DCN 1082

UIC: 67399

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See Revised Data Call

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
TRAINING CENTER/SCHOOL: Marine Corps Air Ground Combat Center Twentynine Palms, California

Category .... Education and Training
Subcategory .. Training Centers and Schools
Types ..... Navy and Marine Corps Training Centers and Navy Schools

************If any responses are classified, attach a separate classified annex************

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NAVY TRAINING CENTERS AND SCHOOLS LISTING:

Type	Title	Location
School	U.S. Naval Academy	Annapolis, MD
School	Naval War College	Newport, RI
School	Naval Postgraduate School	Monterey, CA
School	Surface Warfare Officers School Command	Newport, RI
School	Navy Supply Corps School	Athens, GA
School	Navy Submarine School	New London, CT
Training Center	Naval Education and Training Center	Newport, RI
Training Center	Naval Training Center	Great Lakes, IL
Training Center	Trident Training Facility	Bangor, WA
Training Center	Trident Training Facility	Kings Bay, GA
Training Center	Naval Nuclear Power Training Unit	Balston Spa, NY
Training Center	Naval Nuclear Power Training Unit	Idaho Falls, ID
Training Center	Naval Technical Training Center	Corry Station, FL
Training Center	Naval Technical Training Center	Meridian, MS
Training Center	Naval Air Technical Training Center (Millington)	Pensacola, FL
Training Center	Fleet Combat Training Center, Atlantic	Virginia Beach, VA
Training Center	Fleet Combat Training Center, Pacific	San Diego, CA
Training Center	Naval Amphibious School	Little Creek, VA

Training Center	Naval Amphibious School	Coronado, CA
Training Center	Fleet Training Center	Norfolk, VA
Training Center	Fleet Training Center	Mayport, FL
Training Center	Fleet Training Center	San Diego, CA
Training Center	Fleet Anti-Submarine Warfare Training Center, Atlantic	Norfolk, VA
Training Center	Fleet Anti-Submarine Warfare Training Center, Pacific	San Diego, CA
Training Center	Fleet Mine Warfare Training Center (Charleston)	Ingleside, TX
Training Center	AEGIS Training Center	Dahlgren, VA

MARINE CORPS TRAINING CENTERS LISTING:

Type	Title	Location
Training Center	Marine Corps Combat Development Command	Quantico, VA
Training Center	Marine Corps Air Ground Combat Center	Twentynine Palms, CA
Training Center	Marine Corps Recruit Depot	Parris Island, SC
Training Center	Marine Corps Recruit Depot	San Diego, CA

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Data For Capacity Analysis

Table of Contents

Facilities

Introduction

1. Purpose. This introduction provides general instructions for replying to this data call; individual questions and footnotes give specific instructions for completion of tables, computations, etc.

2. References

a. Use projected promotion and retention rates and the Base Force Structure as outlined in the JCS Memorandum dated 7 February 1994 re: 1995 Base Realignments and Closures Force Structure Plan to determine future training mission requirements.

b. Refer to the NAVFAC P-72 for Facility Category Code Numbers (CCNs).

c. NAVFAC P-80 provides a discussion of the general nature of each CCN; use it to delineate "types" of facilities that share a common CCN.

d. Refer to NAVFACINST 11010.44E for definition of adequate, substandard, and adequate facilities.

e. Use the DoD Military Training Report FY 1993 definitions of types of training to classify the training and education conducted by the school or training center.

3. Definition of Terms. For purposes of this data call the following apply:

a. A **Formal School** is an activity that sponsors one or more programmed courses of instruction (i.e. Chaplain's School, Service Schools Command, Weapons Training Battalion).

b. A **Course of Instruction** (i.e. Boiler Technician "A," Scout Sniper Instructor) comprises one or more individual contact periods (classes).

c. A **Combined Arms Exercise** (CAX) is training that units are programmed to undergo at the Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

d. An **Educational Institution** is an activity that grants either an undergraduate or postgraduate degree(s) (i.e. U.S. Naval Academy).

e. A **Degree** requires the completion of an established curriculum.

f. A **Curriculum** comprises one or more courses of instruction.

g. A **Facility** is a space (e.g. a room), a defined area (e.g. a range), a structure (e.g. a building), or a structure other than a building (e.g. an obstacle course); it is possible for a building to house one or more facilities of different types.

Introduction (Cont.)

h. **Recruit Training** is training upon initial enlistment or induction which provides a general indoctrination to the service, teaches skills and knowledge in basic military subjects, and prepares the recruit for early adjustment to military life. For the Navy, this is Class "R" training.

i. **Officer Acquisition Training** consists of training and education programs leading to a commission. For the Marine Corps, this includes the Marine Enlisted Commissioning Education Program (MECEP); for the Navy, this is class "P" training.

j. **Apprentice Training** is fundamental training in one of four basic skills areas (Seaman, Fireman, Airman, Construction man) that enlisted personnel, who are not yet slated for a rating, receive immediately after recruit training. For the Navy, this is class "AA" training.

k. **Initial Skill Training** includes all formal training following recruit training or commissioning and leading toward the award of a military occupational specialty (MOS) or rating at the lowest level. For the Navy, this includes all class "A" (except "AA") and class "M" training (subcategories "M3" and "M4" only).

l. **Skill Progression Training** is training service members receive after initial skill training, and normally after having gained experience through actual work in their specialty, through which is gained the knowledge to perform at higher skill levels, in a supervisory position, and to assume increased responsibilities. For the Navy, this is class "C," "G," and "M" (subcategories "M1" and "M2" only) training.

m. **Functional Training** is training in subject areas that cut across the scope of MOSs/ratings and provides additional required skills without changing the service member's primary specialty or skill level. For the Navy, this is class "F" training.

n. **Team Training** provides team functional skill training to increase proficiency required by Fleet or Type Commanders. For the Navy, this is class "T" training.

o. **Professional Development Education** (PDE) provides training and education to career military personnel, enlisted and officer, to prepare them to perform increasingly complex responsibilities as they progress in their military careers. PDE may or may not lead to an academic degree. For the Navy, this is class "D" and "E" training.

4. Coordinating Instructions

a. Enter the primary UIC *of the data call respondent* (identified in the preceding listings of Navy and Marine Corps schools and training centers) at the top of each page of the response; ensure that additional pages created include this identifier.

Introduction (Cont.)

b. Where information about current facilities available is requested, include MILCON projects that are not BRAC related, which have been authorized and appropriated and for which contracts are to be awarded by 30 September 1994; *do not* include projects submitted in the FY 95 Presidential Budget. Proposed MILCON projects in support of previous BRAC decisions should be included in response by gaining activities.

c. If any of the information requested is subject to change between now and the end of Fiscal Year 2001 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

d. Use the codes listed below to respond to questions where the "Type of Training" is requested.

Code	Type of Training
RT	Recruit Training
OA	Officer Acquisition Training
AA	Apprentice
IS(E)	Enlisted Initial Skill Training
IS(O)	Officer Initial Skill Training
SP(E)	Enlisted Skill Progression Training
SP(O)	Officer Skill Progression Training
FE	Enlisted Functional Training
FO	Officer Functional Training
TT	Functional Team Training
PD	Professional Development Education

Introduction (Cont.)

e. Where "Course Identifier" is requested, educational institutions shall indicate the department and time period concerned (e.g. English/1st Semester, Wargaming Center); formal schools shall use course identification numbers, either CIN or CID; and the Marine Corps Air Ground Combat Center shall indicate CAX types (e.g. USMC BLT, USMCR RLT).

f. Tenant activities of a school or training center that use space must be accounted for under the host UIC for all courses taught and classroom space utilized.

g. Unless specified otherwise, "throughput" figures should include that from all sources (DON, other DoD, active and reserve components, and non-DoD).

h. Use "N/A" to respond to a question and/or table that does not apply; provide the reason(s) why it is not applicable.

i. Provide best estimates where projections of future peacetime or mobilization requirements are requested.

j. Delete the examples in bold type (provided in various tables to facilitate understanding on how to present the data requested) in responding to the questions.

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RESPONDER'S NOTE TO DATA CALL NO. 22

Responses to DATA CALL NO.22 have been separated and tabbed in the following sections for ease of presentation and referencing. The order of presentations as originally outlined in the data call's table of contents has been maintained. Included with this responders outline is a range number/type index which is provided as a comprehensive reference for all ranges located aboard MCAGCC.

-MISSION REQUIREMENTS-

A. Courses of Instruction and CAXs, subparagraphs 1 - 11.

Areas Addressed:

Data File: A:MISSIONA

B. Other Training at Educational Institutions and Formal Schools, subparagraphs 1,2.

Areas Addressed:

Data File: A: MISSIONB

C. Other Training at the Marine Corps Air Ground Training Center, subparagraphs 1 - 4.

Areas Addressed:

Data File: MISSIONC

D. Academic Research - N/A

E. RDT&E Support - N/A

- FACILITIES -

A. Courses of Instruction and CAX, subparagraphs 1 - 9.

Areas Addressed:

B. Other Training Center/School Facilities, paragraphs 1 - 9.

Areas Addressed:

- FEATURES AND CAPABILITIES -

A. Expansion (no subparagraphs)

Areas Addressed:

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- Range Number/Type Index-

NUMBER	TYPE OF RANGE
100	GAS CHAMBER
101	RIFLE RANGE (MTU Scheduling Authority)
102	PISTOL RANGE (MTU Scheduling Authority)
103	SQUAD PATROLLING/INTELLIGENCE REACTION COURSE (NON-LIVE)
105	TANK CONDUCT OF FIRE RANGE (NON-LIVE)
106	TANK, GUN TRAINING RANGE (MINIATURIZED SCALE)
107	INFANTRY REMOTE ENGAGEMENT TARGET SYSTEM (IRETS)
108	ANTI-MECHANIZED/GRENADE RANGE
109	60MM AND 81MM MORTAR RANGE
110	INFANTRY SQUAD ASSAULT RANGE
111	TANK COMBAT COURSE
112	SPECIAL ORDNANCE TEST AREA
113	TANK COMBAT COURSE
114	EOD DEMOLITION RANGE
201	COMBAT ENGINEER DEMOLITION RANGE AND FIELD FORTIFICATION
202	COMBAT ENGINEER DEMOLITION RANGE AND FIELD FORTIFICATION
400	COMPANY FIRE AND MANEUVER RANGE (CLEGHORN PASS)
410	PLATOON FIRE AND MANEUVER RANGE (CLEGHORN PASS)
410A	PLATOON HASTY ATTACK LIVE FIRE AND MANEUVER RANGE (CLEGHORN PASS)
500	MULTI-PURPOSE RANGE COMPLEX ARMOR LIVE FIRE AND MANEUVER RANGE (CLEGHORN PASS)
601	SUPER CRITICAL FUSE IMPACT AREA (RAINBOW CANYON)
603	WEAPONS IMPACT SCORING SYSTEM (WISS) (EMERSON LAKE)
605	VEHICULAR COLUMN ENGAGEMENT DOOR GUNNER RANGE (SUNSHINE PEAK)

Mission Requirements

A. Courses of Instruction and CAXs. Respond to the following eleven questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	MARINE CORPS COMMUNICATION-ELECTRONICS SCHOOL
	CAX	

Mission Requirements

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For 0.each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convenings (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.).

Course Identifier	Type Training[1]	Course or CAX Length (days)	Days Under Instruc-tion[2]	Number of Convenings[3] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
M09224X	IS(E)	70	50	4	4	4	4	4	4	4	4
M092E2H	IS(E)	90	69	2	2	2	2	2	2	2	2
M09266V	IS(E)	41	40	2	2	2	2	2	2	2	2
M09266F	IS(E)	94	67	5	5	5	5	5	5	5	5
M092DQH	IS(E)	52	37	3	3	3	3	3	3	3	3
M092272	IS(E)	78	56	48	47	47	47	47	47	47	47
M09227E	IS(E)	52	37	3	3	3	3	3	3	3	3

[1]Formal schools and educational institutions only

[2]For CAXs indicate the actual number of training days

[3]For educational institutions the number of convenings should be the total number of section offerings per course.

M09227M	IS(E)	109	78	24	23	23	23	23	23	23	23
M092DPH	IS(E)	14	10	1	1	1	1	1	1	1	1
M09226D	IS(E)	112	80	6	6	8	8	8	8	8	8
M092D3C	IS(E)	196	140	3	2	2	2	2	2	2	2
M092DQK	IS(E)	24	17	3	3	3	3	3	3	3	3
M09227W	IS(E)	18	20	11	11	11	11	11	11	11	11
M09227V	IS(E)	42	30	29	29	29	29	29	29	29	29
M092FGV	IS(E)	116	83	1	2	2	2	2	2	2	2
M09228Y	IS(E)	137	98	2	1	1	0	1	1	1	1
M092E3G	IS(E)	56	40	2	2	2	2	2	2	2	2
M09228W	IS(E)	106	78	6	7	8	8	8	8	8	8
M092DGM	SP(E)	196	140	1	1	0	0	0	0	0	0
M092E2U	SP(E)	78	60	1	1	1	1	1	1	1	1
M092E2V	SP(E)	102	73	1	1	1	1	1	1	1	1
M09266G	SP(E)	71	51	4	4	4	4	4	4	4	4
M092DA9	SP(E)	*	*	2	2	5	5	5	5	5	5
M09227F	SP(E)	60	43	1	1	1	1	1	1	1	1
M092E2D	SP(E)	43	31	5	5	5	5	5	5	5	5
M092DRF	SP(E)	112	88	6	6	6	6	6	6	6	6

M092DRG	SP(E)	82	57	0	1	1	2	2	2	2	2
M092DRH	SP(E)	195	*	0	2	1	1	1	1	1	1
M092DQJ	SP(E)	55	39	3	2	2	3	2	2	2	2
M092C6N	SP(E)	34	*	5	5	5	5	5	5	5	5
M0925U1	IS(E)	60	40	48	48	48	52	52	52	52	52
M09BEZ1	SP(E)	60	40	4	4	4	4	4	4	4	4
TSC120TC	SP(E)	35	25	**	**	**	2	2	2	2	2
M09CGM 1	SP(E)	60	40	6	6	6	12	12	12	12	12
N01DSA1	SP(E)	21	15	**	**	**	**	10	10	10	10
A09CEK1	SP(E)	30	22	**	**	18	18	18	18	18	18
M092471	IS(E)	42	30	10	10	10	16	16	16	16	16
F03CGA1	SP(E)	42	30	**	**	**	**	12	12	12	12
F02CEQ1	SP(E)	42	30	**	**	**	**	7	7	7	7
M092541	IS(E)	60	40	14	14	14	15	15	15	15	15
M09CHK1	SP(E)	85	16	6	6	6	6	6	6	6	6
M0925A1	SP(E)	119	84	2	2	2	2	2	2	2	2
M092EK1	SP(E)	14	10	2	2	2	2	2	2	2	2
M09R2E1	SP(E)	14	10	2	2	2	2	2	2	2	2
M09R2D1	SP(E)	14	10	2	2	2	2	2	2	2	2

M0972N	SP(E)	60	35	2	2	2	2	2	2	2	2
M0972M	IS(O)	134	95	2	2	2	2	2	2	2	2
M0972P	IS(E)	98	70	2	2	2	2	2	2	2	2
M09E3G	IS(E)	70	49	2	2	2	2	2	2	2	2
M09T0A	IS(O)	78	54	4	4	4	4	4	4	4	4
M0967L	IS(E)	50	34	4	4	4	4	4	4	4	4
M0972H	SP(O)	12	10	3	1	2	2	2	2	2	2
M0972G	SP(O)	12	10	1	0	0	3	3	3	3	3

* Revised course, data not available.
** Data not available, Included for ITRO consideration

Mission Requirements

2. Course Size. For each *course* listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
M09224X	22	24	24
M092E2H	12	12	12
M09266V	12	12	12
M09266F	8	10	10
M092DQH	4	4	4
M092272	26	30	30
M09227E	8	8	8
M09227M	20	24	24
M092DPH	8	8	8
M09226D	8	12	12
M092D3C	15	15	15
M092DQK	6	8	8
M09227W	12	12	12
M092FGV	10	12	12

M09228Y	9	9	9
M092E3G	6	6	6
M09228W	12	14	14
M0920GM	9	9	9
M092E2U	12	12	12
M092E2V	12	12	12
M09266G	6	8	8
M092DA9	10	12	12
M09227F	10	10	10
M092E2D	10	12	12
M092DRG	10	12	12
M092DRH	15	15	15
M092DQJ	8	8	8
M092C6N	6	6	6
M092278	18	22	22
M092FGX	6	9	9
M092E3H	9	12	12
M092TA3	28	30	30
M092DRF	6	6	6

M0925U1	25	48	48
M09BEZ1	6	14	14
TSC120TC	8	10	10
M09CGM1	10	30	30
N01DSA1	UNK[4]	UNK	UNK
A09CGK1	UNK[5]	UNK	UNK
M092471	20	45	45
F03CGA1	UNK[6]	UNK	UNK
F02CEQ1	UNK[7]	UNK	UNK
M092541	20	30	30
M09CHK1	25	40	40
M0925A1	25	40	40
M092EK1	20	42	42
M09R2E1	25	40	40
M09R2D1	25	40	40

[4] Unavailable, included for ITRO consideration

[5] Ibid

[6] Ibid

[7] Ibid

M0972N	6	8	8
M0972M	8	12	12
M0972P	12	18	18
M09E3G	8	12	12
M09T0A	6	10	10
M0967L	10	19	19
M0972H	4	6	6
M0972G	8	12	12

3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

Course Identifier	Student or CAX Participant Throughput[8] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
M09224X	25	39	35	36	36	36	36	36
M092E2H	3	23	21	21	22	22	22	22

[8]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

M09266V	21	12	14	14	14	14	14	14
M09266F	28	47	23	23	23	23	23	23
M092DQH	4	5	3	0	0	0	0	0
M092272	859	961	827	1005	1066	1066	1066	1066
M09227E	0	21	15	18	25	25	25	25
M09227M	365	394	333	452	471	471	471	471
M092DPH	13	0	11	10	11	11	11	11
M09226D	79	97	90	115	123	123	123	123
M092D3C	20	15	30	54	48	48	48	48
M092DQK	23	20	24	24	24	24	24	24
M09227W	22	72	55	64	72	72	72	72
M09227V	417	467	398	539	546	546	546	546
M092FGV	8	33	20	15	19	19	19	19
M09228Y	13	17	11	12	12	12	12	12
M092E3G	15	14	12	28	28	28	28	28
M09228W	92	100	112	164	175	175	175	175
M0920GM	3	0	0	1	1	1	1	1
M092E2U	11	4	9	9	9	9	9	9
M092E2V	4	0	9	9	9	9	9	9

M09266G	19	8	17	17	13	13	13	13
M092DA9	35	33	60	89	89	89	89	89
M09227F	3	4	21	22	21	21	21	21
M092E2D	51	54	40	38	38	38	38	38
M092DRG	0	11	9	16	16	16	16	16
M092DRH	0	15	30	60	60	60	60	60
M092DQJ	1	4	6	13	13	13	13	13
M092C6N	21	21	38	62	62	62	62	62
M092DRF	16	12	23	32	32	32	32	32
M0925U1	2604[9]	2604[10]	2304	2496	2496	2496	2496	2496
M09BEZ1	84	84	84	84	84	84	84	84
TSC120TC[11]	--	--	--	20	20	20	20	20
M09CGM1	180	180	180	213	213	213	213	213
N01DSA1[12]	--	--	--	--	--	--	--	--

[9] An additional 300 students were trained as MOS 2531 due to CMC student assignments.

[10] Ibid 5

[11] No course identifier is available as the CDD will be forwarded to MCCDC on 940601; course on-line FY95.

A09CGK1[13]	--	--	--	--	--	--	--	--
M092471	450	450	450	720	720	720	720	720
F03CGA1[14]	--	--	--	--	--	--	--	--
F02CEQ1[15]	--	--	--	--	--	--	--	--
M092541	420	420	420	450	450	450	450	450
M09CHK1	240	240	240	240	240	240	240	240
M0925A1	80	80	80	80	80	80	80	80
M092EK1	40	40	40	84	84	84	84	84
M09R2E1	25	25	25	40	40	40	40	40
M09R2E1	25	25	25	40	40	40	40	40
M0972N	15	20	16	16	16	16	16	16
M0972M	22	18	24	24	24	24	24	24
M0972P	35	34	60	60	60	60	60	60
M09E3G	4	16	36	36	36	36	36	36
M09T0A	22	25	40	40	40	40	40	40

[12] Unavailable, included for ITRO consideration

[13] Ibid

[14] Ibid

[15] Ibid

M0967L	59	65	76	76	76	76	76	76
M0972H	0	12	10	20	20	20	20	20
M0976G	6	0	0	36	36	36	36	36

Mission Requirements

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect *all* students (or CAX participants) -- including those non-effective for training (e.g., students awaiting instruction).

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	785	771	723	925	920	949	859	741	737	747	707	616
FY 1993	780	761	719	909	902	936	857	741	750	754	710	627

Information partially reconstructed from quarterly statistics

b. If level loading cannot be accomplished, provide the reason(s) why not. This command does not establish or assign incoming student personnel numbers.

Mission Requirements

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)[16]							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4	991	1080	1096	1096	1096	1096	1096	1096
E-5	56	28	28	28	28	28	28	28
E-6								
E-7								
E-8 thru E-9								

[16] Lineal projection for years 1995 through 2001 and mobilization requirement. Actual numbers will be based needs of the Marine Corps by FMF assignments.

Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								
03 thru 09								

*** Billeting facilities for E1 through E5 are allocated to the school for the billeting of student, and permanent personnel of that grade (only students reported). Billeting data for other grades is not available.**

*** The above data was not computed in accordance with the formula. Such data is not available. The data provided is actual billeting data provided through prescribed monthly reports. The computation is an average.**

*** Billeting is not mandatory, but the availability of billeting for Marines is a requirement.**

Mission Requirements

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)[17]							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4	29	38	40	40	40	40	40	40
E-5	3	2	0	2	2	2	2	2
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								

[17] Ibid

03 thru 09								

*** Billeting facilities for E1 through E5 are allocated to the school for the billeting of student, and permanent personnel of that grade (only students reported). Billeting data for other grades is not available.**

*** The above data was not computed in accordance with the formula. Such data is not available. The data provided is actual billeting data provided through prescribed monthly reports. The computation is an average.**

*** Billeting is not mandatory, but the availability of billeting for Marines is a requirement.**

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Segregation by gender is not required. All rooms used for billeting with-in MCCES have their own heads. Females are billeted in the same buildings as males, but assigned rooms by gender. MCCES only billets Enlisted Marines, SNCO's and Officers are billeted through MCAGCC.

Mission Requirements

6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)

* Student personnel mess in facilities operated by other commands. No mess facilities are allocated to the formal school.

Mission Requirements UIC: _____

7. Major Equipment. Identify major equipment (tanks, trucks, training craft, aircraft, etc.), if any, used in training at this school/activity that require special facilities for storage and maintenance (21x-xx and 4xx-xx CCNs, etc.), and give the types and sizes of those facilities needed. Do not include training facilities (171-xx and 179-xx CCNs). Add other types of equipment as needed. Provide facility requirements in terms of square feet (SF) unless another measure is appropriate; indicate alternate unit of measure if used.

Type of Equipment	Number by Type	CCN: 134-70		CCN: 214-51		CCN: 217-10	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Surveillance Radar	1	1	930[18]				
Surveillance Radar AN/TPS-59	1	1	930[19]				
MRC vehicle	55			1	2880		
Comm-Elec Maint.*	1					1	21000

* Supports several CLD items and suites of Com-Elec equipment.

[18] estimated square footage

[19] Ibid 12

Mission Requirements

7. Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN: 218-50		CCN: 441-12		CCN: 441-35	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Field Radio Battery storage		1	200				
Supply warehouse*				2	16676		
Field Radio storage						1	300

* Supports several CLD items and suites of Com-Elect equipment.

Mission Requirements

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx, 179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc.

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M09224X	General	158	158
M092E2H	General	200	200
M09266V	General	38	38
M092E2U	General	186	186
M092E2V	General	184	184
M09266F	General	280	280
M09266G	General	255	255
M092272	General	147	147
M092DQH	General	79	79
M092DA9	General	163	163
M09227E	General	70.5	70.5
M09227F	General	69	69
M09227M	General	267	267

M092DPH	General	38	38
M092E2D	General	35	35
M092D3C	General	342	342
M092DRH	General	436	436
M09226D	General	104	104
M092DRF	General	106	106
M092DQJ	General	80	80
M092DQK	General	37	37
M09227W	General	78.5	78.5
M09227V	General	105	105
M09227P	General	264.8	264.8
M092DRG	General	150	150
M092FGV	General	115	115
M092FGX	General	221	221
M092E3G	General	106	106
M092E3H	General	255	255
M09228Y	General	150	150
M09228W	General	140.5	140.5
M092TA3	General	342.2	342.2

M0925U1	General	59	59
M09BEZ1	General	52	52
M09CGM1	General	31	31
M092471	General	73	73
M092541	General	157	157
M09CHK1	General	218	218
M0925A1	General	367	367
M092EK1	General	8	8
M09R2E1	General	50	50
M09R2D1	General	50	50
M0972N	Modified	35.5	35.5
M0972M	Modified	207.3	207.3
M0972P	Modified	292.8	292.8
M09E3G	Modified	155.3	155.3
M09T0A	Modified	40.5	40.5
M0967L	Modified	40.5	40.5
M0972H	Modified	41.5	41.5
M0976G	Modified	44.0	44.0

Mission Requirements

CCN: 171-20

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M09224X	General	192	192
M092E2H	General	288	288
M09266V	General	245	245
M092E2U	General	234	234
M092E2V	General	327	327
M09266F	General	175	175
M09266G	General	95	95
M092272	General	237	237
M092DQH	General	180	180
M092DA9	General	257	257
M09227E	General	300.5	300.5
M09227F	General	235	235
M09227M	General	279	279
M092DPH	General	42	42
M092E2D	General	245	245

M092D3C	General	358	358
M092DRH	General	537	537
M09226D	General	448	448
M092DRF	General	504	504
M092DQJ	General	192	192
M092DQK	General	79	79
M09227W	General	61.5	61.5
M09227V	General	105	105
M09227P	General	267.2	267.2
M092DRG	General	256	256
M092FGV	General	466	446
M092FGX	General	797	797
M092E3G	General	174	174
M092E3H	General	666	666
M09228Y	General	546	546
M09228W	General	353.5	353.5
M092TA3	General	217.8	217.8
M0925U1	General	54	54
M09BEZ1	General	60	60

M09CGM1	General	75	75
M092471	General	41	41
M092541	General	123	123
M09CHK1	General	228	228
M0925A1	General	249	249
M092EK1	General	52	52
M09R2E1	General	20	20
M09R2D1	General	20	20
M0972N	General	183.0	183.0
M0972M	General	448.7	448.7
M0972P	General	290.7	290.7
M09E3G	General	193.7	193.7
M09T0A	General	387.0	387.0
M0967L	General	227.0	227.0
M0972H	General	40.0	40.0
M0972G	General	27.5	27.5

UIC: 67399

CCN: 171-35

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
K2332243	**Hot Plant Trainer**	**1,000**	**500**

Mission Requirements

CCN: 179-30 **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

CCN: **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

CCN: **N/A**

2 Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

CCN: **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier, i.e. include exercise set-up, stage ammunition, etc.

Course Identifier	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M0925U1	MCAGCC PRT Training Area	167	167
M09BEZ1	MCAGCC PRT Training Area	177	177
M09CGM1	MCAGCC PRT Training Area	182	182
M09CGM1	Camp Wilson Training Area	182	182
M092471	MCCES Berm Training Area	124	124
M09CHK1	MCCES Berm Training Area	42	42
M092EK1	MCAGCC PRT Training Area	10	10

Mission Requirements

10. Airspace. For those courses or CAX types that require special-use-airspace (SUA) or airspace-for-special-use, give the type(s) of airspace required and the number of hours it is needed per convening.

Course Identifier	Type(s) Airspace	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M0972N	R-2301, R-2507	36	36
M0972M	R-3201, R-2507	72	72

11. Airfields. For those courses or CAX types that require use of an airfield, list the airfield(s) used and the number of hours needed per convening. **N/A**

Course Identifier	Airfield(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

A. Courses of Instruction and CAXs. Respond to the following eleven questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	SERGEANTS COURSE
	CAX	

Mission Requirements

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convenings (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.).

Course Identifier	Type Training[20]	Course or CAX Length (days)	Days Under Instruc-tion[21]	Number of Convenings[22] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
SGTs COURSE	**ODD**	**35**	**25**	**8**	**8**	**9**	**9**	**9**	**9**	**9**	**9**

[20]Formal schools and educational institutions only

[21]For CAXs indicate the actual number of training days

[22]For educational institutions the number of convenings should be the total number of section offerings per course.

Mission Requirements

2. Course Size. For each *course* listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
SGTs COURSE	100	135	100

3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

Course Identifier	Student or CAX Participant Throughput[23] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
SGTs COURSE	680	680	900	900	1200	1200	1200	1200

[23]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

Mission Requirements

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect *all* students (or CAX participants) -- including those non-effective for training (e.g., students awaiting instruction).

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	0	38	38	39	39	34	34	39	39	34	34	41
FY 1993	44	44	18	14	23	23	24	18	18	56	56	26

b. If level loading cannot be accomplished, provide the reason(s) why not.

Mission Requirements

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4	146	31						
E-5	118	192	850	850	1100	1100	1100	1100
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								

03 thru 09								

Mission Requirements

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit								
E-1 thru E-4								
E-5	0	8	50	50	100	100	100	100
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								
03 thru 09								

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Segregation of billeting by gender is required at Sergeants Course. All Sergeants Course students are Sergeants\E-5s. Sergeants are billeted 2 or 3 to a room depending on class size. WM's are billeted separately maintaining squad integrity.

Mission Requirements

6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* SGTs COURSE STUDENTS DRAW PER DIEM

Mission Requirements

7. Major Equipment. Identify major equipment (tanks, trucks, training craft, aircraft, etc.), if any, used in training at this school/activity that require special facilities for storage and maintenance (21x-xx and 4xx-xx CCNs, etc.), and give the types and sizes of those facilities needed. Do not include training facilities (171-xx and 179-xx CCNs). Add other types of equipment as needed. Provide facility requirements in terms of square feet (SF) unless another measure is appropriate; indicate alternate unit of measure if used.

N/A

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Tanks							
LAVs							
AAVs							
Trucks							
Artillery Guns							

Mission Requirements

7. Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Landing Support Heavy Equipment							
Engineer Support Heavy Equipment							
Training Craft							
Aircraft							

Mission Requirements

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx, 179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc.

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
SGTs COURSE	**GENERAL CLASSROOM**	**236***	**236****
	MODIFIED CLASSROOM	**4*****	**4****

* PER CLASS 8 CLASSES PER YEAR
** 8 CLASSES PER YEAR, NO RESERVE CLASS
*** PER CLASS INCLUDES RESERVE CLASS, 9 CLASSES PER YEAR

Mission Requirements

CCN: 171-20 **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

CCN: 171-35 **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

CCN: 179-30 **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

CCN: **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

CCN: **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

CCN: **N/A**

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier; i.e. include exercise set-up, stage ammunition, etc.

Course Identifier	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
SGTs Crs	**Range 103**	**480**	**480***
	Range 112	**16**	**16**
	Range 113	**32**	**32**
	PRTC Trac	**40**	**40**

* During Mobilization the hours per training area remain consistent; however the training day will lengthen to 10 hours per day vice 8 hours per day and the training week will lengthen to 6 day a week vice 5 days a week.

Mission Requirements

10. Airspace. For those courses or CAX types that require special-use-airspace (SUA) or airspace-for-special-use, give the type(s) of airspace required and the number of hours it is needed per convening. N/A

Course Identifier	Type(s) Airspace	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

11. Airfields. For those courses or CAX types that require use of an airfield, list the airfield(s) used and the number of hours needed per convening. N/A

Course Identifier	Airfield(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

A. Courses of Instruction and CAXs. Respond to the following eleven questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
	FORMAL SCHOOL:	
X	**CAX**	Combined Arms Exercise Enhanced Combined Arms Exercise Reserve Combined Arms Exercise

Mission Requirements

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convenings (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.).

Course Identifier	Type Training [24]	Course or CAX Length (days)	Days Under Instruc -tion[25]	Number of Convenings[26] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
CAX	USMC BLT	22	20	8	5	6	6	0	0	0	0
ECAX	USMC RLT	35	33	0	1	1	1	4	4	4	4
Reserve CAX	USMCR BLT	15	13	2	2	2	2	2	2	2	2

[24]Formal schools and educational institutions only

[25]For CAXs indicate the actual number of training days

[26]For educational institutions the number of convenings should be the total number of section offerings per course.

Mission Requirements

2. Course Size. For each *course* listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

N/A

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)

3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

Course Identifier	Student or CAX Participant Throughput[27] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
CAX	23,048	14,405	17,286	0	0	0	0	0
ECAX*	0	5,271	5,400	25,400	25,400	25,400	25,400	25,400
RESERVE CAX	5,762	5,762	5,762	5,762	5,762	5,762	5,762	5,762

* ASSUME ECAX WITH MEF CELLS ATTACHED.

[27]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

Mission Requirements

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect *all* students (or CAX participants) -- including those non-effective for training (e.g.,3=2 students awaiting instruction).

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	2881	2900	0	2881	2881	80	2881	2881	2881	2881	2881	2881
FY 1993	5271	5271	0	2851	2851	80	5281	5281	2881	2881	2881	2881

b. If level loading cannot be accomplished, provide the reason(s) why not.

Mission Requirements

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	0	0	0	0	0	0	0	0
E-1 thru E-4	20790	19824	20436	20436	19374	19374	19374	19374
E-5	2390	2110	2349	2349	2226	2226	2226	2226
E-6	1530	1351	1504	1504	1426	1426	1426	1426
E-7	650	574	639	639	606	606	606	606
E-8 thru E-9	470	415	462	462	438	438	438	438
Midshipmen/ Officer Candidates	0	0	0	0	0	0	0	0

W1 thru W5 & 01 thru 02	1470	1298	1445	1445	1370	1370	1370	1370
03 thru 09	1510	1333	1484	1484	1406	1406	1406	1406

Mission Requirements

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	0	0	0	0	0	0	0	0
E-1 thru E-4	20	22	25	30*	30	30	30	30
E-5	3	11	55	56	106	106	106	106
E-6	2	3	5	5	5	5	5	5
E-7	1	1	2	3	3	3	3	3
E-8 thru E-9	0	1	1	1	1	1	1	1
Midshipmen/ Officer Candidates	0	0	0	0	0	0	0	0
W1 thru W5 & 01 thru 02	1	1	2	5	5	5	5	5

03 thru 09	3	3	5	9**	9	9	9	9

*Assumes stabilization in Combat Support and Combat Service Support staffing goals for women.
**As more women aviation officers are designated numbers will increase.

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Restrictions/limitations by pay grade regarding segregation of billeting by gender is dependent upon numbers of personnel, number of each gender, number of each gender by pay grade, and facilities available.

If there are large number of females in a unit and ample billeting facilities (tents, rooms, squadbays, etc) are available, then each gender should be billeted E-3s and below; E-4 through E-5; E-6 through E-9; and officers. If limited numbers of either personnel or facilities are available, then E-5s and below should be billeted together and officers and SNCOs should be billeted together. If only a very few females (or males) are present in a unit and billeting facilities are limited, then they should be billeted by gender regardless of rank. There are some rare circumstances where gender separate facilities are not available.

Mission Requirements

6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. *Do not* include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
28810	25438	28319	28319	26846	26846	26846	26846

* 1997 4 ECAX, 4 standard CAXs, and 2 Reserve CAXs.

Mission Requirements

7. Major Equipment. Identify major equipment (tanks, trucks, training craft, aircraft, etc.), if any, used in training at this school/activity that require special facilities for storage and maintenance (21x-xx and 4xx-xx CCNs, etc.), and give the types and sizes of those facilities needed. Do not include training facilities (171-xx and 179-xx CCNs). Add other types of equipment as needed. Provide facility requirements in terms of square feet (SF) unless another measure is appropriate; indicate alternate unit of measure if used.

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
M1A1 TANK	22	N/A	17,380	2	4,200	0.44	N/A	0.176	N/A
M88A1 RECOVERY VEHHICLE	5	N/A	3,950	0.46	966	0.10	N/A	0.04	EA
LAV, ANTI TANK	4	N/A	2,000	0.12	252	0.08	N/A	0.03	N/A
LAV, COMMAND	1	N/A	500	0.03	63	0.02	N/A	0.008	N/A
LAV, ASSAULT	13	N/A	6,500	0.39	820	0.26	N/A	0.10	N/A
LAV, LOGISTICS	2	N/A	1,000	0.06	126	0.04	N/A	0.02	N/A

LAV, MORTAR	2	N/A	1,000	0.06	126	0.04	N/A	0.02	N/A
LAV, RECOVERY	1	N/A	500	0.03	63	0.02	N/A	0.008	N/A
HOWITZER, M198	18	N/A	9,000	N/A		N/A		N/A	

Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
AAVC7A1	6	N/A	3,300	0.18	380	0.12	N/A	0.05	N/A
AAVP7	50	N/A	27,500	1.5	3,150	1	N/A	0.4	EA
AAVR7	2	N/A	1,100	0.06	126	0.04	N/A	0.01	N/A
TRAILER, CAHSSIS, M353	19	N/A	0	0.3	455	0.38	N/A	0.15	N/A
TRAILER, SEMI M970	4	N/A	0	0.06	96	0.08	N/A	0.032	N/A
TRAILER, SEMI, MK870	6	N/A	0	0.10	150	0.12	N/A	0.05	N/A
TRAILER, CARGO, M105A2	41	N/A	0	0.66	984	0.82	N/A	0.33	N/A
TRAILER, POWERED, MK14	32	N/A	0	0.51	768	0.64	N/A	0.26	N/A

TRAILER, POWERED WRECKER MK15	2	N/A	0	0.03	48	0.04	N/A	0.02	N/A

Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRAILER, POWERED, 5TH WHL, MK16	8	N/A	0	0.128	190	0.16	N/A	0.06	N/A
TRAILER POWERED CARGO W/CRANE	5	N/A	0	0.08	120	0.1	N/A	0.04	EA
TRAILER, TANK, WATER, M149A2	20	N/A	0	0.32	480	0.40	N/A	0.16	N/A

TRUCK, AMBULANCE	2	N/A	0	0.05	75	0.04	N/A	0.02	N/A
TRUCK, AMBULANCEHMWWV	9	N/A	0	0.21	310	0.18	N/A	0.072	N/A
TRUCK, CARGO, M1008	2	N/A	0	0.05	75	0.04	N/A	0.02	N/A

Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRUCK, CARGO, M923	97	N/A	0	2.23	3,350	1.94	N/A	0.78	N/A
TRUCK, CARGO, M928	2	N/A	0	0.05	75	0.04	N/A	0.02	EA
TRUCK, DUMP, M299	8	N/A	0	0.18	275	0.16	N/A	0.06	N/A
TRUCK, TANKER, M49A2C	3	N/A	0	0.07	104	0.06	N/A	0.02	N/A
TRUCK, TOW CARRIER	24	N/A	0	0.55	828	0.48	N/A	0.19	N/A
TRUCK, M931	8	N/A	0	0.18	276	0.16	N/A	0.06	N/A

Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRUCK, UTILITY, HMWWV	171	N/A	0	3.93	5900	3.42	N/A	1.37	N/A
TRUCK, CARGO, M923	20	N/A	0	0.46	690	0.4	N/A	0.16	EA
TRUCK, WRECKER, M936	2	N/A	0	0.046	70	0.04	N/A	0.02	N/A

* All CAX equipment is stored/maintained at ESB.

Mission Requirements

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx, 179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc. **Examples are provided in bold type.**

CCN: CAX

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
USMC BLT	Range 410 (times 3) (Squad Problem 27 Squads)	4 Company Total	1.5 Company Total
USMC BLT	Range 410A (times 3) (Platoon Problem 9 Platoons)	5 Company Total	2 Company Total
USMC BLT	Range 400 (times 3) (Company Problem 3 companies)	3.5 Company Total	2 Company Total
USMC BLT	Mobile Assault Course (times 4) (Company Problem & Tanks Co)	6 Company Total	3 Company Total

Note: Assumes 1 run for similar to SWA-G work-up

Mission Requirements UIC: _____

CCN: Reserve CAX

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
USMCR BLT	Range 410	6	2

USMCR BLT	Range 410A	5	1.5
USMCR BLT	Range 400	3.5	2
USMCR BLT	Mobile Assault Course	6	3

Note: Same criteria as Regular CAX.

Mission Requirements

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier, i.e. include exercise set-up, stage ammunition, etc. **Examples are provided in bold type.**

* NOTE: For a complete listing of CAX training areas see Mission Requirements, C - Other Training at Marine Corps Air Ground Combat Center, Training Areas. MCAGCC records does not lend itself to reporting this information in this format.

N/A

Course Identifier	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

Mission Requirements

10. Airspace. For those courses or CAX types that require special-use-airspace (SUA) or airspace-for-special-use, give the type(s) of airspace required and the number of hours it is needed per convening.

Course Identifier	Type(s) Airspace	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
CAX	R2501	450*	600**
CAX	Bristol MOA	450	600

* Based on 18 hour/day for 25 days.
** Based on 20 hour/day for 30 days.

11. Airfields. For those courses or CAX types that require use of an airfield, list the airfield(s) used and the number of hours needed per convening.

Course Identifier	Airfield(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
CAX	Expeditionary Airfield (EAF)	450*	600**

* Based on 18 hour/day for 25 days.
** Based on 20 hour/day for 30 days.

Mission Requirements

B. Other Training at Educational Institutions and Formal Schools. Each educational institution and formal school is required to fill out the two questions in this section. Other usage requirements *for training* must be derived from another formal school's requirements; or that are required to maintain readiness of permanent/support personnel; tenant and non-tenant active duty Fleet/FMF; and non-operational units/shore activities, reserves, and other DoD organizations; or that necessary to satisfy other non-DoD training requirements. Examples of training conducted in the educational institution's or formal schools facilities to be reported in this section include, but are not limited to: 1 hour of annual sexual harassment training for permanent personnel, permanent personnel annual weapons requalification, reserve unit training on weekends, coast guard classes.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	Marine Corps Communication-Electronics School

Mission Requirements

1. Training Facilities. By Facility CCN, provide the usage *requirements for training* during the fiscal years indicated, *other than* programmed courses of instruction. Include all applicable 171-xx, 179-xx, and other CCNs of facilities in which training occurs.

CCN: 171-10

Type of Training Facility	Design Capacity (PN)[1] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
General Academic	60	1	72	86	110
General Academic	50	1	468	468	624
General Academic	50	2	1248	1248	1248

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

CCN: **N/A**

Type of Training Facility	Design Capacity (PN)[2] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

2. Training Areas. For each land and water training areas used by the educational institution or formal school, provide the usage *requirements for training* during the fiscal years indicated, *other than* their programmed courses of instruction; include landing zones (LZs) and gun firing positions (GPs) that are scheduled individually, and impact areas.

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
MCAGCC PRT Training Area	1029	1029	1029
MCAGCC PRT Training Area	NA	NA	6240
Camp Wilson Training Area	NA	NA	6240
MCAGCC Bandini Training Area	84	84	84

[2]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

B. Other Training at Educational Institutions and Formal Schools. Each educational institution and formal school is required to fill out the two questions in this section. Other usage requirements *for training* must be derived from another formal school's requirements; or that are required to maintain readiness of permanent/support personnel; tenant and non-tenant active duty Fleet/FMF; and non-operational units/shore activities, reserves, and other DoD organizations; or that necessary to satisfy other non-DoD training requirements. Examples of training conducted in the educational institution's or formal schools facilities to be reported in this section include, but are not limited to: 1 hour of annual sexual harassment training for permanent personnel, permanent personnel annual weapons requalification, reserve unit training on weekends, coast guard classes.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	Sergeants Course

Mission Requirements

1. Training Facilities. By Facility CCN, provide the usage *requirements for training* during the fiscal years indicated, *other than* programmed courses of instruction. Include all applicable 171-xx, 179-xx, and other CCNs of facilities in which training occurs. **The example in bold type below illustrates a response by a formal school that in one building has a total of four general academic classrooms, one of which seats 20 students, another seats 30, and two others that each seat 40 students. Permanent personnel and a reserve unit used all of them to varying degrees throughout fiscal years 1992 and 1993; their anticipated usage requirements for FY 2001 are best estimates.**

CCN: 171-10

Type of Training Facility	Design Capacity (PN)[3] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
General Academic	100	1	1040	1040	1200
Modified Academic (Computer Lab)	10	1	0 (Lab not estab until FY-93)	128	144
TOTAL	110	2	1040	1168	1344

[3]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

CCN: 179-40 **N/A**

Type of Training Facility	Design Capacity (PN)[4] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

[4]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

2. Training Areas. For each land and water training areas used by the educational institution or formal school, provide the usage *requirements for training* during the fiscal years indicated, *other than* their programmed courses of instruction; include landing zones (LZs) and gun firing positions (GPs) that are scheduled individually, and impact areas.

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
Range 103	480	480	540
Range 112	16	16	18
Range 113	32	32	40
PRTC	40	40	45

Mission Requirements

C. Other Training at the Marine Corps Air Ground Combat Center. In addition to information provided in response to Mission Requirements Section B, respond to the following four questions with regard to the training facilities and training areas used to support CAXs. Other usage requirements for training must be derived from another formal school's requirements, or that required to maintain readiness of permanent/support personnel and other military units, or to satisfy other non-DoD training requirements.

1. Units/Users Supported. Complete the following tables (1.a through 1.e) for units/users that conducted training at the Training Center *not* in conjunction with a programmed CAX.

a. List all active duty FMF units which were tenants of the Training Center as of 1 April 1994; list other unit types as necessary.

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?[1]	FY 1997 Manning Level	Number of Units	FY 1999 Manning Level	Number of Units	FY 2001 Manning Level	Number of Units
AGSE	424	1	1	430	1	430	1	430	1
HqCo, Inf Regt	334	1	1	278	1	278	1	278	1
Inf Bn (entire Bn)[2]	938	3	4	973	3	973	3	973	3
Arty Bn (entire Bn)	674	1	1	642	1	642	1	642	1
LAR Bn (entire Bn)	943	1	1	793	1	793	1	793	1
ank Bn (entire Bn)	864	1	1	823	1	823	1	823	1
SRIG Det	189	1	1	202	1	202	1	202	1
AAV Co	205	1	1 (Rein)	264	1	264	1	264	1

[1]Do all units, even while deployed, have facilities set aside for their occupancy?

[2]"(entire Bn)" = all companies, including H&S Co or Hqtrs Btry, antiarmor plat, if applicable

Sergeants Course*	19	1	All USMC units west of Mississippi River except 1stMarDiv and El Toro	19	1	Unknown	Unknown	Unknown	Unknown

* These are permanent personnel at Sergeants Course, who must complete annual training requirements aboard MCAGCC.

Mission Requirements

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?	FY 1997 Manning Level	Numbe r of Units	FY 1999 Manning Level	Numbe r of Units	FY 2001 Manning Level	Number of Units
SRIG Det	221	3	3	221	3	221	3	221	3
AAV Co	262	11	11	262	11	262	11	262	11
CSSG	571	1	1	571	1	571	1	571	1
MEB Cmd Elem	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HQBn	708	1	1	708	1	708	1	708	1
MCCES	594	1	1	594	1	594	1	594	1

b. Complete the following table for all *non-tenant active duty FMF* unit (ground and air) types which trained at the Training Center during the fiscal years indicated.

Unit Type	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level	Number of Units	Manning Level	Number of Units
1st MarDiv	0	0	60	1
1st FSSG	40	1	91	1
2nd MarDiv	182	3	56	1

3d MAW	0	0	86	1
2nd FSSG	0	0	25	1
3rd MarDiv	150	1	0	0

Mission Requirements

c. Complete the following table for all *reserve* unit (ground and air) types (from all services) which trained at the Training Center during the fiscal years indicated.

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level	Number of Units	Manning Level	Number of Units
4th MarDiv (2/23, 3/23)	USMCR	0	0	58	2
4th LAI Bn	USMCR	100	1	0	0
Special Force Bn	US Army	350	2	350	2
Security Force Bn	US Army	N/A	N/A	300	2
Seal Team	USN	15	10	15	10
Naval Construction Battalion (SeaBee)	USN	20	4	20	3
Tactical Fighter Squadron	USAF	150	3	150	3

d. Complete the following table for all *other active duty DOD* unit types (not included in the previous tables, i.e. classes of students from formal schools not tenants of the Training Center) which trained at the Training Center.

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level (Average)	Number of Units	Manning Level (Average)	Number of Units
Seal Team	USN	30	1	41	3
US Air Force	USAF	2	1	0	0
US Army	USA	10	1	0	0
SeaBee USN Const Bn	USN	17	1	0	0

Mission Requirements

e. Complete the following table for all *non-DoD* user types which trained at the Training Center.

Note: The following organizations are not part of CAX, but utilize MCAGCC for instructional/training purposes.

User Size	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level (Average)	Number of Users	Manning Level (Average)	Number of Units
British Royal Marines	0	0	81	1
MCJROTC	396	396	236	10
High Desert Gun Club	120	120	88	1
Copper Mountain College Law Enforcement Course	90	90	60	1
Calif Highway Patrol	Unknown	8	0	0

Mission Requirements

2. Tenant Unit Major Equipment. Complete the following tables (2.a through 2.h) for each *tenant* active duty ground and aviation FMF unit type identified in response to question C.1.a to provide facility (21x-xx and 4xx-xx CCNs, etc.) *minimum* requirements in terms of square feet (SF) or some other unit of measure (identify) to support their major equipment authorized. *Do not* include training facilities. Create additional columns, rows, and tables as needed.

a. **Unit:** 1st Tank Battalion

Major Equipment: **Tanks**

Type of Tank	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
M1A1	58	45,720	SF	11,910	SF	1	EA	1	EA
M60 CHASSIS BRIDGE	3	2,400	SF	560	SF	0.06	EA	0.02	EA
RECOVERY VEHICLE M88A1	4	3,200	SF	770	SF	0.08	EA	0.03	EA

Major Equipment: **Tanks, cont.**

Type of Tank	Number by Type	CCN:217.10		CCN:441.11 See Note below	
		Total	Unit of Measure	Total	Unit of Measure
M1A1	58	9,050	SF	25,000	SF

Note: 1st Tank Battalion rates 25,000 SF of 441.11 as a whole.

a. **Unit:** 1st Tank Battalion, cont.

Major Equipment: **Trucks and Trailers**

Type of Truck/Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
LUBE SERVICE	1	72	SF	0.06	EA	0.024	EA
FUEL TRANSPORTER	15	520	SF	0.3	EA	0.12	EA
TRAILER, CARGO, M105A2	21	500	SF	O.42	EA	0.17	EA
TRAILER, 22.5 TN	4	100	SF	0.08	EA	0.03	EA
TRAILER, WATER, M149	8	190	SF	0.16	EA	0.06	EA
TRUCK, AMBULANCE, M1035	1	23	SF	0.02	EA	0.008	EA
TRUCK CARGO, M1008	3	104	SF	0.06	EA	0.024	EA
TRUCK, CARGO	41	1,500	SF	0.77	EA	0.33	EA
TRUCK, CARGO, M923	41	1,500	SF	0.77	EA	0.33	EA
TRUCK, REFUELER	7	750	SF	0.38	EA	0.16	EA
TRUCK, M1045	72	3,000	SF	1.44	EA	0.58	EA
TRUCK, CARGO M998	38	1,500	SF	0.76	EA	0.30	EA
TRUCK, CARGO, M1043	13	450	SF	0.26	EA	0.10	EA
TRUCK, WRECKER, M936	2	70	SF	0.04	EA	0.02	EA

b. **Unit:** 3rd Light Armored Reconnaissance

Major Equipment: **Light Armored Vehicles**

Type of LAV	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
AIR DEFENSE	24	12,000	SF	1,140	SF	0.5	EA	0.2	EA
ANTI TANK	12	6,000	SF	570	SF	0.25	EA	0.1	EA
ASSAULT	36	18,000	SF	1,500	SF	O.75	EA	0.3	EA
COMMAND	6	3,000	SF	285	SF	0.12	EA	0.05	EA
LOGISTICS	41	20,500	SF	1,500	SF	0.80	EA	0.35	EA
MORTAR	6	3,000	SF	285	SF	O.12	EA	0.05	EA
RECOVERY	6	3,000	SF	285	SF	0.12	EA	0.05	EA

b. **Unit:** 3rd Light Armored Reconnaissance, cont.

Major Equipment: **Light Armored Vehicles**

Type of LAV	Number by Type	CCN:441.12 See Note	
		Total	Unit of Measure
AIR DEFENSE	24	4,750	SF
ANTI TANK	12	2,500	SF
ASSAULT	36	7,250	SF
COMMAND	6	1,250	SF
LOGISTICS	41	8,250	SF
MORTAR	6	1,250	SF
RECOVERY	6	1,250	SF

Note: 3rd LAR rates 25,000 SF of 441.12 as a whole.

b. **Unit:** 3rd Light Armored Regiment

Major Equipment: **Trucks and Trailers**

Type of Truck/Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
FUEL TRANSPORTER	10	240	SF	0.2	EA	0.08	EA
TRAILER, 2 WHEEL	8	190	SF	0.16	EA	0.06	EA
TRAILER, MK-14	6	144	SF	0.12	EA	0.05	EA
TRAILER, WATER	6	144	SF	0.12	EA	0.05	EA
TRUCK, HMWWV	1	24	SF	0.02	EA	0.008	EA
TRUCK, M1008	2	48	SF	0.04	EA	0.02	EA
TRUCK, CARGO	20	690	SF	0.4	EA	0.16	EA
TRUCK, M923	10	345	SF	0.2	EA	0.08	EA
TRUCK, FUEL	6	205	SF	0.12	EA	0.05	EA
TRUCK, M998	13	450	SF	0.26	EA	0.104	EA
TRUCK, M936	2	69	SF	0.04	EA	0.016	EA

c. **Unit:** D Co, 3rd AAV's

Major Equipment: **Assault Amphibious Vehicles**

Type of AAV	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
AAVC7A1	3	1,650	SF	150	SF	0.06	EA	0.024	EA
AAVP7A1	43	23,650	SF	2,040	SF	0.86	EA	0.34	EA
AAVR7A1	1	550	SF	50	SF	0.02	EA	0.008	EA

c. **Unit:** D Co, 3rd AAV's

Major Equipment: **Assault Amphibious Vehicles**

Type of AAV	Number by Type	CCN:441.21 See Note	
		Total	Unit of Measure
AAVC7A1	3	383	SF
AAVP7A1	43	5,489	SF
AAVR7A1	1	127	SF

Note: D Co 3rd AAV rates 6,000 SF 441.21 as a whole

c. **Unit:** D Co, 3rd AAV's, cont.

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRAILER, POWERED, MK-14	1	25	SF	0.02	EA	0.008	EA
TRAILER, POWERED, MK-17	1	25	SF	0.02	EA	0.008	EA
TRAILER, WATER, 400 GALLON	1	25	SF	0.02	EA	0.008	EA
TRUCK, CARGO	3	105	SF	0.06	EA	0.02	EA
TRUCK, CARGO, M923	3	105	SF	0.06	EA	0.02	EA
TRUCK, TANKER, FUEL, 1200 GAL	1	25	SF	0.02	EA	0.008	EA

d. **Unit:** Aviation Ground Support Element (AGSE)

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRAILER MOUNTED BATH UNIT	4	100	SF	0.08	EA	0.03	EA
TRAILER MOUNTED COMPRESSOR	2	50	SF	0.04	EA	0.015	EA
TRAILER MOUNTED LAUNDRY UNIT	1	25	SF	0.02	EA	0.008	EA
TRAILER CHASSIS GP M353	25	600	SF	0.5	EA	0.20	EA
TRAILER CHASSIS 3/4 TON M116A2	15	360	SF	0.3	EA	0.12	EA
SEMI TRAILER, REFUELER M9709	10	240	SF	0.2	EA	0.08	EA
SEMI TRAILER, M870, 40 TON	3	75	SF	0.06	EA	0.02	EA
TRAILER, CARGO 1.5 TON M105A2	13	320	SF	0.26	EA	0.10	EA
TRAILER POWERED 22.5 TON MK14	3	75	SF	0.06	EA	0.02	EA

TRAILER POWERED WRECKER MK15	1	25	SF	0.02	EA	0.008	EA
TRAILER POWERED, MK16	3	75	SF	0.06	EA	0.02	EA

d. **Unit:** Aviation Ground Support Element (AGSE), cont.

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRAILER, WATER TANK, 400 GAL	12	290	SF	0.024	EA	0.10	EA
TRUCK, AMBULANCE M1010	3	210	SF	0.06	EA	0.02	EA
TRUCK, AMBULANCE HMWWV M1035	1	35	SF	0.02	EA	0.008	EA
TRUCK, CARGO M1008	36	1,240	SF	0.72	EA	0.29	EA
TRUCK, CARGO M923 M116A2	28	966	SF	0.56	EA	0.22	EA
TRUCK, AC CRASH STRUCTURE FIRE	4	180	SF	0.08	EA	0.032	EA

TRUCK, DUMP 5 TON, 40 TON	6	205	SF	0.12	EA	0.048	EA
TRUCK, FIREFIGHTING M1028FFA2	2	90	SF	0.04	EA	0.02	EA
TRUCK, FIREFIGHTING M530CB	1	45	SF	0.02	EA	0.008	EA
TRUCK, FIREFIGHTING MC30CS	1	45	SF	0.02	EA	0.008	EA
TRUCK, TANK FUEL M49A2C	3	105	SF	0.06	EA	0.024	EA
TRUCK, WATER TANK M50A2	3	105	SF	0.06	EA	0.024	EA
TRUCK, TRACTOR M931	10	345	SF	0.20	EA	0.08	EA

d. **Unit:** Aviation Ground Support Element (AGSE), cont.

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRUCK, UTILITY HMM 998	18	620	SF	0.36	EA	0.14	EA
TRUCK, WRECKER M936	2	70	SF	0.04	EA	0.02	EA
TRUCK, FORKLIFT MC6000 RTL	12	360	SF	0.24	EA	0.10	EA
TRUCK, FORKLIFT MC4000 RT	5	150	SF	0.01	EA	0.04	EA

LUBE AND SERVICE UNIT 4A032-11	7	170	SF	0.14	EA	0.06	EA
POWER UNIT, 12.5 TON	10	240	SF	0.20	EA	0.08	EA

d. **Unit:** Aviation Ground Support Element (AGSE), cont.

Major Equipment: **Engineer Support Heavy Equipment**

Type of Equipment	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
CRANE, 30 TON	2	60	SF	0.04	EA	0.02	EA
CRANE, WHEEL MOUNTED	6	180	SF	0.12	EA	0.05	EA
CRANE, TR	6	180	SF	0.12	EA	0.05	EA
MIXER, CONCRETE, TRLR MTD	1	24	SF	0	EA	0	EA
ROLLER, COMPACTOR 20C	2	84	SF	0.04	EA	0.02	EA
SCRAPER, TRACTOR 621B	1	42	SF	0.02	EA	0.008	EA
SWEEPER, RW VAC 600	2	84	SF	0.04	EA	0.02	EA

d. **Unit:** Aviation Ground Support Element (AGSE), cont.

Major Equipment: **Engineer Support Heavy Equipment**

Type of Equipment	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRACTOR, FULL TRACK	2	84	SF	0.04	EA	0.02	EA
TRACTOR, D7G CAT FULL TRACK	4	168	SF	0.08	EA	0.04	EA
TRACTOR, MC1150, FULL TRACK	2	84	SF	0.04	EA	0.02	EA
TRACTOR, 72-31MP2-U/R	7	294	SF	0.14	EA	0.06	EA
TRACTOR, FLU 419	2	84	SF	0.04	EA	0.02	EA

c. **Unit:** Aviation Ground Support Element (AGSE) rates 25,000 SF in 441.21.

e. **Unit:** 7th Marines

Major Equipment: **Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRUCK, UTILITY HMM 998	84	2,900	SF	1.68	EA	0.67	EA
TRUCK, CARGO, M-1008	16	550	SF	0.32	EA	0.13	EA
TRUCK, UTILITY, HMWWV 1043	16	550	SF	0.32	EA	0.13	EA
TRUCK, AMBULANCE	8	275	SF	0.16	EA	0.07	EA
TRUCK, TOW CARRIER	8	275	SF	0.16	EA	0.07	EA
TRUCK, ARMT CAR M1043	7	240	SF	0.14	EA	0.06	EA

f. **Unit:** 3rd Battalion, 11th Marines

Major Equipment: **Artillery Guns**

Type of Gun	Number by Type	CCN:214.40	
		Total	Unit of Measure
HOWIZTER, M101A1	8	4,000	SF
HOWITZER, M198	12	6,000	SF

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRUCK, CARGO, 998	27	930	SF	0.54	EA	0.22	EA
TRUCK, WRECKER M936	2	70	SF	0.04	EA	0.02	EA
TRUCK, CARGO, M1043	9	310	SF	0.18	EA	0.07	EA
TRUCK, CARGO, M1008	4	140	SF	0.08	EA	0.03	EA
TRUCK, AMBULANCE 4A032-11	2	70	SF	0.04	EA	0.02	EA
TRAILER, CARGO, M101	27	650	SF	0.54	EA	0.22	EA
TRAILER, CARGO M105A2	28	670	SF	0.56	EA	0.22	EA

TRAILER, 22.5 TN	6	144	SF	0.12	EA	0.05	EA
TRAILER, WATER, M149	5	120	SF	0.1	EA	0.04	

g. Unit: 1st SRIG

Major Equipment: RPV

RPV	Number by Type	CCN:211.96	
		Total	Unit of Measure
RPV	6	27,000	SF

g. **Unit:** 1st SRIG, cont.

Major Equipment: **Trailers and Trucks**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRUCK, FORKLIFT MC6000RTL	1	35	SF	0.02	EA	0.008	EA
TRUCK, FORKLIFT, EXTENDABLE	1	35	SF	0.02	EA	0.008	EA
TRAILER, CARGO, 3/4T	16	384	SF	0.32	EA	0.13	EA
TRAILER, CARGO, 1-1/2T	2	75	SF	0.04	EA	0.02	EA
TRAILER, TANK, WATER, 400 GAL	1	35	SF	0.02	EA	0.008	EA
TRUCK, CARGO, ISO BED	2	75	SF	0.04	EA	0.02	EA
TRUCK, CARGO 5T	2	75	SF	0.04	EA	0.02	EA
TRUCK, CARGO 5T EXTRA LONG	5	173	SF	0.10	EA	0.04	EA
TRUCK, UTILITY CARGO 5/4 TN	4	150	SF	0.08	EA	0.04	EA
TRUCK, UTILITY, SHELTER 5/4 TN	2	75	SF	0.04	EA	0.02	EA

h. **Unit:** CSSG1 (Det A 1st FSSG)

Major Equipment: **Engineer Support Heavy Equipment**

Type of Equipment	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
TRACTOR, MED FULL TRACKED D7G	4	195	SF	0.08	EA	0.03	EA
TRACTOR FULL TRACKED W/MUL PUR MC-1150	1	50	SF	0.02	EA	0.008	EA
TRACTOR RUBBER TIRED	2	100	SF	0.04	EA	0.02	EA
TRACTOR, RT, WHEELED MC5808	1	50	SF	0.02	EA	0.008	EA
TRUCK, FORKLIFT, MC6000 RTL	3	104	SF	0.06	EA	0.02	EA
TRUCK FORKLIFT ROUGH TERRAIN, MC4000	3	104	SF	0.06	EA	0.02	EA
TRUCK ROUGH 4000 LB	3	104	SF	0.06	EA	0.02	EA
TRACTOR, RT, ARTICULATED STEER 644E	2	100	SF	0.04	EA	0.02	EA

h. **Unit:** CSSG1 (Det A 1st FSSG), cont.

Major Equipment: **Trucks and Trailers**

Type of Truck/ Trailer	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
LUBE AND SERVICE UNIT	2	70	SF	0.04	EA	0.02	EA
SEMI TRLR, LOWBED, M870	1	50	SF	0.02	EA	0.008	EA
SEMI TRLR, VAN EXPANSION, M313	2	70	SF	0.04	EA	0.02	EA
TRAILER, POWERED 5TH WHEEL, MK16	2	70	SF	0.04	EA	0.02	EA
TRLR, TANK WATER M149A2	1	50	SF	0.02	EA	0.008	EA
TRUCK, CARGO M1008	2	70	SF	0.04	EA	0.02	EA
TRUCK, CARGO, M923/M813	3	104	SF	0.06	EA	0.02	EA
TRUCK, DUMP, M929	12	415	SF	0.24	EA	0.10	EA
TRUCK, TANK, FUEL, M49A2C	1	50	SF	0.02	EA	0.008	EA
TRUCK, TANK, WATER, M50A2	1	50	SF	0.02	EA	0.008	EA
TRUCK UTILITY, CARGO HMMWV M998	5	173	SF	0.10	EA	0.04	EA
TRUCK, VAN M109	2	70	SF	0.04	EA	0.02	EA

TRUCK, WRECKER, M936	1	50	SF	0.02	EA	0.008	EA

h. **Unit:** CSSG1 (Det A 1st FSSG), cont.

Major Equipment: **AAV's**

Type of AAV	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
AAV, RECOVERY AAVR7A1	2	125	SF	0.04	EA	0.02	EA

Major Equipment: **Tanks**

Type of Tank	Number by Type	CCN:214.51		CCN:214.55		CCN:214.56	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure
RECOVERY VEH FULL TRACKED M578	1	65	SF	0.02	EA	0.008	EA
RECOVERY VEH FULL TRACKED M88A1	2	125	SF	0.04	EA	0.02	EA

i. **Unit:** Equipment Allowance Pool, Exercise Support Division, MCAGCC

Major Equipment: **Mixed**

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
M1A1 TANK	22	N/A	17,380	2	4,200	0.44	N/A	0.176	N/A
M88A1 RECOVERY VEHICLE	5	N/A	3,950	0.46	966	0.10	N/A	0.04	EA
LAV, ANTI TANK	4	N/A	2,000	0.12	252	0.08	N/A	0.03	N/A
LAV, COMMAND	1	N/A	500	0.03	63	0.02	N/A	0.008	N/A
LAV, ASSAULT	13	N/A	6,500	0.39	820	0.26	N/A	0.10	N/A
LAV, LOGISTICS	2	N/A	1,000	0.06	126	0.04	N/A	0.02	N/A

LAV, MORTAR	2	N/A	1,000	0.06	126	0.04	N/A	0.02	N/A
LAV, RECOVERY	1	N/A	500	0.03	63	0.02	N/A	0.008	N/A
HOWITZER, M198	12	N/A	9,000	N/A		N/A		N/A	

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
AAVC7A1	6	N/A	3,300	0.18	380	0.12	N/A	0.05	N/A
AAVP7	50	N/A	27,500	1.5	3,150	1	N/A	0.4	EA
AAVR7	2	N/A	1,100	0.06	126	0.04	N/A	0.01	N/A
TRAILER, CAHSSIS, M353	13	N/A	0	0.3	455	0.38	N/A	0.15	N/A
TRAILER, SEMI M970	1	N/A	0	0.06	96	0.08	N/A	0.032	N/A
TRAILER, SEMI, MK870	6	N/A	0	0.10	150	0.12	N/A	0.05	N/A
TRAILER, CARGO, M105A2	10	N/A	0	0.66	984	0.82	N/A	0.33	N/A
TRAILER, POWERED, MK14	32	N/A	0	0.51	768	0.64	N/A	0.26	N/A

TRAILER, POWERED WRECKER MK15	2	N/A	0	0.03	48	0.04	N/A	0.02	N/A

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRAILER, POWERED, 5TH WHL, MK16	8	N/A	0	0.128	190	0.16	N/A	0.06	N/A
TRAILER POWERED CARGO W/CRANE	5	N/A	0	0.08	120	0.1	N/A	0.04	EA
TRAILER, TANK, WATER, M149A2	18	N/A	0	0.32	480	0.40	N/A	0.16	N/A
TRUCK, AMBULANCE	2	N/A	0	0.05	75	0.04	N/A	0.02	N/A

TRUCK, AMBULANCE HMWWV	9	N/A	0	0.21	310	0.18	N/A	0.072	N/A
TRUCK, CARGO, M1008	2	N/A	0	0.05	75	0.04	N/A	0.02	N/A

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRUCK, CARGO, M923	45	N/A	0	2.23	3,350	1.94	N/A	0.78	N/A
TRUCK, CARGO, M928	2	N/A	0	0.05	75	0.04	N/A	0.02	EA
TRUCK, DUMP, M929	3	N/A	0	0.18	275	0.16	N/A	0.06	N/A

TRUCK, TANKER, M49A2C	3	N/A	0	0.07	104	0.06	N/A	0.02	N/A
TRUCK, TOW CARRIER	24	N/A	0	0.55	828	0.48	N/A	0.19	N/A
TRUCK, M931	1	N/A	0	0.18	276	0.16	N/A	0.06	N/A

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd	Number of Facilities	Total SF Reqd
TRUCK, UTILITY, HMWWV	49	N/A	0	3.93	5900	3.42	N/A	1.37	N/A
TRUCK, CARGO, M923	20	N/A	0	0.46	690	0.4	N/A	0.16	EA
TRUCK, WRECKER, M936	2	N/A	0	0.046	70	0.04	N/A	0.02	N/A

Mission Requirements

3. Training Facilities. By Facility CCN, provide the usage requirements of each of the *unit types/user sizes* identified in response to question C.1 for the fiscal years indicated. Include all applicable 171-xx, 179-xx, and other CCNs of facilities in which training occurs. For ranges, ensure that at the minimum, the following types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Note: Data not provided in the following tables were not available/recoverable from source records.

a. Historical Usage Requirements:

Type of Training Facility	Design Capacity (PN)[3] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[4]
Range 101 Rifle Range	300	1		*		312	156	300
Range 101A Rifle Range	200	1		*		67	100	200

[3]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[4]Ranges only

Range 101B Rifle Range	300	1		*		334	67	400
Range 102 Pistol Range	200	1		*		334	67	200
Range 102A Pistol Range	100	1		*		7	0	N/A

* Unit: Service includes Active and Reserve Marine Corps FMF, tenant, MCAGCC permanent personnel, Navy, Air Force, Army and non DOD personnel as required.

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[5] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[6]
Range 102B Pistol Range	200	1				10	24	200

[5]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[6]Ranges only

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[7] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[8]
Range 100 CS Chamber	N/A	1	INF/A VN	USMC	240	267	256	
Range 103 Non-live fire Squad Patrolling/Intelligence Reaction Course	N/A	1	INF/A VN	USMC	1440	1507	1567	

[7]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[8]Ranges only

Range 103 Non-live fire Squad Patrolling/Intelligence Reaction Course			INF/AVN	USA	24	35	30	
Range 105 Tank Conduct of Fire	N/A	1	INF/AVN	USMC	416	473	430	
Range 106 Tank, Gun Training Range	N/A	1	INF/AVN	USMC	960	935	940	
Range 107 Squad Defensive Training Range	12	1	INF/AVN	USMC	1920	1507	1567	12
Range 107 Squad Defensive Training Range			INF/AVN	USA	160	180	196	12
Range 107 Squad Defensive Training Range			AVN/SEAL	USN	185	202	195	12

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[9] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[10]
Range 108 Static Target Display And Grenade Range	N/A	1	INF/A VN	USMC	1440	1507	1567	
Range 108 Static Target Display and Grenade Range			INF/A VN	USA	160	180	196	

[9]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[10]Ranges only

Range 108 Static Target Display and Grenade Range			AVN/ SEAL	USN	185	202	195	
Range 109 Mortar Range	8	1	INF/A VN	USMC	960	1003	945	8
Range 109 Mortar Range			INF/A VN	USA	160	180	196	8
Range 109 Infantry Squad Assualt Range			AVN/ SEAL	USN	185	202	195	8
Range 110 Infantry Squad Assault Range	N/A	1	INF/A VN	USMC	2003	1993	2105	
Range 110 Infantry Squad Assualt Range			INF/A VN	USA	160	180	196	

Range 110 Infantry Squad Assualt Range			AVN/ SEAL	USN	185	202	195	

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[11] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[12]
Range 111 Tank Combat Course	N/A	1	INF/A VN	USMC	1920	1850	1956	
Rnage 111 Tank Combat Course			INF/A VN	USA	103	87	94	

[11]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[12]Ranges only

Range 112 Special Ordnance Test Area, and MK-19 grenade launcher	N/A	1	INF/A VN	USMC	960	1003	1103	
Range 112 Special Ordance Test Area, and MK-19 Grenade launcher			INF/A VN	USA	98	110	120	
Range 112 Special Ordance Test Area, and MK-19 Grenade Launcher			AVN/ SEAL	USN	107	102	117	
Range 113 Tank Combat Course	N/A	1	INF/A VN	USMC	1856	1994	2020	

Range 113 Tank Combat Course			INF/AVN	USA	103	92	122	
Range 113 Tank Combat Course			AVN/SEAL	USN	107	102	117	

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[13] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[14]
Range 114 EOD Demolition	N/A	1	INF/A VN	USMC	480	507	578	
Range 201/202 Combat Engineer Dem and Field Fortificatio n Range	N/A	2	INF/A VN	USMC	494	466	475	

[13]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[14]Ranges only

Range 201/202 Combat Engineer Dem and Fiedl Fortificatio on Range			INF/A VN	USA	24	35	30	
Range 400 Company Live Fire Maneuver Range	N/A	1	INF/A VN	USMC	1923	1807	1956	
Range 400 Company Live Fire Manuever Range			INF/A VN	USA	154	167	178	
Range 410 Platoon Life Fire and Maneuver Range	N/A	1	INF/A VN	USMC	1877	1807	2067	

Range 410 Platoon Live Fire and Maneuver Ranger			INF/A VN	USA	154	167	184	

a. Historical Usage Requirements, cont.:

Type of Training Facility	Design Capacity (PN)[15] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[16]
Range 410A Rifle Platoon attack of Soviet Style Strongpoint	N/A	1	INF/A VN	USMC	1787	1807	1867	
Range 410A Rifle Platoon attack of Soviet Syle Strongpoint			INF/A VN	USA	23	35	34	

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[16]Ranges only

Range 500 Armor Live Fire and Maneuver Range	N/A	1	INF/A VN	USMC	2112	2163	2234	

Type of Training Facility	Design Capacity (PN) per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1999	**FY 2001**	**Mobilization Requirement (2001)**
Range 101, Rifle Range	300	1			190	200	
Range 101A, Rifle Range	200	1			100	100	
Range 101B, Rifle Range	300	1			400	400	
Range 102, Pistol Range	200	1			10	10	
Range 102A, Pistol Range	100	1			10	10	
Range 102B, Pistol Range	200	1			85	100	
Range 100, CS Chamber	N/A	1			363	384	
Range 103, Non-live fire Squad Patrolling/Intelligence Reaction Course	N/A	1			2265	2545	
Range 105 Tank Conduct of Fire	N/A	1			609	685	

Range 106, Tank Gun Training Range	N/A	1			1333	1498	
Range 107, Squad Defensive Training Range	12	1			2777	3120	
Range 108, Static Target Display and Grenade Range	N/A	1			2777	3120	
Range 109, Mortar Range	N/A	1			1895	2129	
Range 110, Infantry Squad Assault Range	N/A	1			3540	3978	
Range 111, Tank Combat Course	N/A	1			2907	3267	
Range 112, Special Ordnance Test Area	N/A	1			1793	2014	
Range 113, Tank Combat Course	N/A	1			3204	3600	
Range 114, EOD	N/A	1			819	921	
Range 201/202, Combat Engineer Demo and Field Fortification Range	N/A	2			675	759	
Range 400, Company Life Fire Maneuver Range	N/A	1			529	594	

Range 410, Platoon Live Fire and Maneuver Range	N/A	1			3193	3587	
Range 410 A, Rifle Platoon Attack of Soviet Strongpoint	N/A	1			2648	2975	
Range 500, Armor Live Fire and Maneuver Range	N/A	1			3359	3774	

Mission Requirements

4. Training Areas. Provide the land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) usage requirements of each of the *unit types/user sizes* identified in response to question C.1 for the fiscal years indicated.

Note: All USMC Units in this sections are CAX forces. All other service units are sometimes CAX forces and sometimes independent operations. Records don't reflect which. All do CAX type combat training.

a. Historical Usage Requirements

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted[18]	Usage Requirements (Hours Used per FY)		
				FY 1991	FY 1992	FY 1993

[18]Provide a general description (e.g., day/night; offensive/defensive tactics; squad assault; fire and maneuver; etc.)

America Mine	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	1944	2048	2152
	Avn/SEAL	USN	Air/Gnd Ops	12	15	22
Black Top	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	2885	3036	3187
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Bullion	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	4514	4752	4800
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Cleghorn Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	3705	3900	4095
Delta	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	6771	7128	7484
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160

East	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	8677	9408	9878
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Emerson Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	4353	4488	4757
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Gays Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	6012	6036	6518
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Gypsum Ridge	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	7524	7656	8268
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160

Lava	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	4992	5280	5755
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Lavic Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	2884	3036	3187
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Lead Mountain	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	4218	4224	4477
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Mesa	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	2977	3168	3326
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160

Maumee Mine	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	3266	3300	3465
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Noble Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	4308	4620	4897
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Quackenbush Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	5517	5808	6098
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Rainbow Canyon	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	3887	4092	4337
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160

Sandhill	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	9605	7296	7453
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
Sunshine Peak	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	2758	2904	5227
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd Ops	144	150	160
West	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	3407	3486	3589
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	264	336	345
	TFW/AW	USAF	Air Ops	264	103	117
	Avn/SEAL	USN	Air/Gnd Ops	120	150	160
Range 100	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	240	267	256
	Avn/SEAL	USN	Air/Gnd Ops	16	16	16
	Inf/Bn Avn/Sqdn	Other	Fire/Maneuver	54	34	45
Range 103	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	1440	1507	1567
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	24	35	30

Range 105	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	416	473	430
Range 106	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	960	935	940
Range 107	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn Avn/SEAL Inf/Bn Avn/Sqdn	USMC USA USN Other	Fire/Maneuver Fire/Maneuver Air/Gnd Ops Fire/Maneuver	1920 160 185 96	1507 180 202 78	1567 196 195 88
Range 108	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn Avn/SEAL Inf/Bn Avn/Sqdn	USMC USA USN Other	Fire/Maneuver Fire/Maneuver Air/Gnd Ops Fire/Maneuver	1440 160 185 67	1507 180 202 56	1567 196 195 78
Range 109	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn Avn/SEAL	USMC USA USN	Fire/Maneuver Fire/Maneuver Air/Gnd Ops	960 160 185	1003 180 202	945 196 195
Range 110	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn Avn/SEAL	USMC USA USN	Fire/Maneuver Fire/Maneuver Air/Gnd Ops	2003 160 185	1993 180 202	2105 196 195

Range 111	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	1920	1850	1956
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	103	87	94
Range 112	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	960	1003	1103
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	98	110	120
	Avn/SEAL	USN	Air/Gnd Ops	107	102	117
Range 113	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	1856	1994	2020
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	103	92	122
	Avn/SEAL	USN	Air/Gnd Ops	107	102	117
Range 114	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	480	507	578
Range 201	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	288	321	297
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	24	35	30
Range 202	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	206	145	178
Range 400	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	1923	1807	1956
	Inf/Bn Avn/Sqdn	USA	Fire/Maneuver	154	167	178

Range 410	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn	USMC USA	Fire/Maneuver Fire/Maneuver	1877 154	1975 167	2067 184
Range 410A	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn	USMC USA	Fire/Maneuver Fire/Maneuver	1787 23	1807 35	1867 34
Range 500	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	2112	2163	2234
Range 601	Inf/Bn Avn/Sqdn Avn/SEAL	USMC USN	Fire/Maneuver Air/Gnd Ops	72 36	87 40	89 51
Range 603	Inf/Bn Avn/Sqdn	USMC	Fire/Maneuver	10	17	12
Range 605	Inf/Bn Avn/Sqdn Inf/Bn Avn/Sqdn Avn/SEAL Inf/Bn Avn/Sqdn	USMC USA USN Other	Fire/Maneuver Fire/Maneuver Air/Gnd Ops Fire/Maneuver	384 45 30 38	410 35 27 34	412 47 43 49

Mission Requirements

b. Projected Usage Requirements

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1994	**FY 1995**	**FY 1997**
America Mine	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2259	2372	2609
	Avn/SEAL	USN	Air/Gnd	26	30	44
Black Top	Inf/Bn Avn/Sqdn	USMC	Fire/Man	3346	3513	3865
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Bullion	Inf/Bn Avn/Sqdn	USMC	Fire/Man	5040	5292	5821
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Cleghorn Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Man	4299	4514	4966

Delta	Inf/Bn Avn/Sqdn	USMC	Fire/Man	7858	8251	9076
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
East	Inf/Bn Avn/Sqdn	USMC	Fire/Man	10865	11408	12549
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Emerson Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Man	4994	5244	5768
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Gays Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Man	6843	7186	7904
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213

Gypsum Ridge	Inf/Bn Avn/Sqdn	USMC	Fire/Man	8681	9115	10027
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Lava	Inf/Bn Avn/Sqdn	USMC	Fire/Man	6042	6344	6979
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Lavic Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Man	3346	3513	3865
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Lead Mountain	Inf/Bn Avn/Sqdn	USMC	Fire/Man	4935	5182	5700
	Inf/Bn Avn/Sqdn	USA	Fire/Man	355	376	390
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213

Mesa	Inf/Bn	USMC	Fire/Man	2977	3168	3326
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Maumee Mine	Inf/Bn	USMC	Fire/Man	3638	3820	4202
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Noble Pass	Inf/Bn	USMC	Fire/Man	5141	5398	5938
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Quackenbush Lake	Inf/Bn	USMC	Fire/Man	6402	6723	7395
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213

Rainbow Canyon	Inf/Bn	USMC	Fire/Man	4553	4781	5229
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Sandhill	Inf/Bn	USMC	Fire/Man	7825	8216	9038
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213
Sunshine Peak	Inf/Bn	USMC	Fire/Man	2758	2904	5227
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	264	336	345
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	120	103	117
	Avn/SEAL	USN	Air/Gnd	144	150	160
West	Inf/Bn	USMC	Fire/Man	3768	3956	4352
	Avn/Sqdn					
	Inf/Bn	USA	Fire/Man	355	376	390
	Avn/Sqdn					
	TFW/AW	USAF	Air Ops	122	131	142
	Avn/SEAL	USN	Air/Gnd	168	184	213

Range 100	Inf/Bn Avn/Sqdn	USMC	Fire/Man	268	282	310
	Avn/SEAL	USN	Air/Gnd	16	16	16
	Inf/Bn Avn/Sqdn	Other	Fire/Man	54	63	72
Range 103	Inf/Bn Avn/Sqdn	USMC	Fire/Man	1645	1727	1900
	Inf/Bn Avn/Sqdn	USA	Fire/Man	35	42	52
Range 105	Inf/Bn Avn/Sqdn	USMC	Fire/Man	451	474	521
Range 106	Inf/Bn Avn/Sqdn	USMC	Fire/Man	987	1036	1140
Range 107	Inf/Bn Avn/Sqdn	USMC	Fire/Man	1645	1727	1899
	Inf/Bn Avn/Sqdn	USA	Fire/Man	205	217	229
	Avn/SEAL	USN	Air/Gnd	208	219	231
	Inf/Bn Avn/Sqdn	Other	Fire/Man	93	103	110
Range 108	Inf/Bn Avn/Sqdn	USMC	Fire/Man	1645	1727	1900
	Inf/Bn Avn/Sqdn	USA	Fire/Man	205	217	229
	Avn/SEAL	USN	Air/Gnd	208	219	231
	Inf/Bn Avn/Sqdn	Other	Fire/Man	93	103	110

Range 109	Inf/Bn Avn/Sqdn	USMC	Fire/Man	992	1041	1146
	Inf/Bn Avn/Sqdn	USA	Fire/Man	205	217	229
	Avn/SEAL	USN	Air/Gnd	208	219	231
Range 110	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2210	2320	2552
	Inf/Bn Avn/Sqdn	USA	Fire/Man	205	217	229
	Avn/SEAL	USN	Air/Gnd	208	219	231
Range 111	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2053	2156	2372
	Inf/Bn Avn/Sqdn	USA	Fire/Man	107	112	119
Range 603	Inf/Bn Avn/Sqdn	USMC	Fire/Man	14	18	29
Range 605	Inf/Bn Avn/Sqdn	USMC	Fire/Man	432	454	499
	Inf/Bn Avn/Sqdn	USA	Fire/Man	52	58	65
	Avn/SEAL	USN	Air/Gnd	49	56	64
	Inf/Bn Avn/Sqdn	Other	Fire/Man	52	59	69
Range 112	Inf/Bn Avn/Sqdn	USMC	Fire/Man	1158	1216	1337
	Inf/Bn Avn/Sqdn	USA	Fire/Man	126	134	142
	Avn/SEAL	USN	Air/Gnd	128	139	145

Range 113	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2121	2227	2449
	Inf/Bn Avn/Sqdn	USA	Fire/Man	142	162	181
	Avn/SEAL	USN	Air/Gnd	128	135	145
Range 114	Inf/Bn Avn/Sqdn	USMC	Fire/Man	606	637	701
Range 201	Inf/Bn Avn/Sqdn	USMC	Fire/Man	311	327	360
	Inf/Bn Avn/Sqdn	USA	Fire/Man	37	45	51
Range 202	Inf/Bn Avn/Sqdn	USMC	Fire/Man	201	188	213
Range 400	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2053	2156	2372
	Inf/Bn Avn/Sqdn	USA	Fire/Man	183	198	209
Range 410	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2170	2278	2506
	Inf/Bn Avn/Sqdn	USA	Fire/Man	192	234	248
Range 410A	Inf/Bn Avn/Sqdn	USMC	Fire/Man	1960	2058	2264
	Inf/Bn Avn/Sqdn	USA	Fire/Man	39	45	54

Range 500	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2345	2462	2709
Range 601	Inf/Bn Avn/Sqdn Avn/SEAL	USMC USN	Fire/Man Air/Gnd	94 55	99 59	109 67

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1999	**FY 2001**	**Mobilization Requirement (2001)**
Same as FY-97 on Previous Chart in all categories	Same as above	Same as above	Same as above	Same as FY 1997	Same as FY 1997	Same as FY 1997

Mission Requirements

D. Academic Research. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box. Academic research is funded (except for 6.x and O&MN direct funded research) or non-funded scholarly activity by students in addition to required course work, by faculty above and beyond curriculum development, or conducted by others. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively. N/A

	EDUCATIONAL INSTITUTION:	
	FORMAL SCHOOL:	
	CAX	

Mission Requirements

1. Training Facilities. By Facility CCN, provide the usage *requirements for academic research* during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx, 179-xx, and other CCNs of facilities in which this research occurs. Place an "S," "F," "S/F," or "O" in the User(s) column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively.

a. Provide the usage requirements for research conducted in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **171-10 N/A**

Type of Training Facility	Design Capacity (PN)[1] per Type	Number	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **N/A**

Type of Training Facility	Design Capacity (PN) per Type	Number	User(s)	Project/ Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

2. Training Areas. Provide the usage *requirements for academic research* during the fiscal years indicated, for each land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) used by the educational institution, formal school, or CAX and in which research is conducted.

a. Provide the usage requirements for research conducted by students and faculty in conjunction with or in support of programmed courses of instruction or CAXs.

N/A

Training Area	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Mission Requirements

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

N/A

Training Area	User(s)	Project/Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Mission Requirements

E. RDT&E Support. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box. RDT&E support is activity conducted with 6.x or O&MN direct funding. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively. N/A

	EDUCATIONAL INSTITUTION:	
	FORMAL SCHOOL:	
	CAX	

Mission Requirements

1. Training Facilities. By Facility CCN, provide the usage *requirements for RDT&E support* during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx, 179-xx, and other CCNs of facilities used for this support role. Place an "S," "F," "S/F," or "O" in the User column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively.

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **179-30 N/A**

Type of Training Facility	Design Capacity (PN)[1] per Type	Number	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design Capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **N/A**

Type of Training Facility	Design Capacity (PN) per Type	Number	User(s)	Project/ Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

2. Training Areas. Provide the usage *requirements for RDT&E support* during the fiscal years indicated, for each land and water training area used by the educational institution, formal school, or CAX and in this supporting role; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

N/A

Training Area	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Mission Requirements

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

N/A

Training Area	User(s)	Project/Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Facilities

A. Courses of Instruction and CAXs. Respond to the following nine questions for each educational institution's, formal school's, and CAX's facilities, training areas, airspace, and airfields; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	Marine Corps Communication-Electronics School
	CAX	

Facilities

1. Training Facilities

a. Complete the following tables for all of the educational institution's, formal school's, or CAX's training facilities. The degree of detail used to list the types of training facilities in the succeeding tables should correspond with that used to identify course identifier facility requirements/usage in the Mission Requirements Section of this Data Call. Reproduce the tables at sub-paragraphs 1.f, 1.l, and 1.m so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

Facilities

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning).

Type of Training Facility	Design Capacity (PN)[1] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
General Academic Space:	**12**	**1**	**N**	**198**	**8**	**198**
General Academic Space:	**30**	**6**	**N**	**239**	**8**	**239**
General Academic Space:	**12**	**1**	**N**	**153**	**8**	**153**

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

General Academic Space:	**30**	**12**	**N**	**239**	**8**	**239**
General Academic Space:	**24**	**6**	**N**	**239**	**8**	**239**
General Academic Space:	**12**	**1**	**N**	**239**	**8**	**239**
General Academic Space:	**24**	**2**	**N**	**239**	**8**	**200**
General Academic Space:	**24**	**1**	**N**	**239**	**8**	**220**
General Academic Space:	**24**	**1**	**N**	**239**	**8**	**154**
General Academic Space:	**8**	**1**	**N**	**239**	**8**	**154**
General Academic Space:	**50**	**5**	**N**	**52**	**8**	**250**

General Academic Space:	**30**	**1**	**N**	**52**	**8**	**250**
General Academic Space:	**40**	**2**	**N**	**52**	**8**	**250**
Modified Academic Space:	**20**	**1**	**N**	**52**	**8**	**250**
Modified Academic Space:	**35**	**1**	**N**	**52**	**8**	**250**
Modified Academic Space:	**45**	**2**	**N**	**52**	**8**	**250**
Workbench Lecture Space:	**NA**					
Space for Hands-on Mockups:	**NA**					
Learning Center:	**NA**					

Facilities

(2) Complete the following table for all types of training facilities listed in the preceding table (question 1.b(1)) that can be reconfigured through subdivision by demountable partitioning.

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities
Sergeants Course N/A	100	1	N/A	N/A	N/A
TEECG CR	150	1	50,100		

Facilities

c. CCN: 171-20 (Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

Type of Training Facility	Design Capacity (PN)[2] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:	**60**	**1**	**N**	**416**	**16**	**250**
	30	**4**	**N**	**239**	**8**	**239**
	30	**5**	**N**	**239**	**8**	**239**
	24	**9**	**N**	**239**	**16**	**239**
	12	**10**	**N**	**239**	**8**	**239**
	12	**2**	**N**	**239**	**16**	**239**
	12	**6**	**N**	**239**	**24**	**239**
	24	**1**	**N**	**200**	**8**	**200**

[2]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

	24	**1**	**N**	**220**	**8**	**220**
	8	**1**	**N**	**154**	**8**	**154**
	12	**1**	**N**	**198**	**8**	**198**
	12	**3**	**N**	**239**	**16**	**239**
	12	**1**	**N**	**153**	**8**	**153**
	50	**1**	**N**	**52**	**8**	**250**
	45	**1**	**N**	**52**	**8**	**250**
	35	**1**	**N**	**52**	**8**	**250**
	30	**1**	**N**	**52**	**8**	**250**
	40	**2**	**N**	**52**	**8**	**250**
Special:	**10**	**1**	**N**	**52**	**8**	**250**
	30	**1**	**N**	**52**	**8**	**250**

Facilities

d. CCN: 171-35 (Operational Trainer)

Type of Training Facility	Design Capacity (PN)[3] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[3]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

e. CCN: 171-60 (Recruit Processing Facility) **N/A**

Type of Training Facility	Design Capacity (PN)[4] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr

[4]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

f. CCN: 171- **N/A**

Type of Training Facility	Design Capacity (PN)[5] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[5]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

g. CCN: 179-10 (Aircraft Gunnery, Bombing and Rocket Range). Ensure that at the minimum, ranges used for close air support training (CAS), if available, are identified; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

N/A

Type of Training Facility	Design Capacity (PN)[6] per type	Number	Location[7]	Size[8] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[6]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[7]Applies to ranges only; indicate camp or grid coordinate

[8]Applies to ranges only; include range fan

Facilities

h. CCN: 179-30 (Surface Projectile Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: heavy machine gun, anti-armor, tank/LAV, hand grenade, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

N/A

Type of Training Facility	Design Capacity (PN)[9] per type	Number	Location [10]	Size[11] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[9]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[10]Applies to ranges only; indicate camp or grid coordinate

[11]Applies to ranges only; include range fan

Facilities

i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

N/A

Type of Training Facility	Design Capacity (PN)[12] per type	Number	Location [13]	Size[14] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[12]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[13]Applies to ranges only; indicate camp or grid coordinate

[14]Applies to ranges only; include range fan

Facilities

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.
N/A

Type of Training Facility	Design Capacity (PN)[15] per type	Number	Location [16]	Size[17] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[16]Applies to ranges only; indicate camp or grid coordinate

[17]Applies to ranges only; include range fan

Facilities

k. CCN: 179-60 (Parade and Drill Field)

N/A

Type of Training Facility	Design Capacity (PN)[18] per type	Number	Location [19]	Size[20] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Grass Parade Field	Unlimited	1	CG HQ	7.34	NO	0	2	80

[18]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[19]Applies to ranges only; indicate camp or grid coordinate

[20]Applies to ranges only; include range fan

Facilities

1. CCN: 179-

N/A

Type of Training Facility	Design Capacity (PN)[21] per type	Number	Location [22]	Size[23] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[21]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[22]Applies to ranges only; indicate camp or grid coordinate

[23]Applies to ranges only; include range fan

Facilities

m. CCN:

N/A

Type of Training Facility	Design Capacity (PN)[24] per type	Number	Location [25]	Size[26] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[24]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[25]Applies to ranges only; indicate camp or grid coordinate

[26]Applies to ranges only; include range fan

Facilities

n. Describe any investment you see that could significantly increase your training capacity; include costs and indicate what additional capacity, in terms of training hours per year could be gained. No data submitted.

o. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors? Classroom spaces within MCCES receive full utilization. Many classrooms and lab facilities are used in excess of 16 hours per training day.

p. In the following table list courses supported by each operational trainer/simulator.

Operational Trainer/Simulator	Courses Supported by CIN
15A19	
MOUT	CAX- Increase capability not capacity to train. Training hours per year and increase by 320 hours per year (4 x 8 hour days x 10 CAXs).
5 Weapons Simulation	Marksmanship Training to be delivered by FY 95 to support all rifle, pistol, marksmanship to include night training.

Facilities

2. Training Areas. List all of the educational institution's, formal school's, or CAX's land and water training areas; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[27]	Non-Availability (FY 1993) (Hrs/Yr)
MCCES Berm	5 *	45	0

* Estimated.

[27]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

Facilities

3. Airspace. Define the educational institution's, formal school's, or CAX's airspace. All airspace used by MCCES is owned by Yuma Range control. These ranges are not physically located aboard or above MCAGCC, but are located east of the Salton Sea.

N/A

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency

4. Airfields. Complete the following table for each of the educational institution's, formal school's, or CAX's airfields. MCCES does not use or have any dedicated airfields.

N/A

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)

Facilities

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 Bldg 1661	**420**	**140**	**420**	**270 nsf**				
721-11 Bldg 1662	**324**	**108**	**324**	**270 nsf**				
721-11 Bldg 1664	**276**	**92**	**276**	**270 nsf**				
721-11 Bldg 1665	**288**	**96**	**288**	**270 nsf**				

*** 48 rooms in bldg 1664 were allocated to permanent personnel during this period. Those rooms are not included in the above data.**

*** MCCES only billets Enlisted Marines, SNCO's and Officers are billeted through MCAGCC.**

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 Bldg 1661	**420**	**140**	**420**	**270 nsf**				
721-11 Bldg 1662	**324**	**108**	**324**	**270 nsf**				
721-11 Bldg 1664	**276**	**92**	**276**	**270 nsf**				
721-11 Bldg 1665	**288**	**96**	**288**	**270 nsf**				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

e. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 Bldg 1636	64	32	64	180 nsf				
721-11 Bldg 1664	144	48	144	270 nsf				

*** The room allocation in building 1636 is a partial allocation of one wing of one deck of the building, remaining parts of the building are allocated and occupied by other units.**

*** The room allocation in building 1664 will be reduced to approximately 90 as the rooms in building 1636 are occupied.**

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

f. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

UIC: 67399

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

g. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 Bldg 1636	64	32	64	180 nsf				
721-11 Bldg 1664	144	48	144	270 nsf				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

* **No facility is allocated. messing is provided by other Combat Center organizations.**

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

* **No facility is allocated. messing is provided by other Combat Center organizations.**

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?

f. What is the average time a student or CAX participant spends in the facility (from arrival to departure) per meal?

Facilities

g. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

* **No facility is allocated. messing is provided by other Combat Center organizations.**

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

i. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

j. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

k. What are your normal hours of operation in the facilities listed above for each meal for permanent/support personnel?

l. What is the average time per person spent in the facility (from arrival to departure) per meal?

Facilities

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table allotted/dedicated for use by each educational institution, formal school, or CAX, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares		SF				
214-51	-Tank,Automotive (organizational Mnt.)	35	2880	2880			
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-10	-Elec & Comm Equipment	4	21000	21000			
218-50	-Misc Procured items & equipment (Battery Shop)	8	2000				
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-12	General Supply Storage - Covered	5 39	11928 4748	11928 4748			
451-xx	General Supply Storage -Open		"				
xxx-xx	Other						
Total	xxxxxx	xxx	42556	42556 Total SF	Total SF	Total SF	Total SF
411-xx	Liquid Storage Bulk		BL				

Facilities

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive	1	1	1	1	1	1
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment	1	1	1	1	1	1
218-xx	-Misc Procured items & equipment	1	1	1	1	1	1
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered	2	2	2	2	2	2
451-xx	General supply Storage Open						
xxx-xx	Other						
Total	xxxxxxxxxxxxxxxxxxxxx						
411-xx	Liquid storage Bulk						

Facilities UIC: _____

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	8 24 19	17610 32278 4120			54458
Automated data processing installation	610-20					
Legal services	610-40					
TOTAL	NA	NA				

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

N/A

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	3	3	3	3	3	3
610-20	Automatic data processing installation						
610-40	Legal Services						

Facilities

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

a. Provide the number of volumes maintained:

b. Provide the total seating capacity:

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	
Stack Area	
Film/Videotape Storage	
Film/Video Viewing Room	
Staff Area	
Classified Material Storage	680
Total:	680

Facilities

A. Courses of Instruction and CAXs. Respond to the following nine questions for each educational institution's, formal school's, and CAX's facilities, training areas, airspace, and airfields; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
X	**FORMAL SCHOOL:**	Sergeants Course
	CAX	

Facilities

1. Training Facilities

a. Complete the following tables for all of the educational institution's, formal school's, or CAX's training facilities. The degree of detail used to list the types of training facilities in the succeeding tables should correspond with that used to identify course identifier facility requirements/usage in the Mission Requirements Section of this Data Call. Reproduce the tables at sub-paragraphs 1.f, 1.l, and 1.m so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

Facilities

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning). **The example provided in bold type illustrates a formal school where its five 10 seat classrooms are closed to training one hour per week for cleaning/maintenance, and are scheduled for classes eight hours per day, five days per week.**

Type of Training Facility	Design Capacity (PN)[1] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
General Academic Space:	100	1	N	60 Hours	8	280
Modified Academic Space:	10	1	N	12 Hours	2	70
Workbench Lecture Space:						
Space for Hands-on Mockups:						
Learning Center:						

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

(2) Complete the following table for all types of training facilities listed in the preceding table (question 1.b(1)) that can be reconfigured through subdivision by demountable partitioning. **The example provided in bold type illustrates a formal school where four of its 45 seat classrooms are outfitted with demountable partitioning so as to be reconfigurable; two of the three classrooms can be reconfigured in the same way (the two possible reconfigurations produce the same design capacities). Each of the first two 45 seat classrooms can be subdivided once to produce two classrooms, one to seat 30 students, the other to seat 15; also in each case a second reconfiguration is possible by subdividing the original space twice to produce three classrooms to seat 15 students each. The third 45 seat classroom can be subdivided in only one way to produce two classrooms seating 25 and 20 students respectively. The fourth 45 seat classroom can also only be subdivided in one other way (into two 20 seat classrooms), but in the process loses some of its original seating capacity.**

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities
Sergeants Course-Academic	100	1	N/A	N/A	N/A
During FY-95 MTU's Classroom will be reconfigured for 5 simulators/4 students each					
TEECG Classroom (Academic)					

Facilities

c. CCN: 171-20 (Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

N/A

Type of Training Facility	Design Capacity (PN)[2] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
General: Academic Classroom						
Special:						

[2]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

d. CCN: 171-35 (Operational Trainer) **N/A**

Type of Training Facility	Design Capacity (PN)[3] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[3]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

e. CCN: 171-60 (Recruit Processing Facility) **N/A**

Type of Training Facility	Design Capacity (PN)[4] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[4]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

f. CCN: 171- **N/A**

Type of Training Facility	Design Capacity (PN)[5] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[5]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

g. CCN: 179-10 (Aircraft Gunnery, Bombing and Rocket Range). Ensure that at the minimum, ranges used for close air support training (CAS), if available, are identified; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[6] per type	Number	Location[7]	Size[8] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
NONE*								

*Sergeants Course does not use any Aircraft Gunnery, Bombing on Rocket Ranges.

[6]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[7]Applies to ranges only; indicate camp or grid coordinate

[8]Applies to ranges only; include range fan

Facilities

h. CCN: 179-30 (Surface Projectile Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: heavy machine gun, anti-armor, tank/LAV, hand grenade, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[9] per type	Number	Location[10]	Size[11] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Range 112*	Open Design	1	Range/Range Training Area	309	N	504	1	9
Range 113**	Open Design	1	Range/Range TA	4,417	N	504	3	9

* Sergeants Course fires MK-19 Automatic Grenade Launcher on Range 112
** Sergeants Course fires the M-60 and M2 .50 cal machine gun on Range 113

[9]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[10]Applies to ranges only; indicate camp or grid coordinate

[11]Applies to ranges only; include range fan

Facilities

i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[12] per type	Number	Location [13]	Size[14] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Range 113	Open Design	1	Range/Range	4,417	N	504	3	9

[12]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[13]Applies to ranges only; indicate camp or grid coordinate

[14]Applies to ranges only; include range fan

Facilities

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.

Type of Training Facility	Design Capacity (PN)[15] per type	Number	Location [16]	Size[17] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Obstacle Course	16 Phased Entry	1	PRTC Track	1	N	504	1.5	9
PRT Course	90	1	PRTC Track	37	N	504	2	9
PFT Course	90	1	Lake Bandini	56	N	504	2	18
Land Nav Course	90	1	Range 103	719	N	504	10	9

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[16]Applies to ranges only; indicate camp or grid coordinate

[17]Applies to ranges only; include range fan

Facilities

k. CCN: 179-60 (Parade and Drill Field) **N/A**

Type of Training Facility	Design Capacity (PN)[18] per type	Number	Location [19]	Size[20] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Parade Field *								

* Sergeants Course uses two large asphalt parking lots adjacent to the Sergeants Course Complex for Close Order Drill because the Generals Parade Field is a grass field not conducive to teaching/testing close order drills.

[18]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[19]Applies to ranges only; indicate camp or grid coordinate

[20]Applies to ranges only; include range fan

UIC: 67399

Facilities

1. CCN: 179- **N/A**

Type of Training Facility	Design Capacity (PN)[21] per type	Number	Location [22]	Size[23] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[21]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[22]Applies to ranges only; indicate camp or grid coordinate

[23]Applies to ranges only; include range fan

Facilities

m. CCN: **N/A**

Type of Training Facility	Design Capacity (PN)[24] per type	Number	Location [25]	Size[26] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[24]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[25]Applies to ranges only; indicate camp or grid coordinate

[26]Applies to ranges only; include range fan

Facilities

n. Describe any investment you see that could significantly increase your training capacity; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

At this time there are none for Sergeants Course. However, in the future, if we reach our maximum capacity of 135 students, a new classroom will be needed to support that number of students. Present classroom occupancy is 100.

o. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors? NONE, 0%. The new quotas for MCAGCC Sergeants Course place the course at near capacity. Vacant school seats are due to "no shows".

p. In the following table list courses supported by each operational trainer/simulator.
N/A for Sergeants Course

Operational Trainer/Simulator	Courses Supported by CIN
5 Weapons Simulators	
MOUT Facility/Briefing Sites	

Facilities

2. Training Areas. List all of the educational institution's, formal school's, or CAX's land and water training areas; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[27]	Non-Availability (FY 1993) (Hrs/Yr)
Range 112	319	90	504
Range 113	4,417	90	504
Range 103	2,757	90	504
PRTC Track	37	90	504

[27]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

Facilities

3. Airspace. Define the educational institution's, formal school's, or CAX's airspace.

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency
None for Sergeants Course			

4. Airfields. Complete the following table for each of the educational institution's, formal school's, or CAX's airfields.

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)
None for Sergeants Course		

Facilities

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 BEQ, Bldg 1464 (E-5)	117	39	3 (per rm)	270 (per rm)				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 BEQ 1464 (E-5)	117	39	3 (per rm)	270 (per rm)				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

e. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 BEQ 1464 (E-1 - E-4)	9	3	9	270 (per rm)				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

f. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

g. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11 BEQ 1464 (E-1 - E-4)	9	3 rooms	9	270 (per rm)				

*** CCN 721-11 used for all reporting purposes aboard MCAGCC, CCN data for specific pay grades unavailable.**

Note: Potential requirement for additional officer/enlisted personnel billeting as T/O expands and O&T gets a new T/O.

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?

(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

All Sergeants Course Students draw per diem and are authorized to subsist at any mess hall or restaurant aboard MCAGCC or out in town. Cooking in rooms is not authorized but all rooms have refrigerators.

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE:
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
None for Sergeants Course								

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?

f. What is the average time a student or CAX participant spends in the facility (from arrival to departure) per meal?

Facilities

g. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
None for Sergeants Course								

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

i. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
None for Sergeants Course								

j. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

k. What are your normal hours of operation in the facilities listed above for each meal for permanent/support personnel?

l. What is the average time per person spent in the facility (from arrival to departure) per meal?

Facilities

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table allotted/dedicated for use by each educational institution, formal school, or CAX, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment						
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered	25 years	4200	4200			4200
451-xx	General Supply Storage -Open						
xxx-xx	Target Fabrication/Maintenance Facility						
Total	xxxxxx	xxx	xxx	Total SF	Total SF	Total SF	Total SF
411-xx	Liquid Storage Bulk		BL				

Facilities

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment						
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered	4200	4200	4200	4200	4200	4200
451-xx	General supply Storage Open						
xxx-xx	Target Fabrication/Maintenance						
Total	xxxxxxxxxxxxxxxxxxxxx						
411-xx	Liquid storage Bulk						

Facilities

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	30 years	1180 sq ft	600 sq ft		1780 sq ft
Automated data processing installation	610-20	None				
Legal services	610-40	None				
TOTAL	NA	NA	1180 sq ft	600 sq ft		1780

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	1780 sq ft	1780 sq ft	1780 sq ft	1780 sq ft	1780 sq ft	1780 sq ft
610-20	Automatic data processing installation	None					
610-40	Legal Services	None					

Note: T/O increases would necessarily require administrative office space increases as we are presently "at capacity".

Facilities

A. Courses of Instruction and CAXs. Respond to the following nine questions for each educational institution's, formal school's, and CAX's facilities, training areas, airspace, and airfields; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	
	FORMAL SCHOOL:	
X	**CAX**	COMBINED ARMS EXERCISE

Facilities

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

a. Provide the number of volumes maintained: 240

b. Provide the total seating capacity: 10*

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	N/A
Stack Area	10 sq ft
Film/Videotape Storage	N/A
Film/Video Viewing Room	N/A
Staff Area	
Classified Material Storage	
Total:	10 sq ft

*Sergeants Course computer lab also provides library space. No dedicated space for student reading is available. Students may check out a book and read it in their BEQ room.

Facilities

1. Training Facilities

a. Complete the following tables for all of the educational institution's, formal school's, or CAX's training facilities. The degree of detail used to list the types of training facilities in the succeeding tables should correspond with that used to identify course identifier facility requirements/usage in the Mission Requirements Section of this Data Call. Reproduce the tables at sub-paragraphs 1.f, 1.l, and 1.m so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

Facilities

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning). **The example provided in bold type illustrates a formal school where its five 10 seat classrooms are closed to training one hour per week for cleaning/maintenance, and are scheduled for classes eight hours per day, five days per week.**

Type of Training Facility	Design Capacity (PN)[1] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space:	150	1	N	0 Hours	8	300
Modified Academic Space:						
Workbench Lecture Space:						
Space for Hands-on Mockups:						
Learning Center:						

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

(2) Complete the following table for all types of training facilities listed in the preceding table (question 1.b(1)) that can be reconfigured through subdivision by demountable partitioning. **The example provided in bold type illustrates a formal school where four of its 45 seat classrooms are outfitted with demountable partitioning so as to be reconfigurable; two of the three classrooms can be reconfigured in the same way (the two possible reconfigurations produce the same design capacities). Each of the first two 45 seat classrooms can be subdivided once to produce two classrooms, one to seat 30 students, the other to seat 15; also in each case a second reconfiguration is possible by subdividing the original space twice to produce three classrooms to seat 15 students each. The third 45 seat classroom can be subdivided in only one way to produce two classrooms seating 25 and 20 students respectively. The fourth 45 seat classroom can also only be subdivided in one other way (into two 20 seat classrooms), but in the process loses some of its original seating capacity.**

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities
TEECG Classroom (Academic)	150	1	50, 100	N/A	N/A

Facilities

c. CCN: 171-20 (Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

Type of Training Facility	Design Capacity (PN)[2] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
General: Academic Classroom	150	1	N	0	8	300
Special:						

[2]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

d. CCN: 171-35 (Operational Trainer)

Type of Training Facility	Design Capacity (PN)[3] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
CAST Training Facility (Applied Instruction)	165	1	N	56 hours/year	8	100

[3]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

e. CCN: 171-60 (Recruit Processing Facility) **N/A**

Type of Training Facility	Design Capacity (PN)[4] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[4]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

f. CCN: 171- **N/A**

Type of Training Facility	Design Capacity (PN)[5] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[5]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

g. CCN: 179-10 (Aircraft Gunnery, Bombing and Rocket Range). Ensure that at the minimum, ranges used for close air support training (CAS), if available, are identified; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[6] per type	Number	Location[7]	Size[8] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Weapons Impact Scoring System (WISS)	N/A	1	Emerson Lake (Range 603)	1870	N	504*	1	10
Doorgunner's Range	N/A	1	Sunshine Peak (Range 605)	6210	N	504	8	51

[6]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[7]Applies to ranges only; indicate camp or grid coordinate

[8]Applies to ranges only; include range fan

Sensitive Munitions Range	N/A	1	Rainbow Canyon (Range 601)	1870	Y	504	0.5	178
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	America Mine	19,840	Y	504	8	250
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Blacktop	38,720	Y	504	12	253
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Bullion	36,480	Y	504	17	277
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Delta	39,680	Y	504	22	330
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Emerson Lake	43,520	Y	504	18	261
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Gays Pass	26,880	Y	504	19	331
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Gypsum Ridge	34,560	Y	504	18	340

Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Lava	47,360	Y	504	22	308
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Lavic Lake	138,240	Y	504	24	223
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Lead Mountain	44,160	Y	504	18	246
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Maumee Mine	57,600	Y	504	12	275
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Mesa	13,440	Y	504	16	205
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Noble Pass	26,240	Y	504	18	269
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Quacken-bush Lake	23,040	Y	504	18	325
Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Rainbow Canyon	31,560	Y	504	18	238

Aircraft Gunnery, Bombing, Rocket Range	N/A	1	Sunshine Peak	62,760	Y	504	24	344

*All ranges were closed (non-available) for a 21 day Christmas break in FY-93 and available the remainder of the year.

Facilities

h. CCN: 179-30 (Surface Projectile Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: heavy machine gun, anti-armor, tank/LAV, hand grenade, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[9] per type	Number	Location [10]	Size[11] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Grenade Range	N/A	1	Range 108 (Range)	719	N	504	8	196
Tank/LAV Range	N/A	1	Range 500 (Cleghorn)	138,240	N	504	14	279

[9]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[10]Applies to ranges only; indicate camp or grid coordinate

[11]Applies to ranges only; include range fan

Tank Table VII	N/A	1	Range 111 (Range)	5,069	N	504	8	244
Tank Table VIII	N/A	1	Range 113 (Range)	4,417	N	504	8	252
Tank Sub-Miniature	N/A	1	Range 106 (Range)	2,849	N	504	8	117
Mortar Range	N/A	1	Range 109 (Range)	1,198	N	504	8	118
Platoon Assault	N/A	2	Ranges 410/410A (Cleghorn)	790	Y	504	10	258
Company Assault	N/A	1	Range 400 (Cleghorn)	1,382	Y	504	10	244
Surface Projectile Range	N/A	1	America Mine	19,840	Y	504	18	250
Surface Projectile Range	N/A	1	Blacktop	38,720	Y	504	12	253
Surface Projectile Range	N/A	1	Bullion	36,480	Y	504	17	277

Surface Projectile Range	N/A	1	Delta	39,680	Y	504	22	330
Surface Projectile Range	N/A	1	Emerson Lake	43,520	Y	504	18	261
Surface Projectile Range	N/A	1	Gays Pass	26,880	Y	504	19	331
Surface Projectile Range	N/A	1	Gypsum Ridge	34,560	Y	504	18	340
Surface Projectile Range	N/A	1	Lava	47,360	Y	504	22	308
Surface Projectile Range	N/A	1	Lavic Lake	138,240	Y	504	24	223
Surface Projectile Range	N/A	1	Lead Mountain	44,160	Y	504	18	246
Surface Projectile Range	N/A	1	Maumee Mine	57,600	Y	504	12	275
Surface Projectile Range	N/A	1	Mesa	13,440	Y	504	16	205
Surface Projectile Range	N/A	1	Noble Pass	26,240	Y	504	18	269
Surface Projectile Range	N/A	1	Quacken-bush Lake	23,040	Y	504	18	325

Surface Projectile Range	N/A	1	Rainbow Canyon	31,560	Y	504	18	238
Surface Projectile Range	N/A	1	Sunshine Peak	62,760	Y	504	24	344

Facilities

i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number.

Type of Training Facility	Design Capacity (PN)[12] per type	Number	Location [13]	Size[14] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Squad Defense Range	156	1	Range 107	2,300	N	504	8	196
Squad Offense Range	50	1	Range 110	3,686	N	504	8	263
Fire and Maneuver Range	N/A	1	America Mine	19,840	Y	504	8	250

[12]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[13]Applies to ranges only; indicate camp or grid coordinate

[14]Applies to ranges only; include range fan

Fire and Maneuver Range	N/A	1	Blacktop	38,720	Y	504	12	253
Fire and Maneuver Range	N/A	1	Bullion	36,480	Y	504	17	277
Fire and Maneuver Range	N/A	1	Delta	39,680	Y	504	22	330
Fire and Maneuver Range	N/A	1	Emerson Lake	43,520	Y	504	18	261
Fire and Maneuver Range	N/A	1	Gays Pass	26,880	Y	504	19	331
Fire and Maneuver Range	N/A	1	Gypsum Ridge	34,560	Y	504	18	340
Fire and Maneuver Range	N/A	1	Lava	47,360	Y	504	22	308
Fire and Maneuver Range	N/A	1	Lavic Lake	138,240	Y	504	24	223
Fire and Maneuver Range	N/A	1	Lead Mountain	44,160	Y	504	18	246
Fire and Maneuver Range	N/A	1	Maumee Mine	57,600	Y	504	12	275
Fire and Maneuver Range	N/A	1	Mesa	13,440	Y	504	16	205
Fire and Maneuver Range	N/A	1	Noble Pass	26,240	Y	504	18	269

Fire and Maneuver Range	N/A	1	Quacken-bush Lake	23,040	Y	504	18	325
Fire and Maneuver Range	N/A	1	Rainbow Canyon	31,560	Y	504	18	238
Fire and Maneuver Range	N/A	1	Sunshine Peak	62,760	Y	504	24	344

Facilities

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.

Type of Training Facility	Design Capacity (PN)[15] per type	Number	Location [16]	Size[17] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Obstacle Course	16 (4 phases)	1	Main Camp	1	N	None	2	275
PRT Course	Open	1	Main Camp	37	N	None	4	300
PFT Course	Open	1	Main Camp	56	N	None	4	300
Land Nav Course	Open	1	Main Camp	719	N	None	4	48

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[16]Applies to ranges only; indicate camp or grid coordinate

[17]Applies to ranges only; include range fan

Facilities

k. CCN: 179-60 (Parade and Drill Field)

Type of Training Facility	Design Capacity (PN)[18] per type	Number	Location [19]	Size[20] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Parade Field	Open	1	Main Camp	7.34	N	None	3	84

[18]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[19]Applies to ranges only; indicate camp or grid coordinate

[20]Applies to ranges only; include range fan

Facilities

1. CCN: 179- **N/A**

Type of Training Facility	Design Capacity (PN)[21] per type	Number	Location [22]	Size[23] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[21]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[22]Applies to ranges only; indicate camp or grid coordinate

[23]Applies to ranges only; include range fan

Facilities

m. CCN: **N/A**

Type of Training Facility	Design Capacity (PN)[24] per type	Number	Location [25]	Size[26] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[24]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[25]Applies to ranges only; indicate camp or grid coordinate

[26]Applies to ranges only; include range fan

Facilities

n. Describe any investment you see that could significantly increase your training capacity; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

In order to obtain the maximum training benefit and opportunity for the Marine Corps from the Combined Arms Exercise (CAX) program, a schedule of four enhanced (35 days) CAXs and four (22 days) CAXs that support regular Marine forces and two (14 days) CAXs for support of Marine Corps Reserve forces is necessary. This schedule also enables the Combat Center to provide training opportunities for other critical Marine Corps training such as the 11th Marines, Desert Firing Exercise and training, annual Tank and LAV gunnery qualifications; Army, Navy, and Special Operation Forces and all Joint and international exercises.

Achieving the CAX combination of four ECAXs, four standard active duty CAXs, and two Reserve CAXs increases the MCAGCC training capacity from 35,400 Marines training 186 days annually of 46,800 Marines training 256 days annually. Each ECAX trains approximately 5,700 Marines, each standard active duty CAX trains approximately 3,500 Marines, and each Reserve CAX trains approximately 5,000 Marines. This maximization program increases the total number of Marines trained annually by 11,400 and increases annual training days by 70 days (1,680 hours) at a total cost of $ 60.3M

The investment required to provide adequate support for subject schedule is as follows:

Tactical Exercise Evaluation Control Group, Range Control, Range Maintenance and Range Safety personnel increases of 39 officers, 80 enlisted, 9 civilians.

Rebuild multi-purpose range complex to four lanes and additional targetry, cost $8 million.

Other Range Improvements:

- Move WISS	$600,000
- P-542, MOUT	$1 Million
- P-507, Multi-purpose Machine Gun Range	$2.73 Million

- P-508, Infantry Squad Battle Course	$1.1 Million
- Strafing Range	$50,000
- LAV Gunnery Range	$5 Million
- Environmental Assessments for above projects	$3 Million
* Microwave Communications	$8 Million

Range and Air Traffic Control Facility - requires upgrade in equipment and facility to combine fully operation air traffic control facility capability as well as state of art range control assets. Cost $5 Million.

Equipment Allowance Pool - requires expansion to approved enhanced T/E level. Cost approximately $13,444,000.

Exercise Support Base

- Messhall improvement ($2 Million)

- Construction of additional expeditionary huts to support billeting (approximately 100 D-huts, $2.5 Million)

- Construction of additional head/shower facilities ($1 Million)

- Improvement of utilities system to ESB ($2 Million)

- Construction of outdoor classrooms ($300,000)

- Improve existing communication lines/fiber optic capability ($1 Million) to ESB.

MCAGCC Support Structure

- Personnel increase in TMO, ordnance, supply - 40 enlisted

Facilities

- Construction of small arms building ($1.5 Million)

- Construction of high explosive magazine ($350,000)

- Installation of two 250,000 gallon fuel tanks to provide fuel to Expeditionary Airfield in order to assist with state and federal environmental requirements ($250,000)

Improvements to CAST Trainer Facility ($1 Million)

Fiscal increase of O&M to support increased training and facilities ($1.5 Million)

o. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors? N/A

p. In the following table list courses supported by each operational trainer/simulator.

Operational Trainer/Simulator	Courses Supported by CIN

MOUT Facility/Briefing Sites	CAX--Will increase capability to train, not capacity. Training hours per year will increase by 320 hours per year (4 X 8 hour days X 10 CAXs).

Facilities

2. Training Areas. List all of the educational institution's, formal school's, or CAX's land and water training areas; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[27]	Non-Availability (FY 1993) (Hrs/Yr)
Range 400 Complex	1,382	Infantry Company	504
Delta Corridor (MAC)	39,680	Company Task Force	504
Quackenbush, Gays Pass (ASCEX, FSCEX)	23,040, 26,880	Infantry Battalion	504
Lava (FSCAL)	47,360	20	504
Delta (FSCAL)	39,680	1820	504
Noble Pass (FSCAL)	26,240	1820	504
Gypsun Ridge (FSCAL)	34,560	1820	504
Quackenbush Lake (FSCAL)	23,040	1820	504
Gays Pass (FSCAL)	26,880	1820	504
Mesa (FSCAL)	13,440	1820	504
Maumee Mine (FSCAL)	57,600	1820	504

[27]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

Emerson Lake (FSCAL)	43,520	1820	504
Lavic Lake (FSCAL)	138,240	1820	504
Rainbow Canyon (FSCAL)	31,360	1820	504
Range III (FSCAL)	5,069	1820	504

Facilities

3. Airspace. Define the educational institution's, formal school's, or CAX's airspace.

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency
R-2501E	19 X 13 nmi	MCAGCC	MCAGCC
Bristol MOA	19 X 24 nmi	FAA	FAA LA Center

4. Airfields. Complete the following table for each of the educational institution's, formal school's, or CAX's airfields.

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)
MCAS El Toro	Orange County, California	USMC
NAS Miramar	San Diego, California	USN
NAS Lemoore	Lemoore, California	USN
Luke AFB	Goodyear, Arizona	USAF
Nellis AFB	Clark County, Nevada	USAF

Facilities

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate *		Substandard *		Inadequate *	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
A-Frame (Expeditious Construction)	3300	110						

* N/A - expeditionary environment

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1464 (E-5)	117	39	3 (per rm)	270 (per rm)				

Note: No contract for more billeting at Camp Wilson (Metal A-Frames). However, as ECAX continues, me be tasking for Marine Combat Engineer Battalion or Navy SeaBees to construct additional shelters.

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

e. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
Bldg 1466	14	5	14	270 (per rm)				

f. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

g. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1464 (E-1 - E-4)	9	3 rooms	9	270 (per rm)				

Note: Potential requirement for additional officer/enlisted personnel billeting as T/O expands and O&T gets a new T/O.

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Field Mess Building *	4800							0**

* ESB facility is assigned to serve 2,500 meals/day in an expeditionary environment (no seating).
** Noon Meals are traditionally MREs. Field Mess Facility serves breakfast and evening meal only.

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE: Field Mess Facility
(2) WHAT MAKES IT INADEQUATE: Too Small. Uncovered eating area in desert environment (enclosed food preparation area and serving line).
(3) WHAT USE IS BEING MADE OF THE FACILITY? Field Mess Facility
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $15,000 (installation of shade cloth over wooden framework.)
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None. N/A.
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Reserves installing 120' X 40' concrete slab to expand eating area. USMCR funded, cost unknown.
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? None.

Facilities

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with **another** plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Field Mess Building *	4800							0**

* ESB facility is assigned to serve 2,500 meals/day in an expiditionary environment (no seating).
** Noon Meals are traditionally MREs. Field Mess Facility serves breakfast and evening meal only.

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?

f. What is the average time a student or CAX participant spends in the facility (from arrival to departure) per meal?

Facilities

g. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
None								

h. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

i. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
None								

j. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

k. What are your normal hours of operation in the facilities listed above for each meal for permanent/support personnel?

l. What is the average time per person spent in the facility (from arrival to departure) per meal?

UIC: 67399

Facilities

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table allotted/dedicated for use by each educational institution, formal school, or CAX, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment	35 years	SF		5000		5000
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered	7 years	SF	900			900
451-xx	General Supply Storage -Open						
xxx-xx	Target Fabrication/Maintenance Facility						
Total	xxxxxx	xxx	xxx	Total SF 900	Total SF 5000	Total SF	Total SF 5900
411-xx	Liquid Storage Bulk		BL				

Facilities

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment	5000	5000	5000	5000	5000	5000
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered	900	900	900	900	900	900
451-xx	General supply Storage Open						
xxx-xx	Target Fabrication/Maintenance						
Total	xxxxxxxxxxxxxxxxxxxxx	5900	5900	5900	5900	5900	5900
411-xx	Liquid storage Bulk						

Facilities

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	7 years	840 sq ft			840 sq ft
Automated data processing installation	610-20	None				
Legal services	610-40	None				
TOTAL	NA	NA	840 sq ft			840

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	840 sq ft	840 sq ft	840 sq ft	840 sq ft	840 sq ft	840 sq ft
610-20	Automatic data processing installation	None					
610-40	Legal Services	None					

Note: T/O increases would necessarily require administrative office space increases as we are presently "at capacity".

Facilities

B. Other Training Center/School Facilities. Respond to the following nine questions regarding all other facilities, training areas, airspace, and airfields *not included* in response to questions in Facilities Section A.

1. Training Facilities

a. By Facility CCN, complete the following table *for all facilities not reported in Facilities Section A* in which training is conducted. Create additional tables so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. For CCN 171-20, indicate general or specialized instruction facilities. Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

Facilities

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

a. Provide the number of volumes maintained: 240

b. Provide the total seating capacity: 10*

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	N/A
Stack Area	
Film/Videotape Storage	N/A
Film/Video Viewing Room	N/A
Staff Area	240 sq ft**
Classified Material Storage	120 sq ft***
Total:	360 sq ft

*Sergeants Course computer lab also provides library space. No dedicated space for student reading is available. Students may check out a book and read it in their BEQ room.
**TEECG conference room/VCR for training.
***S-2 office at TEECG is designated strongroom for storage of classified material.

Facilities

b. CCN: 171-10 **N/A**

Type of Training Facility	Design Capacity (PN)[41] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[41]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

c. CCN: 171-20 **N/A**

Type of Training Facility	Design Capacity (PN)[42] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average 1Training Hrs/Day	Average Training Days/Yr
General:						
Special						

[42]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

d. CCN: 171-35 **N/A**

Type of Training Facility	Design Capacity (PN)[43] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[43]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

e. CCN: 171- **N/A**

Type of Training Facility	Design Capacity (PN)[44] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr

[44]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Facilities

f. CCN: 179-30

Type of Training Facility	Design Capacity (PN)[45] per type	Number	Location [46]	Size[47] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
EDUCATION OFF (SEE NOTE #1)		1	1524 N	6630 SQ FT	NO	N/A		
CMC (SEE NOTE #2)	55	1	1526 N	1161 SQ FT	no	N/A	SEE NOTE #2	SEE NOTE #2

* NOTE #1
EDUCATION SERVICE OFFICE
BLDG 1524N 6630 SQ FT
PRIVATE OFFICE SPACE 100 SQ FT

[45]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[46]Applies to ranges only; indicate camp or grid coordinate

[47]Applies to ranges only; include range fan

OFFICE SPACE 575 SQ FT
STORAGE SPACE (2) 9 X 13 - 234 SQ FT EACH
MAIN CLASS ROOM 468 SQ FT/CAPACITY 22/**USED 4 HRS PER WK/208 HRS PER YR**
CLASSROOM #1 234 SQ FT/CAPACITY 15
CLASSROOM #2 234 SQ FT /CAPACITY 15

* NOTE #2
COPPER MOUNTAIN CAMPUS
BLDG 1526N 1161 SQ FT
OFFICE SPACE 228 SQ FT
PRIVATE OFFICE SPACE 104 SQ FT
OFFICE SPACE (GENERAL) 513 SQ FT
OFFICE CLASSROOM 789 SQ FT/CAPACITY 55/USED APPROX 551 HRS OVER AN 18WK SEMESTER/DAILY USAGE VARIES DEPENDING ON COURSE SCHEDULE. POC @CMC IS MRS. CHERYL COOK, X6133

Facilities

g. CCN: 179- **N/A**

Type of Training Facility	Design Capacity (PN)[48] per type	Number	Location [49]	Size[50] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[48]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[49]Applies to ranges only; indicate camp or grid coordinate

[50]Applies to ranges only; include range fan

Facilities

h. CCN: **N/A**

Type of Training Facility	Design Capacity (PN)[51] per type	Number	Location [52]	Size[53] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[51]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[52]Applies to ranges only; indicate camp or grid coordinate

[53]Applies to ranges only; include range fan

Facilities

i. Describe any investments you see that could significantly increase your capacity to accomplish the mission; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

N/A

j. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors?

This MCAGCC Education Service Office just established its classroom space and has been in full utilization since opening.

2. Training Areas

a. List all of the Training Center's/School's land and water *training areas not previously reported in Facilities Section A*; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

N/A

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[54]	Non-Availability (FY 1993) (Hrs/Yr)

[54]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

Facilities

3. Airspace. Define the Training Center's/School 's *airspace not previously reported in Facilities Section A.*

N/A

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency

4. Airfields. Complete the following table for each of the Training Center's/School's airfields *not previously reported in Facilities Section A.*

N/A

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)

Facilities

5. Billeting

a. Provide data on the Training Center's/School's BOQs and BEQs *currently allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX* (not reported in Facilities Section A). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1403 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1412 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1423 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1443 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1462 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1463 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1464 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1465 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1466 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1467 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1607 (CCN 721-11)	336	168	336	30240	0		0	

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1616 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1627 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1636 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1645 (CCN 721-11)	336	168	336	30240	0		0	

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the BOQs and BEQs *projected to be allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX in FY 1997* (not reported in Facilities Section A). The desired unit of measure for this capacity is people **housed**. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1403 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1412 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1423 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1443 (CCN 721-11)	384	192	384	34560	0		0	
BEQ 1462 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1463 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1464 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1465 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1466 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1467 (CCN 721-11)	288	96	288	25920	0		0	
BEQ 1607 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1616 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1627 (CCN 721-11)	336	168	336	30240	0		0	

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1636 (CCN 721-11)	336	168	336	30240	0		0	
BEQ 1645 (CCN 721-11)	336	168	336	30240	0		0	

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its ***students or CAX participants***, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messhall 1610	18,772	900	10,200					600-650
Messhall 1420	18,772	900	10,200					700-750
Messhall 1630	18,640	900	10,200					900-1000
Messhall 1650	19,310	900	10,200					CLOSED
Camp Wilson (Used as a field mess)	4,772	*						

* Expeditionary environment, no seating.

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Facilities

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messhall 1610	18,772	900	10,200					600-650
Messhall 1420	18,772	900	10,200					700-750
Messhall 1630	18,640	900	10,200					900-1000
Messhall 1650	19,310	900	10,200					CLOSED
Camp Wilson mess *	4,772							

* Used as a field mess, standing only - no seating.

d. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?

f. What is the average time a student or CAX participant spends in the facility (from arrival to departure) per meal?

Facilities

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table which exists at the Training Center/School and *not previously reported in Facilities Section A*, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
214-xx	Automotive Maint,	20	SF	507,961	0	0	507,961
216-xx	Special Wpns Shop		SF	5,310	0	0	5,310
217-xx	Elec & Comm Equipment	35	SF	76,763	0	11,370	88,133
218-xx	Misc Procured items & equipment	35	SF	13,829	0	0	13,892
219-xx	Installation Repair & Operation	20	SF	31,484	0	765	32,249
421-xx	Ammo Storage-Installation	18	SF	67,328	0	0	67,328
441-xx	General Supply Storage - Covered	25	SF	361,776	4,640	71,924	438,340
451-xx	General Supply Storage - Open	10	SF	16,880	0	0	16,880
Total	xxxxxx	xxx	xxx	1,081,331 Total SF	4,640 Total SF	83,294 Total SF	Total SF

Facilities

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
214-xx	Automotive Maint	537,961	537,961	537,961	537,961	537,961	537,961
216-xx	Special Wpns Shop	5,310	5,310	5,310	5,310	5,310	5,310
217-xx	Elec & Comm Equipment	88,133	88,133	88,133	88,133	88,133	88,133
218-xx	-Misc Procured items & equipment	13,892	13,892	13,892	13,892	13,892	13,892
219-xx	-Installation Repair & Operation	32,249	32,249	32,249	32,249	32,249	32,249
421-xx	Ammo Storage-Installation	92,328	92,328	92,328	92,328	92,328	92,328
441-xx	General Supply Storage -Covered	463,340	463,340	463,340	463,340	463,340	463,340
451-xx	General supply Storage Open	16,880	16,880	16,880	16,880	16,880	16,880
Total	xxxxxxxxxxxxxxxxxxxxx	1,250,093	1,250,093	1,250,093	1,250,093	1,250,093	1,250,093

Facilities

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of Training Center/School facilities designated or used for administrative purposes and *not previously reported in Facilities Section A.*

Building type	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	41	71,260	77,063	20,456	168,779
Automatic data processing installation	610-20	41	6,630	3,315	0	9,945
Legal services	610-40	41	0	3,612	0	3,612
TOTAL	NA	NA	77,890	83,990	20,456	182,336
MEF/MEB/MEU Headquarters	610-70	4	29,958	0	0	29,958
Regiment/Group Headquarters	610-71	4	14,200	0	0	14,200
Battalion[55]/Squadron Headquarters	610-72	40	122,912	9,345	20,975	153,232
TOTAL	NA	NA	167,070	9,345	20,975	197,390

[55]Include company/battery administrative spaces

Facilities

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	104,400	104,400	104,400	104,400	104,400	104,400
610-20	Automatic data processing installation	9,048	9,048	9,048	9,048	9,048	9,048
610-40	Legal Services	13,260	13,260	13,260	13,260	13,260	13,260
610-xx	MEF/MEB/MEU Headquarters	29,958	0	0	0	0	0
610-71	Regiment/Group Headquarters	14,200	28,400	28,400	28,400	28,400	28,400
610-72	Battalion/Squadron Headquarters	167,070	167,070	167,070	167,070	167,070	167,070

Facilities

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

a. Provide the number of volumes maintained:

b. Provide the total seating capacity:

c. In the following table provide the total square footage for the areas indicated:

Training Audiovisual Support Center (TAVSC) Library

Library Spaces	Square Footage
Reading Area	None
Stack Area	None
Film/Videotape Storage	145 Video Tapes/ No Seating Capacity/112 sq ft
Film/Video Viewing Room	None
Staff Area	184 sq ft
Classified Material Storage	NONE
Total:	296 sq ft

Combat Center Library (Combat Center Library's resources have been utilized to support course of material.)

Library Spaces	Square Footage
Reading Area	217
Stack Area	1,057
Film/Videotape Storage	154
Film/Video Viewing Room	65
Staff Area	252
Classified Material Storage	NONE
Total:	1,745

Features and Capabilities

UIC: 67399

A. Expansion[56]

1. Assuming that the Training Center/School is not constrained by operational funding, (personnel support, increased overhead costs, etc.), with the *present* physical plant, facilities etc., **what additional FMF units by type could be assigned?** Provide details and assumptions for all calculations.

- MCAGCC could support one additional infantry battalion. This is provided that the current deployment rotation continues. Currently MCAGCC can accommodate three battalions at any one time. Consequently, three battalions would be at MCAGCC continuously with one on deployment.

- MCAGCC could also support two additional AAV companies. There is currently surplus capacity in the AAV compound to increase the allowance by this amount.

2. Assuming that additional MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

- From a facilities standpoint MCAGCC could accommodate up to two additional regiments configured as two infantry regiments or one artillery and one infantry regiment given additional MILCON. An additional regiment could fit within developable land currently surrounding the built-up area at mainside. A second regiment could be sited in the area immediately west of mainside and east of the Expeditionary Airfield. However, the second regiment will cause impacts to training as described below in paragraph 3. Preliminary calculations for additional MILCON are presented below:

FACILITY REQUIREMENTS DATA TO HOUSE AN INCOMMING TANK BATTALION.

TANK BATTALION: 42 OFFICERS 674 ENLISTED 27 OTHERS

EQUIPMENT

RECOVERY VEH	6 M88A1 RETRIEVER
M1A1 TANKS	58
TRUCKS	168
TRAILERS	59
COMM VEHICLES	14
GENERATORS	21
MISC	51

CATEGORY CODE

123.10	FILLING STATION	3 OL	125,000
122.15	FILLING STA BUILDING	36 SF	3,600
124.50	VEH READY FUEL		**
143.45	ARMORY	4,500 SF	571,320
171.10	ACADEMIC INSTR/CLASSROOMS	1,000 SF	117,300
171.45	MC/TRNG PREP CTR		SHARED
179.40	SM ARMS RNG/OUT		SHARED
179.45	TRNG MOCK-UPS		**
179.50	TRAINING COURSE		SHARED
179.55	CBT TRNG POOL/TANK		SHARED
179.60	PARADE FIELD		SHARED
211.99	HAZARDOUS MAT STOR	3,000 SF	120,000
214.30	REFUEL VEH SHOP		SHARED
214.40	VEH HOLD SHED	36,250 SF	797,500
214.51	ORGN VEH MAINT	28,497 SF	3,067,417
214.55	VEH WASH PLATFORM	5,400 SF	135,000
214.56	VEH GREASE PLATFORM	3 EA	135,000
217.10	COMM/ELEX SHOP	6,000 SF	794,880

218.50	BATTERY SHOP		**
218.51	BATTERY RECHARGING SHOP		**
411.70	VAPOR COLLECTION SYS		**
412.25	LUBE STORAGE	SEE CC 211.99	**
412.45	MISC LIQUID STOR		**
412.50	IND/POL STOR		**
441.12	ORGN STORAGE	25,000 SF	2,070,000
441.30	HAZ FLAM STOR	300 SF	15,000
451.10	MISC OPEN STORAGE	2,000 SY	200,000
500.XX	MEDICAL/DENTAL	20,000 SF	5,000,000
610.72	BATTALION ADMINISTRATION	9,628 SF	1,155,937
610.73	UNIT ADMINISTRATION	9,000 SF	1,080,540
711.XX	FAMILY HOUSING	250 EA	25,000,000
721.11	E1-4 BACHELOR	(317) 370 SP	7,925,000
721.12	E5 BACHELOR	(68) 54 SP	1,700,000
721.13	E6+ BACHELOR	54) 0	0
722.10	DINING FACILITY	17,200 SF	3,726,552
730.XX	COMMUNITY FAC DIRECT	20,000 SF	2,500,000
740.XX	COMMUNITY SUPPORT MWR	20,000 SF	2,000,000
750.XX	OUTDOOR RECREATION FAC	LS	1,000,000
800.XX	WATER, POTABLE DIST	2,500 LF	100,000
	WATER, NON-POTABLE, DIST	2,500 LF	50,000
	SEWERS SYSTEM,COLLECTION	2,500 LF	100,000
	GAS DISTRIBUTION	1,000 LF	20,000
	HEATING PLANT	1 LS	1,500,000
	HTHW WATER LINES, DIST	2,500 LF	312,500
	ELEC DISTRIBUTION LINES	2,500 LF	75,000

TRANSFORMERS	1 LS	100,000
EXTERIOR LIGHTING	1 LS	100,000
TELEPHONE SYSTEM	1 LS	75,000
EMERGENCY GENERATORS	1 LS	40,000
FIRE ALARMS REPORTING SYS	1 LS	12,000
FENCING	1,000 LF	22,000
ROADS	4,500 SY	99,000
SIDE WALKS	1,000 SY	45,000
DRAINAGE SYSTEMS	4,000 LF	200,000
PAVEMENTS	25,000 SY	550,000
TOTAL		62,640,546
CONTINGENCY/SIOH/DESIGN COLLATERAL EQUIPMENT		15,660,136
GRAND TOTAL (ROUNDED)		78,300,682

UIC: 67399

FACILITY REQUIREMENTS DATA TO HOUSE AN INCOMING INFANTRY BATTALION.

INFANTRY: 40 OFFICERS 797 ENLISTED 42 OTHERS

CATEGORY CODE			
123.10	FILLING STATION		**
126.15	FILLING STAT BUILDING		**
124.50	VEH READY FUEL		**
143.45	ARMORY	5,500	698,290
171.10	ACADEMIC INSTR/CLASSROOMS	2,000	234,600
171.45	MC/TRNG PREP CTR		**
179.40	SM ARMS RNG/OUT		**
179.45	TRNG MOCK-UPS	1 LS	25,000
179.50	TRAINING COURSE		**
179.55	CBT TRNG POOL/TANK		**
179.60	PARADE FIELD	1.25 AC/1,000 PN	152,460
211.99	HAZARDOUS MAT STOR	400 SF	30,000
214.30	REFUEL VEH SHOP		**
214.40	VEH HOLD SHED	2,000 SF	40,000
214.51	ORGN VEH MAINT	3,260 SF	350,906
214.55	VEH WASH PLATFORM	1,920 SF	19,200
214.56	VEH GREASE PLATFORM	1 EA	60,000
215.10	SMALL ARMS SHOP		**
217.10	COMM/ELEX SHOP	3,600 SF	476,928
218.50	BATTERY SHOP		**
412.25	LUBE STORAGE	300 SF	6,500
412.45	MISC LIQUID STOR		**
412.50	IND/POL STOR		**

441.12	ORGN STORAGE	25,000 SF	2,070,000
441.30	HAZ FLAM STOR	100 SF	1,000
451.10	MISC OPEN STORAGE	6,300 SY	157,500
500.XX	MEDICAL/DENTAL	20,000 SF	5,000,000
610.72	BATTALION ADMINISTRATION	9,628 SF	983,211
610.73	UNIT ADMINISTRATION	7,800 SF	796,536
711.7X	FAMILY HOUSING	275 EA	27,500,000
721.1X	BACHELOR HOUSING	565 EA	15,820,000
722.10	DINING FACILITY	7,200 SF	3,726,000
730.XX	COMMUNITY FAC DIRECT	20,000 SF	2,500,000
740.XX	COMMUNITY SUPPORT MWR	20,000 SF	2,000,000
750.XX	OUTDOOR RECREATION FAC	1 LS	500,000
800.XX	WATER, POTABLE DIST	2,500 LF	100,000
	WATER, NON-POTABLE, DIST	2,500 LF	50,000
	SEWERS SYSTEM,COLLECTION	2,500 LF	100,000
	GAS DISTRIBUTION	1,000 LF	20,000
	HEATING PLANT	1 LS	1,500,000
	HTHW WATER LINES, DIST	2,500 LF	312,500
	ELEC DISTRIBUTION LINES	2,500 LF	75,000
	TRANSFORMERS	1 LS	100,000
	EXTERIOR LIGHTING	1 LS	100,000
	TELEPHONE SYSTEM	1 LS	75,000
	EMERGENCY GENERATORS	1 LS	40,000
	FIRE ALARMS REPORTING SYS	1 LS	12,000
	FENCING	1,000 LF	22,000
	ROADS	4,500 SY	99,000
	SIDE WALKS	1,000 SY	45,000

DRAINAGE SYSTEMS	4,000 LF	200,000
PAVEMENTS	25,000 SY	550,000
TOTAL		66,548,631
CONTINGENCY/SIOH/DESIGN COLLATERAL EQUIPMENT		16,637,157
GRAND TOTAL (ROUNDED)		83,185,788

This estimate is based on representative battalions. For a regiment of 3 infantry battalions and a headquarters company the estimate is approximately $265 million. An additional water project will be required to provide water and purification from additional aquifers. The estimate for this project is approximately $5 million. Also, a new sewage treatment facility would be required at an estimated cost of $20 million.

3. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. **cannot overcome** (e.g., environmental restrictions, land areas, scheduling conflicts).

- Scheduling conflicts for training poses the most significant obstacle to expansion at MCAGCC. As additional permanent FMF units are assigned, training requirements will increase which equates to additional requirements for training ranges. Additional training ranges compete with maneuver and exercise areas required for combined arms training. It is currently felt that the realistic growth potential without degrading training at MCAGCC is one additional regiment. Training quality could be significantly degraded beyond this point.

- Land area for facility requirements to permanently station additional FMF units is sufficient with no major environmental obstacles.

---

[56] Applies to Marine Corps Air Ground Combat Center only

DATA CALL 22

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R. H. SUTTON
NAME (Please type or print)

R. H. Sutton
Signature

COMMANDING GENERAL
Title

6 June 94
Date

MARINE CORPS AIR GROUND COMBAT CENTER
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print) _____ Signature _____

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

Date 7/28/94

Data Call # 22

Document Separator

DATA CALL 63
FAMILY HOUSING DATA

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

Installation Name:	Marine Corps Air Ground Combat Center
Unit Identification Code (UIC):	67399
Major Claimant:	Headquarters Marine Corps

Percentage of Military Families Living On-Base: *	33% (45%)
Number of Vacant Officer Housing Units: **	0
Number of Vacant Enlisted Housing Units: **	36 (51)
FY 1996 Family Housing Budget ($000): ***	$ 17,378.236
Total Number of Officer Housing Units: ****	69
Total Number of Enlisted Housing Units: *****	1492 (2092)

* The percentage was extrapolated using the effective military family housing requirement as presented in the Family Housing Market Analysis of March 1994. The first number is for on base assets only. The second figure in parenthesis includes 600 units of off base 801 quarters.
** Extrapolated from vacancy rate as of 940628. It should be noted there are no quarters standing vacant. Any vacant quarters are due to change of occupancy only. Figure in paranthesis includes 600 units off base 801 housing.
*** Source document is the Family Housing FY 95, 96, 97 Budget Submission.
**** These figures take into consideration the Ocotillo Heights Rebuild Project which will result in an anticipated loss of 75 enlisted quarters. The figure in parenthesis includes 600 units of off base 801 quarters.

Note: All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

DATA CALL 63 for MCAGCC

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

~~DEPUTY~~ CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
Title INSTALLATIONS AND LOGISTICS

Signature

Date 8/8/94

BRAC-95 CERTIFICATION

DATA CALL NO. 63

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R.H. Sutton	R.H. Sutton
NAME (Please type or print)	Signature
Commanding General	7 July 94
Title	Date
Marine Corps Air Ground Combat Center	
Activity	

Document Separator

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Activity Identification: Please complete the following table, identifying the activity for which this response is being submitted.

Activity Name:	Marine Corps Air Ground Combat Center
UIC:	67399
Major Claimant:	Headquarters Marine Corps

General Instructions/Background:

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA)
analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates.
Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

Note 1: Throughout this data call, the term **"activity"** is used to refer to the DON installation that is the addressee for the data call.

Note 2: Periodically throughout this data call, questions will include the statement that the response should refer to the **"area defined in response to question 1.b., (page 3)"**. Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, **the scope of the "area defined" may be limited to the sum of:**

- **those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,**
- **those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.**

Note 3: Responses to questions referring to **"civilians"** in this data call should reflect **federal civil service appropriated fund employees**.

1. Workforce Data

a. Average Federal Civilian Salary Rate. Provide the projected FY 1996 average gross annual appropriated fund **civil service** salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	$34,828

Source of Data (1.a. Salary Rate): CIVILIAN PERSONNEL PAYROLL REPORTING SYSTEM PLUS NAVCOMPT INFLATION RATE (1.6%-95, 2.2%-96)

b. Location of Residence. Complete the following table to identify where employees live. Data should reflect current workforce.

1) Residency Table. Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
San Bernardino	CA	10,049	671	99.95	13	20
Riverside	CA		6	0.05	57	65

= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is located: San Bernardino County, CA

Source of Data (1.b. 1) & 2) Residence Data):Defense Civilian Personnel Data System and Marine Corps Manpower Management System

c. Nearest Metropolitan Area(s). Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
Riverside	Riverside	80
Coachella Valley*	Riverside	64-78

* Includes cities of: Palm Springs, Rancho Mirage, Palm Desert, Indio, Indian Wells, Laquinta, Bermuda Dunes, Thousand Palms, Cathedral, and Desert Hot Springs.

Source of Data (1.c. Metro Areas): Official Table of Distances (OTD), MCAGCC Disbursing Office

d. Age of Civilian Workforce. Complete the following table, identifying the age of the activity's **civil service** workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	--	--
20 - 24 Years	12	1.77
25 - 34 Years	107	15.81
35 - 44 Years	236	34.86
45 - 54 Years	217	32.05
55 - 64 Years	95	14.03
65 or Older	10	1.48
TOTAL	677	100 %

Source of Data (1.d.) Age Data): Defense Civilian Personnel Data System

e. Education Level of Civilian Workforce

1) Education Level Table. Complete the following table, identifying the education level of the activity's **civil service** workforce.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	2	0.3
9th through 11th Grade	9	1.33
12th Grade or High School Equivalency	378	55.83
1-3 Years of College	217	32.05
4 Years of College (Bachelors Degree)	40	5.91
5 or More Years of College (Graduate Work)	31	4.58
TOTAL	677	100 %

2) Degrees Achieved. Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	20
Associate Degree	96
Bachelor Degree	47
Masters Degree	23
Doctorate	--

Source of Data (1.e.1) and 2) Education Level Data): Defense Civilian Personnel Data System

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by **civil service** employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	--	--
2. Construction (includes facility maintenance and repair)	15-17	88	12.99
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	--	--
3b. Aircraft (includes engines and missiles)	3721 et al	--	--
3c. Ships	3731	--	--
3d. Other Transportation (includes ground vehicles)	various	--	--

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
3e. Other Manufacturing not included in 3a. through 3d.	various	--	--
Sub-Total 3a. through 3e.	20-39	--	--
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	--	--
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	42	6.2
4c. Water Transportation (includes organizational level maintenance)	44	--	--
4d. Air Transportation (includes organizational level maintenance)	45	--	--
4e. Other Transportation Services (includes organizational level maintenance)	47	--	--
4f. Communications	48	11	1.63
4g. Utilities	49	26	3.84
Sub-Total 4a. through 4g.	40-49	79	11.67
5. Services	70-89		
5a. Lodging Services	70	1	0.15
5b. Personal Services (includes laundry and funeral services)	72	--	--
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	39	5.76
5d. Automotive Repair and Services	75	19	2.8

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5e. Other Misc. Repair Services	76	51	7.53
5f. Motion Pictures	78	2	0.3
5g. Amusement and Recreation Services	79	--	--
5h. Health Services	80	126	18.61
5i. Legal Services	81	2	0.3
5j. Educational Services	82	1	0.15
5k. Social Services	83	17	2.51
5l. Museums	84	--	--
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	25	3.7
5n. Other Misc. Services	89	132	19.5
Sub-Total 5a. through 5n.:	70-89	415	61.31
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	--	--
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	53	7.83
6c. Public Finance	93	--	--
6d. Environmental Quality and Housing Programs	95	42	6.2
Sub-Total 6a. through 6d.		95	14.03
TOTAL		677	100 %

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.f.) Classification By Industry Data): Defense Civilian Personnel Data System with verification by MCAGCC Classification Officer

g. Civilian Employment by Occupation. Complete the following table to identify the types of "occupations" performed by **civil service** employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	106	15.66
2. Professional Specialty		
2a. Engineers	9	1.33
2b. Architects and Surveyors	2	0.3
2c. Computer, Mathematical & Operations Research	34	5.02
2d. Life Scientists	--	--
2e. Physical Scientists	--	--
2f. Lawyers and Judges	--	--
2g. Social Scientists & Urban Planners	--	--
2h. Social & Recreation Workers	17	2.51
2i. Religious Workers	--	--
2j. Teachers, Librarians & Counselors	61	9.01

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2k. Health Diagnosing Practitioners (Doctors)	--	--
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	15	2.21
2m. Communications	6	0.89
2n. Visual Arts	2	0.3
Sub-Total 2a. through 2n.:	146	21.56
3. Technicians and Related Support		
3a. Health Technologists and Technicians	6	0.89
3b. Other Technologists	--	--
Sub-Total 3a. and 3b.:	6	0.89
4. Administrative Support & Clerical	73	10.78
5. Services		
5a. Protective Services (includes guards, firefighters, police)	48	7.09
5b. Food Preparation & Service	5	0.74
5c. Dental/Medical Assistants/Aides	2	0.3
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	72	10.64
Sub-Total 5a. through 5d.	127	18.76
6. Agricultural, Forestry & Fishing	--	--
7. Mechanics, Installers and Repairers	70	10.34
8. Construction Trades	88	13
9. Production Occupations	--	--
10. Transportation & Material Moving	18	2.66

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	43	6.35
TOTAL	677	100 %

Source of Data (1.g.) Classification By Occupation Data): Defense Civilian Personnel Data System with verification by MCAGCC Classification Officer

Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate **appropriated fund civil service jobs** at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.**Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line

installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.

8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

h. Employment of Military Spouses. Complete the following table to provide estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	42.7
2. Percentage of Military Spouses Who Work Outside of the Home:	8.9
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	65
3b. Employed "On-Base" - Non-Appropriated Fund:	317
3c. Employed "Off-Base" - Federal Employment:	SEE NOTE (1)
3d. Employed "Off-Base" - Other Than Federal Employment	SEE NOTE (1)

Source of Data (1.h.) Spouse Employment Data): Defense Civilian Personnel Data System, Marine Corps Manpower Management System

NOTE(1): This information is not available. There are no methods or reporting systems which require military spouses/family members to report a) that they work, b) where they work, and c) their 'type' of employment.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2. Infrastructure Data. For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.

B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.

C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

Table 2.a., "Local Communities": This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

Table 2.b., "Economic Region": This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

For both tables, annotate with an asterisk (*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

a. Table A: Ability of the local community to meet the expanded needs of the base.

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	C	C	C
Schools - Public	A	B	C
Schools - Private	A	C	C
Public Transportation - Roadways	A	B	B
Public Transportation - Buses/Subways	A	B	B
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	B	C
Police	A	B	B
Health Care Facilities	A	B	B
Utilities:			
Water Supply	A	B	B
Water Distribution	A	B	B
Energy Supply	A	B	B
Energy Distribution	A	B	B
Wastewater Collection	A	C	C
Wastewater Treatment	C	C	C
Storm Water Collection	A	B	C
Solid Waste Collection and Disposal	A	B	B
Hazardous/Toxic Waste Disposal	A	B	B
Recreational Activities	B	C	C

Remember to mark with an asterisk any categories which are wholly supported on-base.2)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

For each rating of **"C"** identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

WASTEWATER COLLECTION AND TREATMENT: Currently, the local community relies on individual septic systems to satisfy its wastewater needs. With growth in the 50% and 100% range, the soil would not be able to absorb the effluent. The local government has activated its sewer system powers and is in the planning stage for eventual development of a wastewater treatment system. Significant population increases would force the local government to develop a wastewater treatment system in time to accommodate the growth. While applicable environmental and land-use laws would have to be followed, the only factor limiting this development is funding.

STORMWATER COLLECTION: Growth in the 100% range would require upgrades of the local government's current drainage system. Flash floods in the desert create significant road erosion problems. Increased pavement associated with significant growth would force the local government to upgrade its stormwater runoff infrastructure to decrease erosion problems. While applicable environmental and land-use laws would have to be followed, the only factor limiting this development is funding.

FAMILY HOUSING- The market analysis referenced below indicates a current housing deficit of 1224 units. The primary factor is a paucity of financing for the building of income/rental property, due to the uncertainty associated with the continued operation of the combat center. Lenders want iron clad guarantees of continued operational and staffing levels and view the area with uncertainty, particularly with the military downsizing that has occurred in recent years. With the current housing deficit, increases to the installation of 20%, 50%, and 100% would be unsupported without a massive investment by lenders and an accompanying major building boom.

FIRE DEPARTMENT- Depending on the location and numbers of personnel and structures added to the community, the 29 Palms Fire Department may be required to build an additional Fire Station and increase personnel and equipment.

MORAL WELFARE AND RECREATION:Currently MCAGCC (MWR) and the local community of 29 Palms (Parks and Recreation, small businesses, schools, clubs, etc.) provide the following recreational activities:

MCAGCC	29 PALMS
Wood Shop	Small Arts/Crafts Shops
Auto Hobby Shop	Bowling Center (1)
Bowling Center (1)	Swimming Pool (1)

Swimming Pools (3)
Gymnasiums (2)
Fitness Centers (2)
Tickets/Tours
Skeet/Archery Range
(temporarily closed)
Golf Course (9 holes)
Walk-in Theater
Youth Activities Center
Small Family Park
Courts/Playing Fields
Youth Sports

Gymnasiums (2)
(for high school and
junior high students
only)

Fitness Center (1)
Travel/Tour Agencies
Golf Course (9 holes)
Boys/Girls Clubs/Scouts
Park (1)
Courts/Playing Fields
Youth Sports

These recreational facilities/activities have adequately met the needs of the Combat Center population and the local community residents in the recent past. During the last couple of years, however, it has become increasingly difficult to provide adequate recreational facilities and activities due to increased usage overtaxing all areas. Any increase in population will have an adverse impact on both MCAGCC's and the local community's ability to provide adequate recreational activities. To support the demands of a growing population, recreational programs will need to be substantially expanded, equipment and supplies will need to be purchased, new facilities will need to be constructed, land will need to be made accessible, private businesses and organizations will need to be encouraged to enter the recreational arena, and economic conditions will need to improve.

The following barriers will preclude expansion of recreational facilities/activities both aboard MCAGCC and in the local community:

a. MCAGCC

(1) Limited appropriated/non-appropriated funds impact directly upon MCAGCC's ability to renovate, expand, and construct new recreational activities due to funding constraints, base construction plan, and HQMC construction priorities.

(2) Environmental and endangered species rules and regulations.

(3) Land availability.

b. 29 Palms

(1) Loss of State and County funds when 29 Palms became a city thereby restricting the availability of city funds for proposed recreational programs and initiatives.

(2) Inability to expand existing Park and Recreation facilities and programs due to funding being restricted to a population base of 20,000.

(3) Environmental and endangered species rules and regulations.

(4) Land availability

(5) Business opportunities within 29 Palms.

SCHOOLS-PUBLIC: A 50% increase in Morongo Unified School District student population will require federal assistance for the construction of additional classroom space. Currently, 25% of students are housed in temporary relocatable classrooms and four applications for new construction are on file with the State of California.

SCHOOLS-PRIVATE: In order to accommodate growth in the 50% and 100% ranges, the local community's single private school would have to acquire modular classrooms at approximately $40,000 each. The school has the land necessary to accommodate extra classrooms to house additional students. Each modular classroom houses about 25 students. The number of classrooms needed depends upon the enrollment. The only factor limiting acquisition of modular classrooms is funding.

Source of Data (2.a. 1) & 2) - Local Community Table):

Family Housing Market Analysis of March 1994
Mr. Jim Hart, City Manager, Twentynine Palms
Mr. Fred Conover, District Engineer, 29 Palms Water District
Mr. Dan Tuttle, Southern California Edison, Planning Department
Mr. Bill Hoy, Fire Chief, 29 Palms Fire Department, Director
Mr. Randy Councell, 29 Palms Park and Recreation
Capt. Ron Perot, San Bernadino County Sheriff's Department 940627
Ms. Shirley Lyon, Morongo Basin School District
Mrs. Singh, Blessed Sacrament School
CWO3 K. D. Machande, TMO, MCAGCC

b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.

Note: The region includes the cities of San Bernardino and Riverside, the Coachella Valley (Palm Springs area); as well as the local community defined as the Morongo Basin. The infrastructure of this region could absorb a 100% increase in the MCAGCC population. However, because of the distance involved, we would expect most of the population would reside in the local community. Therefore, the preceding chart is more applicable. This is the difference in perspective from Data Call 38, BRAC-93, which focused on the immediate and surrounding area.

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	N/AVAIL	N/AVAIL	N/AVAIL

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Category	20% Increase	50% Increase	100% Increase
Public Transportation - Buses/Subways	B	B	B
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreation Facilities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

Source of Data (2.b. 1) & 2) - Regional Table):
Mr. Baxter Williams, San Bernadino Office of Economic Development
Mr. Jim Hart, City Manager, Twentynine Palms
Mr Fred Conover, District Engineer, 29 Palms Water District
Mr. Dan Tuttle, Southern California Edison, Planning Department
Mr. Jim Schooler, Director, Park and Recreation, Yucca Valley
Capt. Ron Perot, San Bernardino County Sheriff's Department 940627.
CWO3 Ken D. Machande, TMO, MCAGCC, 29 Palms, Ca. 92278
Ms. Shirley Lyon, Morongo Basin School District
Mrs. Singh, Blessed Sacrament School
Family Housing Market Analysis of March 1994

3. **Public Facilities Data:**

a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units: 8.5% *

Units for Sale: 3.0%

Source of Data (3.a. Off-Base Housing): Family Housing Market Analysis of March 1994

* The apparent inconsistency between a housing deficit of 1224 units and a vacant rate of 8.5% vice 0% is due to the fact that there are a significant number of rental properties that are not considered adequate by government standards, I.E., too small, incomplete utilities, outside of water districts (tenants either have to haul water in or have a well) etc. These quarters, although adding to the deficit, are none the less habitable and occupied by choice. The worst of the inadequate units stay vacant longer and increase the vacancy rate.

b. **Education.**

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Morongo Unified School District	San Bernardino	10	2	2 plus 2 con-tinu-ation H.S.	10,258	6,900 (perma-nent facility) 4,000 (re-locatabl e facility)	26.6:1	32:1	YES

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

Source of Data (3.b.1) Education Table): Office of the Superintendent, MUSD

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment. No

Source of Data (3.b.2) On-Base Schools): MCAGCC EDUCATION OFFICER

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

INSTITUTION	COUNTY*
America Technical College	S.B.
Awton's School of Cosmetology	RIV.
Association/Technical College	S.B.
Barstow College	S.B.
California Baptist College	RIV.
California Paramedical College	RIV.
Cal. School of Court Reporting	RIV.
Cal State University	S.B.
CDI Career Development	RIV.
College of the Desert	RIV.
Concorde Career Institute	S.B.
Institute of Business Technology	RIV.
La Sierra University	RIV.
Mount San Jacinto College	RIV.
National Education Center	S.B.
Palo Verde College	RIV.
Phillips College	RIV.
Rosston School of Hair Design	S.B.
San Bernardino Valley College	S.B.
University of California Riverside	RIV.
Victor Valley College	S.B.
National University (On Base)	EXT.
Chapman University (On Base)	EXT.

* S.B. = San Bernardino
RIV. = Riverside
EXT. = Extension Sites

Source of Data (3.b.3) Colleges): Accredited Institutions of Post Secondary Education 1992-1993 (American Counsel on Education)

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools: United Training Institute: Law Enforcement Curriculum

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (3.b.4) Vo-tech Training): MCAGCC Education Officer

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	X	
Rail:		X
Subway:		X
Ferry:		X

Source of Data (3.c.1) Transportation): Traffic Management Officer, MCAGCC

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

Indio, California - 78 Miles

Source of Data (3.c.2) Transportation): Terminal Facilities Guide

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

Palm Springs, California - 64 Miles

Source of Data (3.c.3) Transportation): Terminal Facilities Guide

4) How many carriers are available at this airport?

Six

Source of Data (3.c.4) Transportation): Scheduled Airline Ticket Office (SATO)

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway? Interstate 10 - 60 miles.

Source of Data (3.c.5) Transportation): Traffic Management Officer, MCAGCC

6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

The primary access to the Combat Center is on Adobe Road via State Highway 62 (Twentynine Palms Highway). Other access routes to the Combat Center include variations in usage of Sunfair Road, Lear Avenue, Indian Trail, Morongo Road, and Condor Road.

Adobe Road:

Adobe Road is a four lane road with a center turning lane originating at Highway 62 extending north from the city of Twentynine Palms to the Combat Center. The first two miles of Adobe Road are in poor condition; recent resurfacing having little or no effect on the quality of the road. The remaining portion of the road which extends on to the Combat Center is new (1989); 1.8 miles of it being constructed by San Bernardino county through Defense Access Roads, and 1.8 miles constructed on the Combat Center by NAVFAC. At the Main Gate, traffic is slowed to 10 - 15 mph which reduces its planned 3,000 vehicle/hour capacity based on a 20 mph speed limit. As a result, traffic is backed up for a short distance, but this does not seriously impede the overall flow of traffic during peak traffic hours. There is a four-way traffic light at the intersection of Adobe Road and Highway 62.

Sunfair Road:

This road originates at Highway 62 and goes north towards the Combat Center boundary. The road is a two-lane road that is paved for the first 5 miles. Thereafter, Sunfair Road is unpaved and crosses into the Combat Center and extends toward the Expeditionary Air Field. This road is used infrequently and does not contribute the overall flow of traffic in and out of the Combat Center.

Lear Avenue:

Extending north from Highway 62, it is marked as the primary route for military vehicles going to MCAGCC (should be labeled as Military Convoy Route vice Morongo Road on enclosed Desert Communities Map). It is 5.3 miles west of Adobe Road. It is a paved, two-lane road for 5.5 miles, but continues unpaved into the Combat Center, ending up in the vicinity of the Expeditionary Air Field where it once again becomes paved and joins Phillips Road extending into Mainside MCAGCC. For the first 3.3 miles north of Highway 62 (see Indian Trail below) this road is used by both POV traffic and military convoys. Military convoys impact the flow of traffic regardless of peak traffic flow. Beyond the 3.3 miles, military convoys do not impact other traffic.

Indian Trail:

3.3 miles down Lear Avenue, Indian Trail can be taken eastward for 5.5 miles to Adobe Road. This is used by many commuters to the Combat Center in order to avoid using the majority of Adobe Road through the city of Twentynine Palms. Indian Trail is a paved two lane road, and is one of the worst of the roads in the immediate vicinity of the Combat Center. Potholes and cracks riddle the road, but traffic of all types frequent it. Traffic flow is not impeded during peak traffic hours.

Morongo Road:

This road (incorrectly labeled as Military Convoy Route on the enclosed Desert Communities Map) provides access to the Ocotillo Housing area. It originates off of Indian Trail and extends 4 miles north before reaching the Combat Center's Morongo Gate. This is a paved two-lane road comparable in quality to Indian Trail. Morongo Gate is only open during certain hours and does not affect peak traffic flow.

Condor Road:

Formerly the main access road into the Combat Center, Condor Road branches off the east side of Adobe Road and extends northeast then north two miles before reaching the Combat Center's Condor Gate. This is a four lane paved road. Condor Gate is specifically opened during peak traffic flow hours to allow faster egress from the southern portion of the Combat Center.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

State Highway 62 and Connecting Highways:

From Twentynine Palms to the west, Highway 62 passes from San Bernardino County through Joshua Tree, Yucca Valley, and Morongo Valley into Riverside County and joins Interstate 10 five miles northwest of Palm Springs, 49 miles to the southwest of Twentynine Palms. To the east of Twentynine Palms, Highway 62 intersects Highway 177 and 95 and continues to the Arizona State border.

Highway 62 is a four lane road with a center turning lane in portions of it. It is capable of handling Interstate traffic although requiring repairs before meeting Interstate road quality. Increased traffic flow can be observed during peak traffic hours, but is never sufficient to impede the smooth flow of traffic.

State Highway 177 intersects Highway 62 approximately 50 miles east of Twentynine Palms. Highway 177 connects with Interstate 10 twenty-four miles to the south at Desert Center. Highway 177 is a two-lane road.

State Highway 95 intersects Highway 62 approximately 100 miles east of Twentynine Palms. Highway 95 runs north/south connecting with Interstate 40 fifty miles to the north, and intersecting Interstate 10 forty-six miles to the south at Blythe. Highway 95 is a two-lane road.

Other Roads Providing Indirect Access to MCAGCC:

Amboy Road, a two-lane county road, originates at Adobe Road two miles north of Highway 62 and extends 25 miles east from Twentynine Palms and thence north another 25 miles to Amboy connecting to the Old National Trail Highway. From Amboy, the old National Trail Highway extends east and west to connect to Interstate 40, or north 11 miles to connect to Interstate 40.

State Highway 247 (Old Woman Springs Road) originates in Yucca Valley going north-northwest to Lucerne Valley where it intersects Highway 18. From Lucerne Valley, Highway 247 goes north to Barstow where it intersects Interstate 15, and Highway 18 goes northwest to Victorville where it also intersects Interstate 15.

b) Do access roads transit residential neighborhoods? NO

c) Are there any easements that preclude expansion of the access road system? Yes, expansion/widening of Sunfair Road, Lear Road, and Indian Trail would require purchase of additional land

to accommodate the expanded width of road. (Other access roads are already 4 lane roads.)

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)? NO

Source of Data (3.c.6) Transportation):

Traffic Study Prepared by Justin F. Farmer, Traffic Engineers, Brea, CA 92621

Traffic Study portion of the Environmental Impact Statement for MCAS 29 Palms prepared by Daniel, Mann, Johnson, & Mendenhall of Los Angeles CA, and San Bernardino County.

Various Maps including Desert Communities - 1993 Map enclosed

Public Works Planning Section, MCAGCC

d. Fire Protection/Hazardous Materials Incidents. Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

The MCAGCC Fire Department currently has mutual aid agreements with all fire protection agencies in the surrounding communities of the Morongo Basin. The Fire Department also has in place, an automatic aid agreement to support the 801 housing project located in 29 Palms. The MCAGCC Fire Department supplies the only certified Haz-Mat team in the Morongo Basin and provides support through a mutual aid agreement with the San Bernardino County Environmental Health Department.

Source of Data (3.d. Fire/Hazmat): Mr. C. E. Methvin, Fire Chief, MCAGCC

e. Police Protection.

1) What is the level of legislative jurisdiction held by the installation?

Proprietorial Interest Jurisdiction

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

N/A

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

Memorandum of Agreement between MCAGCC, NCIS, San Bernardino County Sheriff's Department

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

NONE

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received. NONE

Source of Data (3.e. 1) - 5) - Police): Combat Center Order P1630.7b CH1

f. Utilities.

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

Agreements with local community for utilities are as follows:

Water Supply - MCAGCC is self sufficient for those activities and facilities located within MCAGCC boundaries. Water supply is provided by the city for the 600 leased Family Housing units located in the community of 29 Palms.

Water distribution - MCAGCC is self sufficient for those activities and facilities located within MCAGCC boundaries. Water supply is provided by the city for the 600 leased Family Housing units located in the community of 29 Palms.

Energy Supply:

(1) Electricity - Utility Service Contract N62474-70-C-1201 between Southern California Edison Company and South Western Division, Naval Facilities Engineering Command (SOWESTNAVFACENGCOM).

(2) Natural Gas - Utility Service Contract N62474-77-F-7604 between Southern California Gas Company and SOWESTNAVFACENGCOM.

Energy Distribution:

(1) Electricity - MCAGCC is self sufficient for those activities and facilities located within MCAGCC boundaries. Electricity distribution is provided by Southern California Edison for the 600 leased Family Housing units located in the community of 29 Palms.

(2) Natural Gas - Southern California Gas Co. maintains a high-pressure main gas line aboard the MCAGCC under the supply contract listed above. All other distribution is self sufficient.

(3) Wastewater Collection/treatment - MCAGCC is self sufficient for those activities and facilities within MCAGCC boundaries. Wastewater collection/treatment is via septic system for the 600 leased Family Housing units located in the community of 29 Palms.

(4) Stormwater collection - self sufficient.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Solid Waste Collection and Disposal:

(1) Household solid waste - removed from all MCAGCC housing areas, including the leased housing units located in the community of 29 Palms, under facilities support contract N68711-92-D-0014 with Federal Disposal Service.

(2) Base solid waste - self sufficient.

Hazardous/Toxic Waste Disposal: Hazardous/toxic waste disposal is handled through the on-base representatives of the Defense Reutilization and Marketing Office.

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact.

NO

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

NO

Source of Data (3.f. 1) - 3) Utilities): Facilities Maintenance Officer, MCAGCC

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

4. Business Profile. List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. MCAGCC 29 Palms	Military	11,079
2. Morongo School District	Public School	1,100
3. San Bernardino County	Gov't Services	560
4. Hi-Desert Medical Center	Health Care	530
5. K-Mart	Retail Sales	200
6. Wal-Mart	Retail Sales	185
7. Copper Mountain College	2 Year college	170
8. Stater Brothers	Grocery Stores	160
9. Von's	Grocery Store	100
10. Hi-Desert Publishing	News Publishing	87

Source of Data (4. Business Profile): Defense Civilian Personnel Data System, Marine Corps Manpower Management System, and NAF Personnel Records.

5. Other Socio-Economic Impacts. For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers: None.

b. Introduction of New Businesses/Technologies: Several new major Businesses have opened in the proximity of 29 Palms, Ca and within relatively close driving distances (30 miles or less) for this isolated area including: Jack-in-the Box Restaurant, JC Penney Co. Inc., Pizza Hut, Wal-Mart, and Stater Bros.

c. Natural Disasters: Numerous aftershocks from the Apr 92 and Jun 92 earthquakes have resulted in some residents departing the area.

d. Overall Economic Trends: Southern California remains in a recession. Growth in the local economic region was in part driven by Southern California's expansion, but continues at a slower pace due to the relatively inexpensive cost of living in the local area. Total county jobs are forecast to increase from about 541,100 in 1993 to 571,900 by 1998. Projections indicate that county job levels would increase at approximately 1.6% per year between 1993 and 1996, and about 3.1% annually in 1997 and 1998.

Source of Data (5. Other Socio/Econ): Director, Manpower Directorate, MCAGCC Family Housing Market Analysis of March 1994

6. Other. Identify any contributions of your activity to the local community not discussed elsewhere in this response. None.

Source of Data (6. Other): N/A

Data Call 65 for MCAGCC

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME J.V.E. BARRETT (Please type or print) Signature

Title LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

Date 8/12/94

DATA CALL 65

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R. H. SUTTON
NAME (Please type or print)

R. H. Sutton
Signature

COMMANDING GENERAL
Title

19 July 94
Date

MARINE CORPS AIR GROUND COMBAT CENTER
Activity

230

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	23 DENCO 29 PALMS
UIC:	47367
Host Activity Name (if response is for a tenant activity):	COMMANDING GENERAL MCAGCC 29 PALMS, CA 92278
Host Activity UIC:	

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. **Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)

Activity Name: 23rd DENCO, 29 PALMS UIC: 47367

Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	—	—	—
2b. Transportation	2.0	—	2.0
2c. Environmental	—	—	—
2d. Facility Leases	—	—	—
2e. Morale, Welfare & Recreation	—	—	—
2f. Bachelor Quarters	—	—	—
2g. Child Care Centers	—	—	—
2h. Family Service Centers	—	—	—
2i. Administration	—	—	—
2j. O[illegible]	—	—	—
2k. S[illegible] 2a. through 2j:	2.0	—	2.0
3. Grand Total (sum of 1c. and 2k.):	2.0	—	2.0

3. Depreciation
4. Grand Total (sum of 1c., 2m., and 3.)

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data

Activity Name: **UIC:**

Cost Category	FY 1996 Projected Costs (#000)
Travel:	—
Materials and Supplies (including equipment):	100.0
Industrial Fund Purchases (other DBOF purchases):	—
Transportation:	—
Other Purchases (Contract support, etc.):	10.0
Total:	110.0

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears

Activity Name:	UIC:
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

NA

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

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INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: UIC:

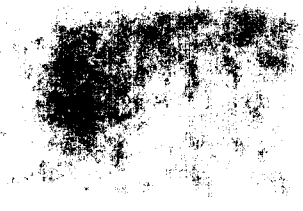
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (<$15K)			
1b. Real Property Maintenance (>$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1e. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. [illegible]			
2f. [illegible]			
2g. [illegible] Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):**

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
	n/A

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
	n/A



DATA CALL 66
INSTALLATION RESOURCES

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)
N/A	

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

n/A

2) Estimated number of workyears which would be eliminated:

n/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R. C. HOUSE — NAME (Please type or print)

R C House — Signature

COMMANDING OFFICER — Title

12 July 94 — Date

NAVAL DENTAL CENTER CAMP PENDLETON — Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

R. R. SKOG

NAME (Please type or print) — Signature

Officer in Charge, Acting — 14 July 1994

Title — Date

Naval Healthcare Support Office, San Diego

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) — Signature

Title — Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

HAROLD M. KOENIG, RADM,MC,USN
NAME (Please type or print) — x Signature — AUG 4 1994

ACTING CHIEF BUMED
Title — Date

BUREAU OF MEDICINE AND SURGERY
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print) — Signature

Title — 8/30/94 Date

ACTIVITY: 67399

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignation, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	*Marine Corps Air Ground Combat Center*
Acronym(s) used in correspondence	*MCAGCC, Twentynine Palms*
Commonly accepted short title(s)	*MCAGCC*

- Complete Mailing Address

Commanding General
Marine Corps Air Ground Combat Center
Box 785000
Twentynine Palms, California 92278-5000

- PLAD

CG MCAGCC Twentynine Palms, CA (MTCC Twentynine Palms, CA)

- PRIMARY UIC: 67399 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): NA PURPOSE:

2. PLANT ACCOUNT HOLDER:

• Yes __X__ No _____ (check one) 3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• HOST COMMAND: A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes __X__ No ____ (check one)

• TENANT COMMAND: A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes ____ No __X__ (check one)

• Primary Host (current) UIC: _____

• Primary Host (as of 01 Oct 1995) UIC: _____

• Primary Host (as of 01 Oct 2001) UIC: _____

• INDEPENDENT ACTIVITY: For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes ____ No __X__ (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
NA		

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
NA				

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

As part of the Defense Base Closure Act, the 1991 Base Realignment and Closure Commission recommended the closure of Marine Corps Air Station Tustin, compositing various squadrons of MAG-16 with MAG-39 and relocating to the Marine Corps Air Ground Combat Center, Twentynine Palms, California.

To accommodate the relocated units, approximately $650 million of new facilities were required aboard the Marine Corps Air Ground Combat Center and the Officer in Charge of Construction (OICC), Twentynine Palms, was established to coordinate the planning, design and construction. As the receiving installation, the Combat Center established the Realignment Implementation Team (RIT), headed by the Deputy Director of Installations and Logistics, to provide guidance and assist in the planning and design efforts of OICC Twentynine Palms. RIT consisted of representatives from every Combat Center Directorate, and in October 1992, the team was expanded to include four, full time personnel; two enlisted military personnel, a civilian clerk-typist and a civilian Civil Engineer.

In order to meet the requirements of the MCAS Tustin closure date of June 1997, the goals of the planning and design effort were to release the draft Environmental Impact Statement by June of 1993 and to begin initial construction efforts no later than January 1994.

In March 1993, the Department of Defense issued recommendations for the 1993 round of base closures. DOD recommended that the MAG-16 and MAG-39 units affected by the 1991 closure of MCAS Tustin be redistributed to NAS Miramar, avoiding the requirement for construction of a new aviation facility on MCAGCC. Because the final decision by BRAC would not be made public until July 1993, CMC decided the appropriate level of effort during the interim period would be to: (1) complete the MCAS Twentynine Palms Master Plan; (2) complete the Environmental Impact Statement; (3) complete the Project Engineering Phase of facility design; (4) complete any studies that could be used by MCAGCC; and (5) to continue environmental clean-up efforts at full speed.

In July 1993, the Base Realignment and Closure Commission confirmed the DOD recommendation to realign MCAS Tustin units to other facilities, precluding the requirement for aviation facilities at MCAGCC. All planning activities for MCAS 29 Palms were halted. In accordance with CMC direction (220132ZMAR93), all records, files, documentation, and deliverables received by the MCAGCC RIT were archived and are currently located at the I&L offices.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- The Commanding General, MCAGCC, will be responsible to the Commandant of the Marine Corps (CMC) or Commanding General, Marine Corps Combat Development Command (MCCDC) for the administration and conduct of the Marine Corps Air Ground Combat Training Program (MCAGCTP) and will have exercise control of all units and forces participating therein, when assigned.

- The Commanding General, MCAGCC, also acting as the Commanding General Marine Corps Expeditionary Training Command (M/ETC) is responsible for the coordination and integration of training opportunities among MCAGCC, Marine Air Wing Training Squadron (MAWTS), Mountain Warfare Training Command (MWTC), Landing Force Training Commands (LFTC's), and other services training centers which focus on Marine and Navy warfighting in a Naval expeditionary warfare environment.

- The Commanding General, MCAGCC will be responsible to the CMC for the Center's real estate, facilities, base property, and assigned personnel and will exercise command thereof through the execution of operational control, administrative control, technical direction, and coordination to the extent necessary for the accomplishment of the assigned mission and tasks.

- Administer and conduct the MCAGCTP for combined arms training of Fleet Marine Force (FMF) units, both active and reserve.

- Administer, manage, and conduct the functioning of the Tactical Air Control Party Course employing live-fire exercises which incorporate the full range of aerial ordnance available in the Marine Corps inventory.

- Serve as the only military installation in the continental United States that can conduct live-fire and maneuver training for the Multiple Launch Rocket System (MLRS) to the maximum range capability with tactical and training ordnance.

- Administer, manage, and conduct the functioning of the MCAGCC at Twentynine Palms, California.

- Administer, manage, and conduct the functioning of the Marine Corps Communication-Electronics School at Twentynine Palms, CA.

Tasks

- Provide the staff, facilities, equipment, and support necessary for the conduct and administration of the MCAGCTP as may be directed.

- Provide administrative and logistical support to FMF units based at the MCAGCC as may be directed and set forth in a host/tenant agreement.

- Serve as the single point of contact with local, state, and Federal government, and public and private agencies and groups on all matters pertaining to the Center's real estate, facilities, and personnel (military and civilian) permanently or temporarily assigned.

- As appropriate and directed, represent the CMC on all matters of interest to or affecting the U.S. Marine Corps, its policies, personnel, and activities.

- Provide facilities and support for the conduct of Marine Corps Reserve (MCR) Unit Annual Training Duty (ATD), MCR unit mobilization training as may be directed, and operation of a major West Coast staging point for MCR units in the event of mobilization.

- Provide the facilities, services, support, and coordination to the extent necessary and required for the conduct of other tactical unit or force operations, exercises, and training as may be directed.

Important Functions Described

- Exercise and evaluate Marine units in the command, control and coordination of combined arms employment.

- Examine existing doctrine to identify innovative and more efficient concepts.

- Administer and support the formal training of Marine communication-electronic personnel.

- Train individual Marines as replacement for units engaged in combat in desert theaters of operation.

- Provide standardized fire support coordination instructor and tactical air control party training for the FMF.

Projected Missions for FY 2001

- To provide efficient, cost-effective training opportunities for MAGTFs as the U.S. Naval Components of Naval Expeditionary Forces (NEFs) and other U.S. armed forces for joint operations.

- To incorporate modeling and simulation with MAGTF training enabling all FMF units to participate via simulated distributed wargaming with actual maneuver units at MCAGCC.

- To ensure MAGTF integration with joint service training centers.

- To provide entry level and career progression training in communication-electronics operations, communication-electronics equipment maintenance, and tactical air defense/control for the Department of Defense (DoD) under the DoD training consolidation concept.

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Exercise operational and administrative control over the Sergeants School as a resident formal course of instruction, to include budgetary and infrastructure support and disciplinary authority over permanent personnel and students.

- To provide the field testing facility for selected new equipments under consideration for procurement, in the developmental process, or procured by the Marine Corps on a not to interfere basis with the combined arms exercises.

Projected Unique Missions for FY 2001

- Continuing to serve as the only Marine Corps facility to host live fire and maneuver training exercises for Fleet Marine Force units stationed in the continental United States.

- Serve as the primary Marine Corps base in the continental United States to host Marine Corps tank units as tenant commands offering the range capability of live fire of all tank tables of ordnance and ammunition.

National Command Authority and
Classified Mission Responsibilities

MCAGCC Twentynine Palms, California does not have any National Command Authority or classified mission responsibilities at this time and none are projected.

Current/Projected Mission Changes Associated with
BRAC-88, -91, -93 Action(s)

There are no current or projected mission changes associated with BRAC-88, -91, or -93.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

• Operational name	UIC
Commander, Marine Corps Bases Pacific	67601

• Funding Source	UIC
Headquarters Marine Corps (FD)	00027

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

ACTIVITY: 67399

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	69	577	441
• Tenants (total)	568	8739	309

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	80	547	455
• Tenants (total)	525	8619	229

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

Title/Name	Office	Fax	Home
• CG, MCAGCC BGEN Russell H. Sutton	(619) 830-7070	(619) 830-6060	(619)368-3368
MCAGCC BRAC-95 POC:			
• Head, Installations Division LTCOL L. Farnen, Jr.	(619) 830-5130 DSN 957-5130	(619)8380-5660 DSN 957-5660	(619) 368-1972
• Plans Officer, Installations Division Captain O.P. Metcalf	(619) 830-5129 DSN 957-5129	(619) 830-5660 DSN 957-5660	(619) 368-4445
COMMAND DUTY OFFICERS:			
• Duty Officer MCAGCC	(619) 830-7200 DSN 957-7200	(619) 830-7426 DSN 957-7426	

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ACTIVITY: 67399

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	69	577	441
• Tenants (total)	568	8739	309

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	80	547	455
• Tenants (total)	507	7404	335

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

Title/Name	Office	Fax	Home
• CG, MCAGCC BGEN Russell H. Sutton	(619) 830-7070	(619) 830-6060	(619)368-3368
MCAGCC BRAC-95 POC:			
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• Plans Officer, Installations Division Captain O.P. Metcalf	(619) 830-5129 DSN 957-5129	(619) 830-5660 DSN 957-5660	(619) 368-4445
COMMAND DUTY OFFICERS:			
• Duty Officer MCAGCC	(619) 830-7200 DSN 957-7200	(619) 830-7426 DSN 957-7426	

Title/Name	Office	Fax	Home
• Duty Officer Headquarters Battalion	(619) 830-6806 DSN 957-6806	(619) 830-6869 DSN 957-6869	[N/A]
• Duty Officer Marine Corps Communications- Electronics School	(619) 830-6157 DSN 957-6157	(619) 830-6350 DSN 957-6350	[N/A]

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civ
AGSE, MWSG-17, 3RD MAW, I MEF	00173	10	414	
HQ CO, 7TH MAR, 1ST MAR DIV, I MEF	11204	58	276	
2ND BN, 7TH MAR, 1ST MAR DIV, I MEF	11210	40	898	
3RD BN, 7TH MAR, 1ST MAR DIV, I MEF	11230	39	898	
3RD BN, 11TH MAR, 1ST MAR DIV, I MEF	11330	43	631	

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ACTIVITY: 67399

Title/Name	Office	Fax	Home
• Duty Officer Headquarters Battalion	(619) 830-6806 DSN 957-6806	(619) 830-6869 DSN 957-6869	[N/A]
• Duty Officer Marine Corps Communications- Electronics School	(619) 830-6157 DSN 957-6157	(619) 830-6350 DSN 957-6350	[N/A]

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civ
AGSE, MWSG-17, 3RD MAW, I MEF	00173	10	414	
HQ CO, 7TH MAR, 1ST MAR DIV, I MEF	11204	58	276	
2ND BN, 7TH MAR, 1ST MAR DIV, I MEF	11210	40	898	
3RD BN, 7TH MAR, 1ST MAR DIV, I MEF	11230	39	898	

1ST BN, 7TH MAR, 1ST MAR DIV, I MEF	13160	38	899	
3RD LAI BN, 7TH MAR, 1ST MAR DIV, I MEF	20470	18	925	
1ST TANK BN, 7TH MAR, 1ST MAR DIV, I MEF	21410	45	819	
DET A, 1ST SRIG, HQ CO, I MEF	21671	19	170	
D CO, 3RD AAV BN, 1ST MAR DIV, I MEF	21825	7	198	
CSSG-1, 1ST FSSG, I MEF	28349	27	504	
Naval Hospital	35949	91	202	143
23rd Dental	47367	17	32	2
Marine Corps Communication-Electronics School Permanent Personnel Student Personnel	67399	51 22	530 1223	95

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

Corrected Page

ACTIVITY: 67399

3RD BN, 11TH MAR, 1ST MAR DIV, I MEF	11330	43	631	
1ST BN, 7TH MAR, 1ST MAR DIV, I MEF	13160	38	899	
3RD LAI BN, 7TH MAR, 1ST MAR DIV, I MEF	20470	18	925	
1ST TANK BN, 7TH MAR, 1ST MAR DIV, I MEF	21410	45	819	
DET A, 1ST SRIG, HQ CO, I MEF	21671	19	170	
D CO, 3RD AAV BN, 1ST MAR DIV, I MEF	21825	7	198	
CSSG-1, 1ST FSSG, I MEF	28349	27	504	
Naval Hospital	35949	91	202	143
23rd Dental	47367	17	32	2

• Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Naval Investigative Service (NIS)	43927	Bldg 1031			10
Naval Facilities Engineering Command Southwest Division	44265	Bldg 1138 T1 Bldg 1138 T2	2	1	18
Human Resources Office, MCLB, Barstow, CA	62204	Bldg 1551			13
Defense Commissary Agency	CSW50	Bldg 1024			48
Defense Finance and Accounting	QO144	Bldg 1523	1	1	10
Defense Reutilization and Marketing Office, DLA	SYD129	Bldg 2085			4
Fort Irwin for Veterinary Services	W4FF15	Bldg 1043 T2	1	6	1
American Red Cross		Bldg 1447N			6
Armed Services YMCA		Bldg 696N			3
Bank of America		Bldg 1515			10
Bulldog Video		Bldg 1533			7 Note(2)
Burger King		Bldg 1081			25
Chapman University		Bldg 1526 S			5

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ACTIVITY: 67399

Marine Corps Communication-Electronics School Permanent Personnel Student Personnel	67399	51 22	530 1223	84

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Naval Investigative Service (NIS)	43927	Bldg 1031			10
Naval Facilities Engineering Command Southwest Division	44265	Bldg 1138 T1 Bldg 1138 T2	2	1	18
Human Resources Office, MCLB, Barstow, CA	62204	Bldg 1551			13
Defense Commissary Agency	CSW50	Bldg 1024			48
Defense Finance and Accounting	QO144	Bldg 1523	1	1	10

College of the Desert		Bldg 1526 N			3
Dominos		Bldg 1519		11 Note(1)	18
Flower Garden		Bldg 1533			2
Marine Corps West Federal Credit Union		Bldg 1515			8
Marjac		Bldg 1533			2 Note(2)
National University		Bldg 1526 S			4
Navy/Marine Corps Relief Society		Bldg 1437 N			4
Paul Bluefire		Bldg 1533			2 Note(2)
San Diego Childrens Hospital		Bldg 1437 N			9
Scheduled Airlines Ticket Office		Bldg 1406 Bldg 1863			3 1
Soil Conservation Service		Bldg 1447			1
Subway		Bldg 1517		1 Note(1)	18
United Training Center		Bldg 1526 Bldg 1526 S			2
United States Postal Service		Bldg 1512			8

Note: (1) Off duty Employment
(2) Marine Corps Concessionaires

Corrected Page

ACTIVITY: 67399

Defense Reutilization and Marketing Office, DLA	SYD129	Bldg 2085			3
Defense Printing Service					4
Fort Irwin for Veterinary Services	W4FF15	Bldg 1043 T2	1	6	

Note: (1) Off duty Employment
(2) Marine Corps Concessionaires

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
29 Palms Water District	29 Palms, CA	Fire Protection Services/MUTUAL AID
3rd Marine Aircraft Wing/Los Angeles Air Route Traffic Control Center	El Toro, CA Palmdale, CA	Air Traffic Control Coordination LOA
3rd Marine Aircraft Wing/Medical Evacuation	29 Palms, CA	Medical Evacuation Support LOA
4th Marine Division	Los Angeles, CA	Mobilization transportation support for reserve equipment ISA
California Department of Fish and Game	San Bernardino, CA	Land for reintroduction of Bighorn Sheep MOU
Camp Pendleton for Marine Air Ground Task Force/Expeditionary Training Center	Camp Pendleton, CA	Operational control for the Mountain Warfare Training Center, Bridgeport MOU
County Service Area 38	San Bernardino, CA	Fire protection Services MUTUAL AID
County Service Area 70	Wonder Valley, CA	Fire protection services MUTUAL AID

Department of Defense, Bureau of Alcohol, Tobacco and Firearms and the Department of the Treasury	Various	Temporary storage/disposal of explosive MOU
Department of Veterans Affairs	San Diego, CA	Facilities/Base Operations support MOU
Joshua Tree National Monument	29 Palms, CA	Access to purchase supplies/ fuel ISA
Joshua Tree National Monument	29 Palms, CA	Fire Protection services MUTUAL AID
Los Angeles Air Route Traffic Control Center	Palmdale, CA	Air traffic control operations LOA
Marine Corps Air Station, El Toro	El Toro, CA	Alternate route circuit LOA
Marine Corps Air Station, Yuma	Yuma, AZ	Alternate route circuit LOA
Marine Corps Communication-Electronics School/Commander Amphibious Group Three	San Diego, CA	Training support on AN/VCC-2A radios MOA
Marine Corps Reserve Forces	New Orleans, LA	Administrative control functions for training and mobilization MOA
Naval Oceanography Command	Stennis Space Center, MS	Land for installation of antenna MOA
Naval Construction Engineering Command, Port Hueneme	Port Hueneme, CA	Training/Base operations support ISA
San Bernardino County Environmental Health Services	San Bernardino, CA	Hazardous materials emergency response MUTUAL AID

Yucca Valley Fire Department	Yucca Valley, CA	Fire protection services MUTUAL AID

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

PROVIDED AS EXHIBIT A

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

PROVIDED AS EXHIBIT B

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

NOTE:

Aerial photo(s) to be forwarded by separate correspondence upon receipt. Development of aerial shots have been commercially contracted and are pending receipt from the developers located in Los Angeles, CA.

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.) NA

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R.H. Sutton — R.H. Sutton
NAME (Please type or print) — Signature

Commanding General — 10 Feb 94
Title — Date

Marine Corps Air Ground Combat Center
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print) _____ Signature R.A. Tuck

Title _____ Date 18 FEB 1994

UNITED STATES MARINE CORPS
MARINE CORPS AIR GROUND COMBAT CENTER
TWENTYNINE PALMS, CALIFORNIA 92278-5000

IN REPLY REFER TO:

11011
11 Feb 94

From: Commanding General
To: Commandant of the Marine Corps, LFL, Headquarters, United States Marine Corps, Washington, D. C. 20380-0001

Subj: SUBMISSION OF BASE CLOSURE AND REALIGNMENT ACT DATA CALL NUMBER ONE FOR 1995 SELECTION PROCESS

Ref: (a) CMC Ltr 11011 LFL/B-200 of 14 Jan 94

Encl: (1) Certification Form
(2) Hard Copy Data Call 1

1. In accordance with the reference, the enclosures are provided. A disk copy of Data Call 1 in WordPerfect format will be forwarded by E-Mail this date, along with a completed faxed certification form. The hard copy will be forwarded separately to arrive at Headquarters, Marine Corps within three days via regular mail.

R. H. Sutton

R. H. SUTTON

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: ONE (GENERAL INFORMATION)

ACTIVITY: MCAGCC

PAGE (S): 8 through 12 (Corrected Pages)

DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

R. A. TIEBOUT
LIEUTENANT COLONEL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print)

Title

R.A. Tiebout

Signature

15 April 94

Date

Document Separator

230 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

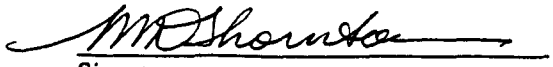
Installation Name:	**TWENTYNINE PALMS CA MAGCC**
Unit Identification Code (UIC):	**M67399**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	508	INFANTRY SQD BATTLE COURSE	MCON	2,490
		Sub-Total - 1996		**2,490**
1997	463	CHILD DEVELOPMENT CENTER	MCON	4,100
		Sub-Total - 1997		**4,100**
1998	241	COMM/ELEC MAINT FAC	MCON	5,960
		Sub-Total - 1998		**5,960**
1999	518	NCO ACADEMY	MCON	3,150
		Sub-Total - 1999		**3,150**
2001	451	HEATING PLANT ENLARGEMENT	MCON	1,550
2001	466	REMOTE PILOT LANDING STRIP	MCON	1,650
2001	504	HOSP REDESIGNATE & RENOV	MCON	2,000
		Sub-Total - 2001		**5,200**
		Grand Total		**20,900**

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)


Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

12/7/94
Date

Document Separator

230

R

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 2: Family Housing Construction Projects

Installation Name:	**TWENTYNINE PALMS CA MAGCC**
Unit Identification Code (UIC):	**M67399**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1997	H358	HOUSING OFFICE	FHSG	1,500
1997	H362	COMMUNITY CENTER	FHSG	2,180
		Sub-Total - 1997		**3,680**
		Grand Total		**3,680**

(Revised 9 Dec 94) *(* - Cost Avoidance is less than project programmed amount)*

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

MD Thornton
Signature

9 Dec 94
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

12/9/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**TWENTYNINE PALMS CA MAGCC**
Unit Identification Code (UIC):	**M67399** #230
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	508	INFANTRY SQD BATTLE COURSE	MCON	2,490
		Sub-Total - 1996		**2,490**
1998	241	COMM/ELEC MAINT FAC	MCON	5,960
		Sub-Total - 1998		**5,960**
1999	518	NCO ACADEMY	MCON	3,150
		Sub-Total - 1999		**3,150**
2001	451	HEATING PLANT ENLARGEMENT	MCON	1,550
2001	466	REMOTE PILOT LANDING STRIP	MCON	1,650
2001	504	HOSP REDESIGNATE & RENOV	MCON	2,000
		Sub-Total - 2001		**5,200**
		Grand Total		**16,800**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Jack E Buffington
Signature

7/13/94
Date

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

W A Earner
Signature

Title

7/18/94
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,

2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,

3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than $15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

Document Separator

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DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 2: **Family Housing Construction Projects.**

Installation Name:	MCAGCC TWENTYNINE PALMS, CA
Unit Identification Code (UIC):	67399
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
97	TPH-701M2	WHR 198 UNITS	FHSG	13,381
		SUB TOTAL-1997		13,381
		GRAND TOTAL		13,381

Enclosure (1)

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Installation Name:	MCACGCC TWENTYNINE PALMS
Unit Identification Code (UIC):	M67399
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	P-508	INFANTRY SQUAD BATTLE COURSE	MCON	2,490
	Sub Total	1996		2,490
1998	P-241	COMM/ELEC MAINTENANCE/ STORAGE	MCON	5,960
	Sub Total	1998		5,960
1999	P-518	NCO ACADEMY	MCON	3,150
	Sub Total	1999		3,150
2001	P-504	COMMUNITY SERVICES	MCON	2,000
2001	P-466	UAV LANDING STRIP	MCON	1,650
2001	P-451	HEATING PLANT EXPANSION	MCON	1,550
	Sub Total	2001		5,200
	Grand Total			16,800

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J.A. BRABHAM
LIEUTENANT GENERAL U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print

Signature

Title

Date 4/26/94

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**WALLOPS IS VA NSURFWPNCND**
Unit Identification Code (UIC):	**N46411** #320
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1994	338	SHIP SELF DEFENSE ENGINEERING FACILITY	MCON	1,680
		Sub-Total - 1994		**1,680**
2000	300	WARFARE SYS INTEGR LAB	MCON	10,500
		Sub-Total - 2000		**10,500**
		Grand Total		**12,180**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Signature

Title

7/18/94
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

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Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than $15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

Document Separator

UIC: 67399

MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
TRAINING CENTER/SCHOOL: Marine Corps Air Ground Combat Center, Twentynine Palms, California

Category . . Education and Training
Subcategory Training Centers and Schools
Types . . . Navy and Marine Corps Training Centers and Navy Schools

*******If any responses are classified, attach a separate classified annex*******

June 27 1994

UIC: 67399

NAVY TRAINING CENTERS AND SCHOOLS LISTING:

Type	Title	Location
School	U.S. Naval Academy	Annapolis, MD
School	Naval War College	Newport, RI
School	Naval Postgraduate School	Monterey, CA
School	Surface Warfare Officers School Command	Newport, RI
School	Navy Supply Corps School	Athens, GA
School	Navy Submarine School	New London, CT
Training Center	Naval Education and Training Center	Newport RI
Training Center	Naval Training Center	Great Lakes, IL
Training Center	Trident Training Facility	Bangor, WA
Training Center	Trident Training Facility	Kings Bay, GA
Training Center	Naval Nuclear Power Training Unit	Balston Spa, NY
Training Center	Naval Nuclear Power Training Unit	Idaho Falls, ID
Training Center	Naval Technical Training Center	Corry Station, FL
Training Center	Naval Technical Training Center	Meridian, MS
Training Center	Naval Air Technical Center (Millington)	Pensacola
Training Center	Fleet Combat Training Center, Atlantic	Virginia Beach, VA
Training Center	Fleet Combat Training Center, Pacific	San Diego, CA
Training Center	Naval Amphibious School	Little Creek, VA
Training Center	Naval Amphibious School	Coronado, CA
Training Center	Fleet Training Center	Norfolk, VA
Training Center	Fleet Training Center	Mayport, FL
Training Center	Fleet Training Center	San Diego, CA
Training Center	Fleet Anti-Submarine Warfare Training Center, Atlantic	Norfolk, VA
Training Center	Fleet Anti-Submarine Warfare Training Center, Pacific	San Diego, CA
Training Center	Fleet Mine Warfare Training Center (Charleston)	Ingleside, TX
Training Center	AEGIS Training Center	Dahlgren, Va

UIC: 67399

MARINE CORPS TRAINING CENTERS LISTING:

Type	Title	Location
Training Center	Marine Corps Combat Development Command	Quantico, Va
Training Center	Marine Corps Air Ground Combat Center	Twentynine Palms, Ca
Training Center	Marine Corps Recruit Depot	Parris Island, SC
Training Center	Marine Corps Recruit Depot	San Diego, Ca

Data for Military Value

Table of Contents

Introduction

1. Purpose. This introduction provides general instructions for replying to this data call; individual questions and footnotes give specific instructions for completion of tables, computations, etc.

2. References

a. Use projected promotion and retention rates and the Base Force Structure as outlined in the JCS Memorandum dated 7 February 1994 re: 1995 Base Realignments and Closures Force Structure Plan to determine future training mission requirements.

b. Refer to the NAVFAC P-72 for Facility Category Code Numbers (CCNs).

c. NAVFAC P-80 provides a discussion of the general nature of each CCN; use it to delineate "types" of facilities that share a common CCN.

d. Refer to NAVFACINST 11010.44E for definition of adequate, substandard, and adequate facilities.

e. Use the DoD Military Training Report FY 1993 definitions of types of training to classify the training and education conducted by the school or training center.

3. Definition of Terms. For purposes of this data call the following apply:

a. A **Formal School** is an activity that sponsors one or more programmed courses of instruction (i.e. Chaplain's School, Service Schools Command, Weapons Training Battalion).

b. A **Course of Instruction** (i.e. Boiler Technician "A," Scout Sniper Instructor) comprises one or more individual contact periods (classes).

c. A **Combined Arms Exercise** (CAX) is training that units are programmed to undergo at the Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

d. An **Educational Institution** is an activity that grants either an undergraduate or postgraduate degree(s) (i.e. U.S. Naval Academy).

e. A **Degree** requires the completion of an established curriculum.

f. A **Curriculum** comprises one or more courses of instruction.

g. A **Facility** is a space (e.g. a room), a defined area (e.g. a range), a structure (e.g. a building), or a structure other than a building (e.g. an obstacle course); it is possible for a building to house one or more facilities of different types.

Introduction (Cont.)

h. **Recruit Training** is training upon initial enlistment or induction which provides a general indoctrination to the service, teaches skills and knowledge in basic military subjects, and prepares the recruit for early adjustment to military life. For the Navy, this is Class "R" training.

i. **Officer Acquisition Training** consists of training and education programs leading to a commission. For the Marine Corps, this includes the Marine Enlisted Commissioning Education Program (MECEP); for the Navy, this is class "P" training.

j. **Apprentice Training** is fundamental training in one of four basic skills areas (Seaman, Fireman, Airman, Constructionman) that enlisted personnel, who are not yet slated for a rating, receive immediately after recruit training. For the Navy, this is class "AA" training.

k. **Initial Skill Training** includes all formal training following recruit training or commissioning and leading toward the award of a military occupational specialty (MOS) or rating at the lowest level. For the Navy, this includes all class "A" training (except "AA") and class "M" (subcategories "M3" and "M4" only) training.

l. **Skill Progression Training** is training service members receive after initial skill training, and normally after having gained experience through actual work in their specialty, through which is gained the knowledge to perform at higher skill levels, in a supervisory position, and to assume increased responsibilities. For the Navy, this is class "C", "G" and "M" (subcategories "M1" and "M2" only) training.

m. **Functional Training** is training in subject areas that cut across the scope of MOSs/ratings and provides additional required skills with out changing the service members primary specialty or skill level. For the Navy, this is class "F" training.

n. **Team Training** provides team functional skill training to increase proficiency required by Fleet or Type Commanders. For the Navy, this includes class "T" training.

o. **Professional Development Education** (PDE) provides training and education to career military personnel, enlisted and officer, to prepare them to perform increasingly complex responsibilities as they progress in their military careers. PDE may or may not lead to an academic degree. For the Navy, this is class "D" and "E" training.

4. Coordinating Instructions

a. Enter the primary UIC *of the data call respondent* (identified in the preceding listings of Navy and Marine Corps schools and training centers) and the page number at the

Introduction (Cont.)

bottom of each page of the response; ensure that additional pages created include this identifier.

b. Where information about current facilities available is requested, include MILCON projects that are not BRAC related, which have been authorized and appropriated and for which contracts are to be awarded by 30 September 1994; *do not* include projects submitted in the FY 95 Presidential Budget. Proposed MILCON projects in support of previous BRAC decisions should be included in response by gaining activities.

c. If any of the information requested is subject to change between now and the end of Fiscal Year 2001 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

d. Use the codes listed below to respond to questions where the "Type of Training" is requested.

Code	Type of Training
RT	Recruit Training
OA	Officer Acquisition Training
AA	Apprentice
IS(E)	Enlisted Initial Skill Training
IS(O)	Officer Initial Skill Training
SP(E)	Enlisted Skill Progression Training
SP(O)	Officer Skill Progression Training
FE	Enlisted Functional Training
FO	Officer Functional Training
TT	Functional Team Training
PD	Professional Development Education

Introduction (Cont.)

e. Where "Course Identifier" is requested, educational institutions shall indicate the department and time period concerned (e.g. English/1st Semester, Wargaming Center); formal schools shall use course identification numbers, either CIN or CID; and the Marine Corps Air Ground Combat Center shall indicate CAX types (e.g. USMC BLT, USMCR RLT).

f. Tenant activities of a school or training center that use space must be accounted for under the host UIC for all courses taught and classroom space utilized.

g. Unless specified otherwise, "throughput" figures should include that from all sources (DON, other DoD, active and reserve components, and non-DoD).

h. Use "N/A" to respond to a question and/or table that does not apply; provide the reason(s) why it is not applicable.

i. Provide best estimates where projections of future peacetime or mobilization requirements are requested.

j. Delete the examples in bold type (provided in various tables to facilitate understanding on how to present the data requested) in responding to the questions.

RESPONDER'S NOTE TO DATA CALL NO.23

Responses to DATA CALL No. 23 have been separated and tabbed in the following sections for ease of presentation and referencing. The order of presentation as originally outlined in the data call's table of contents has been maintained.

1. Section 1 MCAGCC/CAX Program Page 6

   Section 2 Marine Corps Communications-Electronics School Data Page 41

   Covering:

Mission Requirements	Paragraphs A - D
Facilities	Paragraphs A - G

2. Section 3 MCAGCC Installation Page 60

   Covering:

Facilities"	Paragraphs H- M
Location	
Features and Capabilities	Paragraphs A - E

3. Data File: A: DC23MVF
   (includes all areas of the data call)

Section I

The following responses to DATA CALL NO.23 relate to MCAGCC\CAX program. (Paragraphs, "Mission Requirements" A-D and "Facilities" A-G relate.)

Mission Requirements

A. Formal Training

1. Using the below table, indicate the types of training that are currently conducted at your activity/installation (i.e., answer yes or no for each type). For those types of training that are conducted, also give the number of courses taught and the number of students trained during FY 1993. **For CAX's, provide number of types vice number of courses.** Calculate AOB for formal schools and educational institutions using calendar days as follows:

Formal Schools (Students take only one course at a time)

$$AOB = \frac{\text{Sum of (course length x course throughput) for each course}}{365}$$

Educational Institutions (students take multiple courses at one time)

AOB = Daily number of students averaged over 365 days

Type of Training	Yes/ No	Student Throughput	# of Courses	AOB
Recruit Training	No			
Officer Acquisition Training	No			
Professional Development Education (Sergeants Course) Active Duty Course-30 days Reserve Course-14 days TOTAL	Yes	 800 100 900	 8 1 9	 65.75 3.84 69.59
Apprentice Training	No			
Initial Skills Training (E) Close Combat Pistol Course (Miliary Police) Qualification Active Course-5 days Marksmanship Coaches School (MOS 8531) Active Course-21 days TOTAL	Yes	 4 39 43	 1 12 13	 .05 2.24 2.29
Initial Skills Training (O)	No			

Skill Progression Training (E)	Yes			
Annual Rifle Marksmanship Training/Qualification				
Active Course-12 days		5346	32	175.76
Reserve Course-1 day		349	4	.96
Annual Pistol Marksmanship Training/Qualification				
Active Course-5 days		2090	32	28.63
Reserve Course-1 day		53	3	.15
Annual Close Combat Pistol Course (Military Police)				
Active Course-2 days		32	3	.18
Advance Rifle/Pistol Marksmanship Training				
Active Duty				
Intramural Course-21 days		32	1	1.84
CIAP Course-68 days		8	1	1.49
LMCP Course-4 days		6	2	.07
MOT 4600 MOS		15	1	.04
TOTAL		7931	79	209.12
Skill Progression Training (O)	Yes			
Annual Rifle Marksmanship Training/Qualification				
Active Duty Course-12 days		241	32	7.92
Reserve Course-1 day		9	4	.02
Annual Pistol Marksmanship Training/Qualification				
Active Duty Course-5 days		427	32	5.85
Reserve Course-1 day		16	3	.04
Advance Rifle/Pistol Marksmanship Training				
Active Duty				
Intramural Course-21 days		5	1	.29
CIAP Course-68 days		2	1	.37
LMCP Course-4 days		2	2	.02
TOTAL		702	75	14.51

Functional Training (E)	Yes			
Service Pistol Familiarization Training				
Active Duty Course-1 day		453	20	1.24
Reserve Course-1 day		30	1	.08
Service Pistol Combat Orientation Training				
Active Duty Course-1 day		3022	73	8.28
Service Shotgun Familiarization Training				
Active Duty Course-1 day		164	10	.45
Audiovisual Media Operator Course			104	10.05
Precision Ground Training System Course				
MILES Operator Training Course		744		4.08
TOTAL		4413	208	24.18
Functional Training (O)	Yes			
Service Pistol Familiarization Training				
Active Duty Course-1 day		4	2	.01
Service Pistol Combat Orientation Training				
Active Duty Course-1 day		433	73	1.19
TOTAL		437	75	1.20
Functional Team Training (O/E)	No			
CAX	Yes			
Regular CAX (22 days long)		14,000	4	843.8
Enhanced CAX (35 days long)		14,000	2(1=2R)	1,342.5
Reserve CAX (14 days long)		10,000	2	383.6
TOTAL		38,000	10	2,569.9

2. Indicate in the table below all types of training that were conducted at your installation at any time during the past ten years (since fiscal year 1984). For those training types that are no longer conducted, give the year when the training ended.

MCAGCC\CAX

Type/Level Training	Yes/No	Year Training Ended
Recruit Training	No	
Officer Acquisition Training	No	
Professional Development Education	Yes	On-Going
Apprentice Training	No	
Initial Skills Training (E)	Yes	On-Going
Initial Skills Training (O)	No	
Skill Progression Training (E)	Yes	On-Going
Skill Progression Training (O)	Yes	On-Going
Functional Training (E)	Yes	On-Going
Functional Training (O)	Yes	On-Going
Functional Team Training (O/E)	No	

3. If your command provides undergraduate/graduate degrees answer the following four questions. N/A

(a) Does your activity grant undergraduate degrees? If yes, complete the following table. No

Type of Degree	Number of Degrees Awarded		
	FY 1991	FY 1992	FY 1993
N/A	N/A	N/A	N/A

(b) Does your activity grant graduate degrees? If yes, complete the following table.
No

Type of Degree	Support Subspecialty Billet			Support JPME Billet		
	FY 1991	FY 1992	FY 1993	FY 1991	FY 1992	FY 1993
N/A	N/A	N/A	N/A	N/A	N/A	N/A

(c) What percentage of those enrolled in an undergraduate/graduate degree program did not complete requirements for a degree? Provide the percentage for the past three years.
N/A

(d) Is there a degree granted at your institution that cannot be obtained elsewhere? If so, provide a list. N/A

4. Indicate in the following table by a "y" for yes and a "n" for no each type of school at your command.

School	Enlisted (Y/N)	Officer (Y/N)
Senior Enlisted Academy	N	N
Surface Warfare Training	N	N
AEGIS	N	N
Submarine Warfare Training	N	N
Diving and/or Salvage	N	N
Dental	N	N
Chaplain/Religious Programs	N	N
PAO/Journalism/Photography	N	N
Communications *	Y	N
Oceanography/Aerography	N	N
Aviation/Flight	N	N
Supply/Logistics	N	N
JAG/Legal	N	N
CEC/Seabee	N	N
Medical	N	N
Education	N	N
Cryptology	N	N
Intelligence	N	N
EOD	N	N
General Skills	N	N
Special Warfare	N	N
Music	N	N

* Data Call information reported seperately by Section II.

5. Do you have a requirement for teaching classified course work? If yes answer the following questions. No

(a) How many courses do you teach that utilize classified resources? N/A

(b) Do you have an approved Sensitive Compartmented Information Facility (SCIF)? Provide capacity in terms of seats for each SCIF. Yes. Seating for 30, can expand to seat 40.

(c) Do you have any secure classrooms/labs (do not include SCIF's)? How many? Provide the capacity in terms of seats for each classroom/lab. No

(d) Do you have secured storage? Provide square footage.
TEECG has a certified classified material "strong room" with 240 square feet. O&T has 5 safes (Director 1 (2-Drawer)/EOD 2: 1 (2-drawer), 1 (4-drawer)/TEECG 2 (4-Drawer))

(e) Are current facilities adequate to support courses that use classified material? Yes

6. For each type of training conducted by your command, give the number of courses that are currently taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)).

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training	N/A	N/A	N/A
Officer Acquisition Training	N/A	N/A	N/A
Professional Development Education	N/A	N/A	N/A
Apprentice Training	N/A	N/A	N/A
Initial Skills Training (E)	N/A	N/A	N/A
Initial Skills Training (O)	N/A	N/A	N/A
Skill Progression Training (E)	N/A	N/A	N/A
Skill Progression Training (O)	N/A	N/A	N/A
Functional Training (E)	N/A	N/A	N/A
Functional Training (O)	N/A	N/A	N/A
Functional Team Training (O/E)	N/A	N/A	N/A

7. For each type of training conducted by your command give the number of courses that could be taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)).

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training	N/A	N/A	N/A
Officer Acquisition Training	N/A	N/A	N/A
Professional Development Education	N/A	N/A	N/A
Apprentice Training	N/A	N/A	N/A
Initial Skills Training (E)	N/A	N/A	N/A
Initial Skills Training (O)	N/A	N/A	N/A
Skill Progression Training (E)	N/A	N/A	N/A
Skill Progression Training (O)	N/A	N/A	N/A
Functional Training (E)	N/A	N/A	N/A
Functional Training (O)	N/A	N/A	N/A
Functional Team Training (O/E)	N/A	N/A	N/A

8. List the courses taught by your command that require special/unique facilities which are not currently available at any other Navy/Marine Corps facility.

Course Identifier	Unique/Special Facility Requirements
CAX	Extensive Live Fire and Maneuver Ranges Dedicated Military Airspace Surface to Infinity in R-2501 (MCAGCC)
FSCAC (Fire Support Coord. Application Crs.)	Extensive Live Fire and Maneuver Ranges Dedicated Military Airspace Surface to Infinity in R-2501 (MCAGCC)

9. List by course identifier the courses/CAX's in which elements must be waived because the current training facilities/areas do not completely accommodate course/CAX requirements. Provide a general description of the training element waived and the reason(s) why it was waived (specify any applicable CCN or training area).

Course Identifier	Description of Training Element Waived	Reason for waiver
None	N/A	N/A

10. Complete the following table for each course/CAX which requires the use of training facilities/areas at other locations. Provide course identifier, name and location of the training facility or area, distance in miles, frequency/convening, annual costs and the reason for using the training facility/area. Do not include courses taught by MTT's.

Course Identifier	Name and Location of Training Facility/Area	Distance (miles)	Freq/ Conv	Annual Costs	Reason
CAX	MCAS, El Toro, CA	104	10 CAXs	$924,236	KC-130 In-Flight Refueler Support (KC-130s bring refuel fuel from El Toro--EAF does not have enough storage capacity)
CAX	March AFB, CA Carswell AFB, TX Minot AFB, ND	77 1070 1240	10 CAXs	$480,000	USMC does not own B-52 aircraft, B-52s are reqr to supt each CAX, B-52s cannot land at EAF, airfield too short, aircraft too heavy.
CAX	MCAS Yuma, AZ NAS Fallon, NV	133 390	2 ECAXs	$1,600,000	Inadequate airspace at MCAGCC to perform Integrated Airstrikes

CAX	MCB Camp Pendleton, CA	103	8 CAXs	$100,000	MCAGCC does not have a MOUT facility
CAX	Laguna AAF, CA	134	2 CAXs	$64,000	Long Distance Raids must be executed at distant sites
CAX	MWTC Bridgeport, CA	345	10 CAXs	$720,000	Tactical Recovery of Aircraft and Personnel (TRAPs)
A14M8D2	Contracting Officers Representative Course (O)	125	As Required	$714	Not available locally. Naval Regional Contracting Center, Long Beach, CA provides for this area.
A14M8D2	Contracting Officer Representative Course (E)	125	As Required	$645	Not available locally. Naval Regional Contracting Center, Long Beach, Ca provides for this area.
N23M6P3	Photographic Equipment Maintenance Course	1997	As Required	$1351	Taught only at Pensacola, FL
N23T353	EH-38 Photographic Course	1997	As Required	$1664	Taught only at Pensacola, FL. This activity does not conduct formal photographic training.
N23T3V3	Photo Admin and Supply (AV Management)	2100	As Required	$626	This course of instruction is taught at MCCDC Quantico, VA
N2346C3	Cinema/TV Production Specialist	150	As Required	Funded by Higher HQ	Cinematic Course provided at UCLA and approved by HQMC

Advanced Marksman-ship *	Camp Pendleton, CA Phoenix, AZ Boulder City, NV Coalinga, CA Capitan, NM	103 325 260 290 775	4 7 1 2 1	$1350 $1518 $295 $1060 $420	To participate in Advanced Marksmanship Competition Programs with organizations at other stations.

*To enhance marksmanship proficiency and combat readiness by providing Marines from different units with advanced skills in both rifle and pistol marksmanship to serve as instructors and scout snipers. To compete with both military and civilians in competition as a team and as individuals and to seek self-improvement and confidence with the rifle and the pistol.

11. Does your command/installation train both male and female personnel? If so, to what extent are facilities segregated by gender? Indicate which facilities are gender specific by CCN and provide the square footage.

Yes. Billet Space and Head Facilities are identical in construction and dedicated to gender specific use based on CAX exercise force and Sergeant's Course class gender composition. 4 of the 7 heads at Marksmanship Training Unit are gender specific and the remaining 3 are co-use.

B. Other Training Support

1. List all ground combat units that train at your installation.

Ground Unit	Training Function / Facilities Used
1st Marine Division 2nd Marine Division	CAX/All Ranges Unit Marksmanship Training, Sniper Training, Combat Pistol Training, M249 and M60 Machine Gun Zeroing and Qualification/Ranges 101, 101A, 101B, 102A, 102B
Seal Team 1 British Royal Marines	Small Arms Training/ Ranges 101, 101A, 101B, 102, 102A, 102B
U.S. Army MLRS Battalion	CAX/All Ranges
Canadian Mech Brigade	Unit Mech Armor Training/Delta Corridor

2. List all other units not previously mentioned (active, reserve, guard, etc.) that train at your installation.

Operational Unit	Training Function / Facilities Used
MARRESFOR	CAX/All Ranges Rifle and Pistol Qualification, Unit Small Arms Marksmanship Training, Sniper Training, Combat Pistol Training, and M249 and M60 Machine Gun Familiarization and Qualification/Ranges 101, 101A, 101B, 102B
U.S. Army Veterinary Service	U.S. Army Rifle Qualification Course/Range 101
U.S. Naval Hospital Twentynine Palms	U.S. Navy Rifle and Pistol Qualification Course/Ranges 101 and 102
5th Special Forces	Fire and Maneuver Training/North, South, and West Training Areas and numbered ranges.
Security Operations Task Force	Fire and Maneuver Training/North, South, and West Training Areas and numbered ranges.

2nd Marine Aircraft Wing	Close Air Support/R2501N, E, S, W
3d Marine Aircraft Wing	Close Air Support/R2501N, E, S, W
Port Hueneme Naval Construction Battalion	Blasting and Quarry Operations/Quarry Area
Naval Construction Battalion (SeaBees)	Construction/All Training Areas
Naval Aviation	Deep Air Strikes/R2501N, E, S, W
Army Aviation	Tactical Infiltration/R2501N, S, E, W
Army Infantry	Fire and Maneuver Training/All Training Areas
USAF Tactical Fighter Squadrons	Deep Air Strikes/R2501N, S, E, W
USAF Aviation Wing	Airdrops and Landing Zone Operations/All Drop Zones and ALZ Sandhill
Air National Guard	Air Mobility Training/All Drop Zones and ALZ Sandhill

3. List all requirements the installation or its tenants have to support local area unit or battle group level training (e.g., battle group exercise).

Training Supported	Location of Training	Type of Support	# Times per Year
Sergeants Course	Range 103	Land Navigation Course	
		Offensive/Defensive Operations	9
	Range 112	MK-19 Familiarization Firing	9
	Range 113	M2 .50 caliber Machine Gun Fam Fire, M-60 Fam Fire, SAW Fam Fire, 9mm Fam Fire, M-203 Fam Fire	9
	PRTC Track	Combat Conditioning Course	9
CAX	All Ranges	Live Fire and Maneuver Ranges, Mechanical Target Ranges, Sensitive Fused Munitions Ranges, WISS and Strafing Ranges, Aviation Ordnance Jettison Areas, Staging, Bivouac, and Assembly Areas, Helicopter Landing Zones-Tactical and Garrison Expeditionary Air Field	10
CAX	Mainside Support Facilities	Equipment Allowance Pool, Tank/Artillery Maintenance Facility, Hospital and Dental Clinic, Supply and Repair Parts Support, MWR Support	10
Sergeants Course	Mainside Support Facilities	Hospital and Dental Clinic, Administrative and Supply Support-HQBn, Barracks Billeting, MWR Support	9
Annual Rifle Qualification	Bldg 2143/ 2168 Range 101A/101	5 Days Classroom Instruction and Practical Application. 4 Days Live Fire Training and 1 Day for Qualification. (Operation of the Range, Coaches, Target Material, and Admin Support are Provided for All Rifle/Pistol Range Courses.)	32
Annual Pistol Qualification	Bldg 2149 Range 102	Classroom Instruction and 4 Days of Live Fire Training and 1 Day for Qualification.	32

Annual Close Combat Pistol Course Qualification	Range 102A	Military Police Only. Initial Qualification=Classroom Instruction with 4 Days of Live Fire Training and 1 Day for Qualification. Requalification=Classroom Instruction with 1 Day of Live Fire Training and 1 Day for Qualification	4 Plus As Required
Combat Pistol Orientation	Bldg 2170 Range 102B	Classroom Instruction with Live Fire and Movement on a Multiple Target Automated Range.	75 Plus As Requested
Service Pistol Fam	Bldg 2149 Range 102	Classroom Instruction and 50 Rounds of Live Fire Training.	20 Plus As Required
Shotgun Fam	Range 102A	Classroom Instruction and 15 rounds of Live Fire Training.	10 Plus As Required
Known Distance Rifle Training Day and Night	Range 101	Targets, Range (100 - 1000 Yards) Communications Devices Provided.	45 Plus As Requested
Live Fire and Maneuver Obstacle Course (Day and Night)	Range 101B	Automated Targets and Communications Provided	16 Plus As Requested
Machine Gun Fam and Qual (M249 and M60E-3) M16A2 BZO	Range 101A	Target Holders and Communications Provided	41 Plus As Required
Military Police Training	Range 102C	Target Holders	26 Plus As Required
CAX	All Ranges	Video Coverage of Combined Arms Exercise	10
CAX	Photo Lab All Ranges	Studio Photographs of Malfunctioning/ Damaged Equipment	10

CAX	All Ranges	Still Photographic Documentation of Accidents/Aircraft Mishaps	10
CAX	Mainside	TAVSC Support Materials, Visual Communication Aids for Briefing, Pre/Post CAX	10
Tank Gunnery U-COFT/M1A1 Trainer	Tank Battalion	M1A1 Turret Trainer at Tank Battalion	Continuous Training
DESFIREX	All Ranges	Artillery Battalion Training using EAF Airfield, Helicopter LZs, Live Fire Ranges, Fuel Support, MWR Support, Tactical LZ	2
Steel Knight	All Ranges	Tank Battalion Training using EAF Airfield, Helicopter LZs, Live Fire Ranges, Fuel Support, MWR Support, Tactical LZ	2
CAX	Miles Trainer	MILES Equipment Training	10
CAX	AV Library	AV Equipment Operators Course, Local and Tenant and CAX Support	24
Cauldron Fire (SOTF)	All Training Areas/ R2501	Special Operations Training using EAF, Helicopter LZs, Live Fire Ranges, Fuel Support, MWR Support, Billeting, Tactical LZ	2
National Training Center Rotation 94-3 (3/5 Special Forces)	N,S,W Training Areas	U.S. Army Special Forces training using EAF, Helicopter LZs, Live Fire Ranges, Fuel and MWR Support, Billeting	1
Desert Lift (MAG-16)	All Training Areas/ R2501	Helicopter Mobility Exercise using EAF, Helicopter LZs, Live Fire Ranges, Fuel and MWR Support, and Billeting	1
Canadian Mech Brigade	Southern Training Areas/ Range 500	Pre-Bosnia work-up using EAF, Helicopter LZs, Live Fire Ranges, Fuel and MWR Support, and Billeting	1

C. Other Military Support

1. List all current RDT&E programs (RDT&E, funded studies, etc) that are active on your installation. Note if they can't be relocated and explain why.

Advanced Research Project Agency (ARPA) Synthetic Theater of War - 97 (STOW-97) Demonstration. Program cannot be relocated because MCAGCC represents the only maneuver training area where terrain has been photographed and digitized for individual maneuver in virtual simulation. MCAGCC is the only live fire and manuver DSI Node in the Marine Corp's Model and Simulation Master Plan.

Provide the field testing facility for selected new equipments under consideration for procurement, in the developmental process, or procured by the Marine Corps on a not to interfere basis with the CAX.

LAV Day-Night Sight Test.

Marine Corps Operation Test and Evaluation Activity (MCOTEA) testing site for

a. Laser Eye Protection Device Testing: Protection device testing for individual Marines and combat vehicle applications. The testing involves three levels of research: individual Marine testing, squad maneuver testing, and stationary vehicle testing.

b. Light Armored Vehicle Air Defense (LAV-AD): September 1993: MCOTEA conducted the final phase of a test of the LAV-AD which was tested utilizing Marine mechanized ground forces and Marine fixed and rotary winged aircraft. Completed last test May 94.

Fallbrook Naval Ordnance Center testing site for

a. TOW Weapons System Ordnance.

b. M198 Artillery Ammunition Ordnance.

c. 25mm and .50 Caliber Ammunition.

d. SMAW Thin Tube Casings.

e. 81mm and 60mm Mortar Ammunition.

2. Describe the role this installation plays in support of wartime logistics and mobilization requirements, e.g., Logistics Support and Mobilization Plans. Are your facilities adequate to meet this requirement? If not, identify deficiencies.

Train units in the Combined Arms Exercise Program prior to deployment to combat.

Train individual replacements for combat in desert theaters of operation. Training in Desert Warfare, Mechanized Operations, Live Fire Training, Mobilization, Reserve Combat Replacement Training.

The Marine Corps Air Ground Combat Center (MCAGCC) is designated as a Station of Initial Assignment (SIA) by the Marine Corps Mobilization Management Plan, Volume I (MPLAN, Vol I). The Combat Center's mission as an SIA is to support the deployment process of resident Fleet Marine Force (FMF) commands and the assimilation of Marine Reserve Forces (MARRESFOR) into the Active forces. SIA mobilization taskings include:

a. Providing billeting, messing, and sanitation

b. Providing operational and physical security

c. Coordinating equipment receipt, delivery, shipment, and storage

d. Providing family, medical/dental, legal, and disbursing services

e. Providing Morale, Welfare, and Recreation services

f. Providing personnel administration, transportation, and training

g. Providing Automated Data Processing (ADP), and communications support

The Combat Center's principle function during FMF unit deployments and mobilization is providing unit and individual predeployment training. Individual Replacement Training (IRT) consists of MOS Refresher Training (MRT), Combat Refresher Training (CRT), and theater specific Individual Predeployment Training (IPT). The Combat Center currently possesses the facilities to perform MRT for communications and electronics personnel at the Marine Corps Communication and Electronics School (MCCES). Sufficient ranges/training areas exist to provide MRT to combat arms Marines, however, the availability of individual, crew-served, and other weapons systems to support combat arms MOS training is dependent on the number of weapons systems that deploy with resident FMF commands. The Combat Center possesses the capability to support CRT and IPT (for a desert environment).

The Combat Center possesses the capability to conduct unit predeployment training. Indeed, the Combat Center's capability to conduct unit training is potentially its most significant contribution to mobilization and/or wartime contingency operations. As the executor of the Combined Arms Exercise (CAX) program, the Combat Center has developed an excellent foundation from which to build predeployment training packages

for Active and Reserve units.

During mobilization, the Combat Center is tasked with establishing a Mobilization Processing Center (MPC). The MPC coordinates the following for mobilized personnel:

a. Administration and personnel management

b. JUMPS/MMS and REMMPS VIS access (including the Total Force System)

c. Screening SRBs/OQRs

d. Screening medical/dental records

e. Monitoring and assigning mobilized personnel

Currently, the MPC would conduct personnel processing in the Combat Center's West Gym. This facility is not adequate to process personnel efficiently. Its primary shortfall is the lack of data and telephone infrastructure necessary to meet MPC requirements.

During mobilization, the Combat Center would likely maintain equipment left behind by deploying resident FMF units. This Remain Behind Equipment (RBE) must to maintained in order to equip mobilized Reserve units and replace equipment destroyed or damaged in combat. Current maintenance and storage facilities now occupied by resident FMF commands are probably adequate to accommodate RBE.

The most significant deficiency in the Marine Corps' and the Combat Center's mobilization plans are the availability of personnel to accomplish SIA missions. Peacetime or wartime contingency deployments that do not involve mobilization or the Presidential Selected Reserve Call-Up (PSRC) strip the Combat Center a critical Fleet Assistance Program (FAP) personnel. Without an immediate activation of the Combat Center's Individual Mobilization Augmentee (IMA) Detachment and a portion of the 4th Force Service Support Group's (FSSG) Provisional Support Battalion (Pacific) the Combat Center would be unable to maintain current facilities, support initial MPC operations, or maintain RBE.

To support 7th Marine Regiment with photographic/cinematic coverage. Their primary combat camera unit is located at I MEF. Local tasking is based on an "as requested" basis.

3. List any other military support missions currently conducted at/from this installation (e.g., port of embarkation for USMC personnel, other active duty/reserve personnel or logistics transfer missions).

EAF serves as point of embarkation for deployment of resident units and redeployment of CAX forces.

Administer, manage, and conduct the functioning of the Tactical Air Control Party Course employing live-fire exercises which incorporate the full range of aerial ordnance available in the Marine Corps inventory.

Serve as the only military installation in the continental United States that can conduct live-fire and maneuver training for the Multiple Launch Rocket System (MLRS) to the maximum range capability with tactical and training ordnance.

Administer and conduct the MCAGCTP for combined arms training of Fleet Marine Force units, active and reserve.

Administer, manage, and conduct the functioning of the Marine Corps Communication-Electronics School.

Serve as the primary Marine Corps base in the continental United States to host Marine Corps tank units as resident commands.

Historical documentation by motion or still photography of current employment of weapons or weapons systems, tactics, and employment of personnel in combat training operations.

During the two annual Reserve Combined Arms Exercises (CAX) the Combat Center receives and ships over 10,000 items of equipment. About 2-5% of this equipment (depending on requirements) is shipped to support some other exercise or shipped to a different location than it originated to support MARRESFOR redistribution plans. As required, 1st Tank Battalion and Combat Service Support Group - 1 (CSSG-1) provides third and fourth echelon maintenance support to several Reserve units including 4th Tank Battalion.

4. Are any new military missions planned for this installation?

Provide standardized fire support coordination instructor and tactical air control party training for the Fleet Marine Force.

Ensure MAGTF integration with Joint service training centers.

Enable British Commando, Royal Marine units to participate in CAX Program as part of Joint CAX force within 24 months.

Provide efficient, cost-effective training opportunities for MAGTFs as the U.S. naval components of naval expeditionary forces (NEFs) and other U.S. armed forces for Joint

operations.

Incorporate modeling and simulation with MAGTF training enabling all FMF units to participate via simulated distributed wargaming with actual maneuver units at MCAGCC.

Provide entry level and career progression training in communication-electronics operations, communication-electronics equipment maintenance, and tactical air defense/control for the Department of Defense (DoD) under the DoD training consolidation concept.

Serve as the largest Marine Corps facility to host major live fire and maneuver training exercises for Fleet Marine Force units stationed in the continental United States.

D. Other Non-Military Support

1. Does the installation have a role in a disaster assistance plan, search and rescue, or local evacuation plan? If so, describe.

Yes. Per CCO P3440.1B MCAGCC Emergency Preparedness Plan establishes a reactive plan to be implemented after a disaster has occurred. Should a major disaster occur, military training will cease and assets will be dedicated to saving lives, protecting property, search and rescue, and evacuation at the direction of the Commanding General, MCB Camp Pendleton, CA as the area FEMA director.

Augment local Disaster Assistance Organizations. Augment local hospital Capacity. Provide search and rescue assistance with manpower, aircraft, and vehicular support.

MCAGCC conducts quarterly Emergency Operations Center (EOC) drills as a proactive measure to remain prepared to deal with any natural disaster or civil disturbance that could arise aboard the installation or in the surrounding area.

TAVSC Marines provide photographic coverage for documentation/historical purposes upon request. During emergency conditions, the TAVSC would assist in the Emergency Operations Center (EOC) with documentary services. Graphics Section provides static visual information used in the EOC and AV Media Production Section provides training on equipment used in the EOC to brief current conditions, status of emergency assets, and assist in direction of relief effort.

Range Maintenance trains in man-tracking, technical rope rescue, and heavy rescue. In case of disaster, these are at the disposal of the EOC and may be tasked either on or off MCAGCC.

2. Does the installation provide any direct support to local civilian, governmental or military agencies? If so, describe.

Yes. Explosive Ordnance Disposal (EOD) Unit supports the local, state, and federal law enforcement agencies with technicians and expertise on a not-to-interfere basis with military training operations to assist in the identification, recovery, and emergency disposal of military ordnance found in the local community.

The MCAGCC EOD Unit provides direct support to other military agencies upon request on when the MCAGCC EOD Unit is the first EOD Unit to become aware of an explosive mishap involving another service's ordnance.

Provide training ranges for the U.S. Secret Service to test procedures and practices.

Authorize scout troops to come aboard the base to conduct weekend and summer

camping/training excursions.

Hosts training during school breaks for Marine Corps Junior Naval Reserve Officer Training Corps (MCJROTC) units west of the Mississippi River.

Authorize NRA matches, California Highway Patrol, Los Angeles, Orange, Riverside, and San Bernardino County Sheriff's Departments, Boy Scouts, Copper Mountain College (law enforcement classes), Park Rangers, and local gun club shoots at Rifle/Pistol Range on a case-by-case basis.

Training and Audiovisual Support Center (TAVSC) provides support, as requested, to the National Parks Service and the Mountain Warfare Training Center.

The Search and Rescue Team (MCAGCC) participated periodically in civilian searches such as the Joseph Negrete search on Mt. San Jacinto, near Palm Springs.

TAVSC provides classroom space to San Bernardino Sheriff's Office for the conduct of classes in Search Management (40 hour training package).

Fire protection services\mutual aid provided to 29 Palms Water District, County Service Area 38-San Bernadino, County Service Area 70 - Wonder Valley, Yucca Valley and Joshua Tree National Monument. Hazardous Materials Emergency Response\ Mutual Aid provided to San Bernadino County Environmental Services.

3. Are any new civilian or other non-DoD missions planned for this installation? If so, describe.

None known.

Facilities

A. Training Facilities -- Academic Instruction Building (CCN 171-10)

1. Give the total gross square footage of academic instruction buildings at your activity. Provide the square footage by the general type of classroom (i.e., General Academic Classroom and Modified Academic Classroom as defined in NAVFAC P-80), and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

OPERATIONS AND TRAINING

Classroom Type	Adequate	Substandard	Inadequate
General Academic	0	6,630	6,800
Total	0	6,630	6,800

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code: General Academic/171.10
b. What makes it inadequate?

Deficiency Codes:

(1) Bldg 1611: C26 A01 A02
(2) Bldg 1612: A03 A45 B30

c. What use is being made of the facility?

(1) Bldg 1611: NCO School
(2) Bldg 1612: NCO School
(3) Bldg 1711: General Academic

d. What is the cost to upgrade the facility to substandard?

(1) Bldg 1611: $426,000. Repairs and alterations to be performed by projects TP-217RS and TP-220MS in FY94/FY95.

(2) Bldg 1612: $380,000. Repairs and alterations to be performed by projects TP-219RS and TP220MS in FY94/FY95 at the same time as projects for bldg 1611 above.

e. What other use could be made of the facility and at what cost? No other uses could be made of either facility.

f. Current improvement plans and programmed funding: see d. above.

g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

B. Training Facilities -- Applied Instruction Building (CCN 171-20)

1. Give the total square footage of applied instruction buildings at your activity. Break out the square footage by each type of facility listed in the below table (see NAVFAC P-80 for definitions) and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate). For special applied instruction, list each facility designed for training specialized functions.

N/A

Type of Applied Instruction Building	Adequate	Substandard	Inadequate
General Applied Instruction			
Special Applied Instruction			
Training Classrooms, Building 1655			
MILES Warehouse/Training			
TACWAR Game Classroom, Building 1655			
Total Special Applied Instruction			
TOTAL			

*The MILES training course of instruction is given in an open area of the MILES warehouse, or any available area, There are no specific classrooms at MILES.

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

C. Training Facilities -- Operational Trainer Facility (CCN 171-35)

1. Give the total square footage of operational trainer buildings at your activity. Break out the square footage by the type of trainer (be specific -- e.g., MK 41VLS weapons system trainer, CG 47 Propulsion Plant Trainer, boiler room full scale model, Polaris tube full scale mock-up, etc.); and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

MCAGCC

Type of Operational Trainer Facility	Adequate	Substandard	Inadequate
Combined Arms Staff Trainer	12,798	0	0
Total	12,798	0	0

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

D. Training Facilities -- Other Training Buildings

1. Give the square footage of the training buildings listed in the below table that are at your activity. Break out the square footage by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

MCAGCC

CCN	Type of Training Building	Adequate	Substandard	Inadequate
171-15	Reserve Training Building	8,962	0	0
171-17	TV CTR/Instruction Matter	17,388	9,945	0
171-36	Radar Simulator Facility	N/A	N/A	N/A
171-40	Drill Hall	N/A	N/A	N/A
171-45	Mock-up and Training Aid Preparation Center	N/A	N/A	N/A
171-50	Small Arms Range - Indoor	N/A	N/A	N/A
171-60	Recruit Processing Building	N/A	N/A	N/A
171-77	Training Material Storage	N/A	N/A	N/A

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

E. Training Facilities -- Training Facilities Other Than Buildings (CCN 179)

1. Using the below table, give the number of training facilities other than buildings that are at your activity. For each type of training facility, give the number of facilities that are in adequate, substandard, and inadequate condition. For the **Training Courses** and **Parade and Drill Fields** provide **number of facilities/acres.**

CCN	Training Facilities	Number of Facilities		
		Adequate	Substandard	Inadequate
179-10	Aircraft Gunnery, Bombing and Rocket Range	17	2#	
179-30	Surface Projectile Range	16		1##
179-35	Weapons Range Operations Tower	3	1###	
179-40	Small Arms Range - Outdoor	9		
179-45	Training Mock-Ups	2*		
179-50	Training Course	4**	/	/
179-55	Combat Training Pool/Tank	1		
179-60	Parade and Drill Field	1/7.34***	/	/
179-70	Radar Bomb Scoring Range	1		
179-71	Electronic Warfare Training Range			
179-72	Underwater Tracking/Training Range			

*One is Helicopter Mock-Up at Rappelling Tower

**PRTC (2.8 acres), Obstacle Course (Incl in PRTC), PFT (2.2 acres), Land Navigation Course (5.25 acres)

***CGs Parade Deck is 7.34 acres (800' X 400').

#The WISS is an adequate range, Ranges 601 (Critical Munitions Range) and 605 (Helicopter Door Gunner Range) are substandard in regards to three dimensional aerial targetry. There are 16 training areas that are used for this purpose that could be included as adequate for the needs of CAX operations.

##16 Training Areas are adequate for this type of training. One Training Area (America Mine) is considered inadequate due to restricted access, close proximity to civilian highway and civilian mining properties.

###BEARMAT's facility is substandard due to inadequate communication/radar equipment, space, and lack of running water.

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code: Range 500-Multi-Purpose Range Complex.

b. What makes it inadequate? Too Small, only has one armored vehicle lane (needs four).

c. What use is being made of the facility? Annual Tank and LAV gunnery qualifications and practice.

d. What is the cost to upgrade the facility to substandard? $4 million to $8 million

e. What other use could be made of the facility and at what cost? None and N/A.

f. Current improvement plans and programmed funding: MilCon Upgrade has been submitted for approval.

g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No. Tank Battalion is able to qualify per current regulations up through Table 8, single tank maneuvers. The unit is combat ready by extending training time to accomplish practice missions, however, the unit is unable to perform section and platoon tactics due to a lack of a four-lane range.

F. Training Equipment

1. List any major or unique equipment, which in your opinion, would be cost prohibitive to replicate or move to a new site should you be required to close or relocate. Indicate if it is feasible to relocate the equipment, gross tonnage, cube and the estimated downtime for training if relocated.

Equipment	Relocatable (Y/N)	Gross tons	Cube (ft^3)	Estimated Down Time
WISS (Weapons Impact Scoring System)	Y	1.5	570	6 Months
Range 500 (MPRC) **	N	N/A	N/A	2 Years
Range 107	Y	2.5	1140	18 Months
Range 110	Y	2.5	1140	18 Months*
CAST (Combined Arms Staff Trainer)	Y	5	2880	6 Months

*Although the range targetry can be relocated, the real property and the authorization to conduct both live fire and maneuver are unique to MCAGCC and would be extremely difficult to replicate. The estimated down times are calculated on a "best case" estimate which assumes readily available funds, personnel, materials, labor, equipment, and authorization to make the move.

** Range 500 can not be moved. Reconstruction takes two years.

G. Training Areas

1. Complete the following table for all training areas considered unusable (i.e., overgrown, impassable, etc.).

Training Area	Unusable Acres	Reason Unusable
Sandhill Training Area	6154	Desert Tortoise Nesting Site/Wells-Protected
Lava Training Area	750	Petroglyph Artifacts Site-Protected Area
Lavic Lake Training Area		Lavic Lake Lava Flow-Sensitive/Protected Area and Kenton Mill Historic Site
Emerson Lake		Ames Well Historic Site
All Training Areas	40 AC.	Mines and Prospects

2. List the training areas where availability or use is limited by concurrent use of another training area or facility (i.e., proximity of live fire range, an LZ within a larger training area, etc.).

Training Area	Limitation(s) on Use or Availability
Lower Portion of Lava Training Area	Tank SABOT round firing on Range 500 in Cleghorn Pass Training Area's Surface Danger Zone extends into lower half of Lava Training Area.
Bullion	No surface access exists to the training area when Lead Mountain and Lava are in use by other live fire units.

3. For **each** training area with environmental restriction, describe the restriction, the impact on training (discuss any National Environmental Policy Act documents required prior to the commencement of the training), and any mitigation required.

TRAINING AREA: Lava
RESTRICTION: Petroglyph Artifact Area
IMPACT ON TRAINING: No training, no live fire, no maneuver, restricted area
MITIGATION REQUIRED: Environmental Impact Survey (EIS) would have to be completed. An archeologist would have to first record and attempt to collect petroglyphs prior to destruction.

TRAINING AREA: Sandhill
RESTRICTION: Desert Tortoise Nesting Site
IMPACT ON TRAINING: Off limits to all personnel except Water Well workers and NREA personnel. Transit to V-STOL pad authorized on established roads only. No off road travel, no live fire, no impacts.
MITIGATION REQUIRED: Environmental Assessment (EA) required due to the Endangered Species Act.
TRAINING AREA: Lavic Lake
RESTRICTION: Sensitive/Protected Area at Edge of Lava Flow
IMPACT ON TRAINING: No training, no live fire, no maneuver, restricted area.
MITIGATION REQUIRED: EIS required, archeologist required to record and collect prior to destruction of area.
TRAINING AREAS: Emerson Lake and Lavic Lake
RESTRICTION: Historic Sites. Ames Well (listed in historical register) located in Emerson Lake and Kenton Mills (proposed for listing in historical register) located in Lavic Lake.
IMPACT ON TRAINING: Restricted area 1000 meter diameter circle from historic site, no entry, no impacts.
MITIGATION REQUIRED: N/A
TRAINING AREAS: All Training Areas
RESTRICTION: Mines (Crystal Mine, Imperial Load, Mallory Load, Tip Top, Maumee Mine, War Eagle Mine and unnamed prospects in Lead Mountain, 3 in Sunshine Peak, Maumee Mine, Lavic Lake, and Mesa)
IMPACT ON TRAINING: No direct ordnance impacts on mine shafts
MITIGATION REQUIRED: N/A

SECTION II

The following responses to DATA CALL NO. 23 relate to the formal school aboard MCAGCC, Marine Corps Communications\Electronics School.
(Paragraphs "Mission Requirements" A-D and "Facilities" A-G relate.)

Mission Requirements

A. Formal Training

1. Using the below table, indicate the types of training that are currently conducted at your activity/installation (i.e., answer yes or no for each type). For those types of training that are conducted, also give the number of courses taught and the number of students trained during FY 1993. **For CAX's, provide number of types vice number of courses.** Calculate AOB for formal schools and educational institutions using calendar days as follows:

Formal Schools (Students take only one course at a time)

$$AOB = \frac{\text{Sum of (course length x course throughput) for each course}}{365}$$

Educational Institutions (students take multiple courses at one time)

AOB = Daily number of students averaged over 365 days

Type of Training	Yes/ No	Student Throughput	# of Courses	AOB
Recruit Training	No			
Officer Acquisition Training	No			
Professional Development Education	No			
Apprentice Training	No			
Initial Skills Training (E)	Yes	5215	25	916
Initial Skills Training (O)	Yes	43	2	12
Skill Progression Training (E)	Yes	601	24	149
Skill Progression Training (O)	Yes	12	2	1
Functional Training (E)	No			
Functional Training (O)	No			
Functional Team Training (O/E)	No			
CAX	No			

*** Course lengths adjusted from training days to calendar days, including weekends.**

2. Indicate in the table below all types of training that were conducted at your installation at any time during the past ten years (since fiscal year 1984). For those training types that are no longer conducted, give the year when the training ended.

Type/Level Training	Yes/No	Year Training Ended
Recruit Training	No	
Officer Acquisition Training	No	
Professional Development Education	No	
Apprentice Training	No	
Initial Skills Training (E)	Yes	
Initial Skills Training (O)	Yes	
Skill Progression Training (E)	Yes	
Skill Progression Training (O)	Yes	
Functional Training (E)	Yes	1993
Functional Training (O)	Yes	1993
Functional Team Training (O/E)	No	

* Discontinued funtional training courses (TYQ-23 TAOM) represent officer and enlisted operators converting to a new generation of equipment. No change in MOS occurred. Training was discontinued upon completion of the training cycle.

3. If your command provides undergraduate/graduate degrees answer the following four questions. N/A

(a) Does your activity grant undergraduate degrees? If yes, complete the following table. N/A

Type of Degree	Number of Degrees Awarded		
	FY 1991	FY 1992	FY 1993
N/A			

(b) Does your activity grant graduate degrees? If yes, complete the following table. NO

Type of Degree	Support Subspecialty Billet			Support JPME Billet		
	FY 1991	FY 1992	FY 1993	FY 1991	FY 1992	FY 1993
N/A						

(c) What percentage of those enrolled in an undergraduate/graduate degree program did not complete requirements for a degree? Provide the percentage for the past three years.

(d) Is there a degree granted at your institution that cannot be obtained elsewhere? If so, provide a list.

4. Indicate in the following table by a "y" for yes and a "n" for no each type of school at your command.

School	Enlisted (Y/N)	Officer (Y/N)
Senior Enlisted Academy	No	No
Surface Warfare Training	No	No
AEGIS	No	No
Submarine Warfare Training	No	No
Diving and/or Salvage	No	No
Dental	No	No
Chaplain/Religious Programs	No	No
PAO/Journalism/Photography	No	No
Communications	Yes (1)	No
Oceanography/Aerography	No	No
Aviation/Flight	No	No
Supply/Logistics	No	No
JAG/Legal	No	No
CEC/Seabee	No	No
Medical	No	No
Education	No	No
Cryptology	Yes (2)	No
Intelligence	No	No
EOD	No	No
General Skills	No	No
Special Warfare	No	No
Music	No	No
Basic Electronics	Yes	No
Electronics Maintenance	Yes	No
Air Defense Operators	Yes	No

Air Support Operators	Yes	No
Tact Air Cmd Center Operators	Yes	No

Note: (1) Several variable aspects of operational communications, basic joint planning, and communications equipment maintenance.

(2) CEOI generation and cryptographic equipment maintenance.

5. Do you have a requirement for teaching classified course work? YES If yes answer the following questions.

(a) How many courses do you teach that utilize classified resources? 36

(b) Do you have an approved Sensitive Compartmented Information Facility (SCIF)? No.

Provide capacity in terms of seats for each SCIF.

(c) Do you have any secure classrooms/labs (do not include SCIF's)? Yes. How many? 8 classrooms Provide the capacity in terms of seats for each classroom/lab. Capacity of classrooms varies from 26-40 seats, others are not conventional, and simulate systems, and thus have stations vice seats.

(d) Do you have secured storage? Yes. Provide square footage. 680 sf in vault type storage, 6250 in storage within classroom areas.

(e) Are current facilities adequate to support courses that use classified material? Yes.

6. For each type of training conducted by your command, give the number of courses that are currently taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)).

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training	0	0	0
Officer Acquisition Training	0	0	0
Professional Development Education	0	0	0
Apprentice Training	0	0	0
Initial Skills Training (E)	0	0	0
Initial Skills Training (O)	0	0	0
Skill Progression Training (E)	2*	0	0
Skill Progression Training (O)	0	0	0
Functional Training (E)	0	0	0
Functional Training (O)	0	0	0
Functional Team Training (O/E)	0	0	0

* LFTCPAC currently presents a one-week GCE planning class to course M0925A. This presentation is made twice annually. Point Magu currently presents a one training day frequency management overview to courses M0925A and M09CHK. This presentation is made three times annually.

7. For each type of training conducted by your command give the number of courses that could be taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)).

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training			
Officer Acquisition Training			
Professional Development Education			
Apprentice Training			
Initial Skills Training (E)	Yes (1)	Yes (2)	No
Initial Skills Training (O)	No	No	No
Skill Progression Training (E)	Yes (3) (4)	No	No
Skill Progression Training (O)	Yes (4)	No	No
Functional Training (E)			
Functional Training (O)			
Functional Team Training (O/E)			

Note: (1) TAOM Repair Crse.
(2) HF Maint Crs (TRQ-35).
(3) TAOM Tech Crs.
(4) Air Command Center Operator Crs, and Air Defense Officer Senior Crs.

8. List the courses taught by your command that require special/unique facilities which are not currently available at any other Navy/Marine Corps facility.

Course Identifier	Unique/Special Facility Requirements
M0972N TADCC	AN/TYQ-23, 15A19 training device
M0972M ADCOC	AN/TYQ-23, 15A19 training device, AN/TYQ-1, AN/TYQ-3A
M0967L ASOOC	AN/UYQ-3A, AN/TSQ-155(V)
M0972P ACEOC	AN/TYQ-23, 15A19 training device, AN/TYQ-1, AN/TYQ-3A
M09T0A ASCOC	AN/UYQ-3A, AN/TSQ-155(V)
M09CGN - PMOC & M09DQJ - PMMC	AN/TSQ-129 PLRS Master Station & Trainer
M0966V & M0966K	AN/TPS-59 Radar and Trainer
M09FGX & M09FGV	AN/TYQ-1
M09E36 & M09E3M	AN/TYQ-23
M0925, M09BEZ, M09247 & M09GCM	Tactical practical application training area, 1000 mtr square to allow for equipment utilization and adequate separation.
M09254, M0925 & M09CHK	Computer based instructional facility (35 & 42 LAN connected stations).
M09254	AN/MSC-63 Dehutted trainer
M0925U	Four bay battery shop to store lithium, cadmium, and magnesium batteries.
M09BEZ	AN/TSC-120 dehutted trainer.

9. List by course identifier the courses/CAX's in which elements must be waived because the current training facilities/areas do not completely accommodate course/CAX requirements. Provide a general description of the training element waived and the reason(s) why it was waived (specify any applicable CCN or training area).

Course Identifier	Description of Training Element Waived	Reason for waiver
NA		

10. Complete the following table for each course/CAX which requires the use of training facilities/areas at other locations. Provide course identifier, name and location of the training facility or area, distance in miles, frequency/convening, annual costs and the reason for using the training facility/area. Do not include courses taught by MTT's.

Course Identifier	Name and Location of Training Facility/Area	Distance (miles)	Freq/ Conv	Annual Costs	Reason
NA					

11. Does your command/installation train both male and female personnel? YES. If so, to what extent are facilities segregated by gender? Male and female personnel are not segregated with regard to training, messing facilities. Billeting segregation is maintained only by room. Billeting facilities are collocated. Indicate which facilities are gender specific by CCN and provide the square footage.

N/A

B. Other Training Support

1. List all ground combat units that train at your installation.

N/A

Ground Unit	Training Function / Facilities Used

2. List all other units not previously mentioned (active, reserve, guard, etc.) that train at your installation.

N/A

Operational Unit	Training Function / Facilities Used

3. List all requirements the installation or its tenants have to support local area unit or battle group level training (e.g., battle group exercise).

N/A

Training Supported	Location of Training	Type of Support	# Times per Year

C. Other Military Support
N/A

1. List all current RDT&E programs (RDT&E, funded studies, etc) that are active on your installation. Note if they can't be relocated and explain why.

2. Describe the role this installation plays in support of wartime logistics and mobilization requirements, e.g., Logistics Support and Mobilization Plans. Are your facilities adequate to meet this requirement? If not, identify deficiencies.

3. List any other military support missions currently conducted at/from this installation (e.g., port of embarkation for USMC personnel, other active duty/reserve personnel or logistics transfer missions).

4. Are any new military missions planned for this installation?

Mission Requirements

D. Other Non-Military Support

1. Does the installation have a role in a disaster assistance plan, search and rescue, or local evacuation plan? If so, describe.

* Marine Corps Communications-Electronics School has no assigned role in non-military disaster assistance except as may be tasked through the MCAGCC Emergency Operations Center (EOC) at the time it is in operation during an actuaal disaster.

2. Does the installation provide any direct support to local civilian, governmental or military agencies? If so, describe.

* Marine Corps Communications-Electronics School has no assigned role in providing direct support to local civilian, government agencies.

3. Are any new civilian or other non-DoD missions planned for this installation? If so, describe. NO

A. Training Facilities -- Academic Instruction Building (CCN 171-10)

1. Give the total gross square footage of academic instruction buildings at your activity. Provide the square footage by the general type of classroom (i.e., General Academic Classroom and Modified Academic Classroom as defined in NAVFAC P-80), and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

MCCES

Classroom Type	Adequate	Substandard	Inadequate
General Academic	49,184	0	0
Total	49,184	0	0

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

B. Training Facilities -- Applied Instruction Building (CCN 171-20)

1. Give the total square footage of applied instruction buildings at your activity. Break out the square footage by each type of facility listed in the below table (see NAVFAC P-80 for definitions) and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate). For special applied instruction, list each facility designed for training specialized functions.

MCCES

Type of Applied Instruction Building	Adequate	Substandard	Inadequate
General Applied Instruction	226,647	0	0
Total	226,647	0	0

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

C. Training Facilities -- Operational Trainer Facility (CCN 171-35)

1. Give the total square footage of operational trainer buildings at your activity. Break out the square footage by the type of trainer (be specific -- e.g., MK 41VLS weapons system trainer, CG 47 Propulsion Plant Trainer, boiler room full scale model, Polaris tube full scale mock-up, etc.); and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

MCCES

Type of Operational Trainer Facility	Adequate	Substandard	Inadequate
	N/A	N/A	N/A
Total	N/A	N/A	N/A

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

D. Training Facilities -- Other Training Buildings

1. Give the square footage of the training buildings listed in the below table that are at your activity. Break out the square footage by the material condition of the facility (i.e., adequate, Substandard, and Inadequate).

MCCES

CCN	Type of Training Building	Adequate	Substandard	Inadequate
171-15	Reserve Training Building	N/A	N/A	N/A
171-17	TV CTR/Instruction Matter	N/A	N/A	N/A
171-25	Auditorium	1616	N/A	N/A
171-36	Radar Simulator Facility	N/A	N/A	N/A
171-40	Drill Hall	N/A	N/A	N/A
171-45	Mock-up and Training Aid Preparation Center	N/A	N/A	N/A
171-50	Small Arms Range - Indoor	N/A	N/A	N/A
171-60	Recruit Processing Building	N/A	N/A	N/A
171-77	Training Material Storage	N/A	N/A	N/A

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

E. Training Facilities -- Training Facilities Other Than Buildings (CCN 179)

1. Using the below table, give the number of training facilities other than buildings that are at your activity. For each type of training facility, give the number of facilities that are in adequate, substandard, and inadequate condition. For the **Training Courses** and **Parade and Drill Fields** provide **number of facilities/acres.**

CCN	Training Facilities	Number of Facilities		
		Adequate	Substandard	Inadequate
179-10	Aircraft Gunnery, Bombing and Rocket Range	NA		
179-30	Surface Projectile Range	NA		
179-35	Weapons Range Operations Tower	NA		
179-40	Small Arms Range - Outdoor	NA		
179-45	Training Mock-Ups	NA		
179-50	Training Course	NA	/	/
179-55	Combat Training Pool/Tank	NA		
179-60	Parade and Drill Field	NA	/	/
179-70	Radar Bomb Scoring Range	NA		
179-71	Electronic Warfare Training Range	NA		
179-72	Underwater Tracking/Training Range	NA		

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

a. Facility Type/Code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP?

F. Training Equipment

1. List any major or unique equipment, which in your opinion, would be cost prohibitive to replicate or move to a new site should you be required to close or relocate. Indicate if it is feasible to relocate the equipment, gross tonnage, cube and the estimated downtime for training if relocated.

Equipment	Relocatable (Y/N)	Gross tons	Cube (ft^3)	Estimated Down Time
AN/MSC-63A	Y	4	640	3 mo.
AN/TYQ-23 (qty 3)	Y	26	3900	3 mo.
AN/TSQ-155	Y	5	1300	3 mo.
AN/TSQ-129	Y	3	700	3 mo.
AN/TPS-59 (qty 2)	Y	17	103003	3 mo.
AN/TPS-63 (qty 1)	Y	8	1300	3 mo.

* The above represents major end items of communications and electronics equipment. The operational communications and electronics maintenance school also includes thousands of smaller end items of equipment which would require relocation and set up.

* The estimated down time of three (3) months includes time to disassemble, transport, reassemble, accomplish system test, and certify the system ready for training usage.

G. Training Areas

1. Complete the following table for all training areas considered unusable (i.e., overgrown, impassable, etc.).

Training Area	Unusable Acres	Reason Unusable
NA		

2. List the training areas where availability or use is limited by concurrent use of another training area or facility (i.e., proximity of live fire range, an LZ within a larger training area, etc.).

Training Area	Limitation(s) on Use or Availability
NA	

3. For each training area with environmental restriction, describe the restriction, the impact on training (discuss any National Environmental Policy Act documents required prior to the commencement of the training), and any mitigation required.

TRAINING AREA: NA
RESTRICTION:
IMPACT ON TRAINING:
MITIGATION REQUIRED:

SECTION III

The remainig responses to DATA CALL NO.23 relate to the MCAGCC Installations in total. (Paragraphs "Facilities", H-M; "Location"; and "Features and Capabilities" A-E, relate.)

Facilities

H. Berthing Capacity

N/A

1. For each **Pier/Wharf** in your plant account list the following **structural characteristics.** Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

Table 1

Pier/ Wharf & Age[1]	CCN[2]	Moor Length (ft)	Design Dredge Depth[3] (ft) (MLLW)	Slip Width[4] (ft)	Pier Width (ft)[5]	CIA/Security Area? (Y/N)[6]	ESQD Limit[7]	# Days OOS for maint.

[1] Original age and footnote a list of MILCON improvements in the past 10 years.
[2]Use NAVFAC P-80 for category code number.
[3]Comment if unable to maintain design dredge depth
[4]Water distance between adjacent finger piers.
[5]Indicate if RO/RO and/or Aircraft access. Indicate if pier structures limit open pier space.

[6]Describe the additional controls for the pier.
[7]Net explosive weight. List all ESQD waivers that are in effect with expiration date.

2. For each **Pier/Wharf** in your plant account list the following **ship support characteristics**:

Table 2

Pier/ Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity[1]	Potable Water (GPD)	CHT (GPD)	Oily Waste[1] (gpd)	Steam (lbm/hr & PSI)[2]	Fendering limits[3]

[1]List only permanently installed facilities.
[2]Indicate if the steam is certified steam.
[3]Describe any permanent fendering arrangement limits on ship berthing.

3. For each **pier/wharf** listed above state today's normal **loading**, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Table 3

Pier/ Wharf	Typical Steady State Loading[1]	Ship Berthing Capacity	Ordnance Handling Pier Capacity[2]	IMA Maintenance Pier Capacity[3]

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

4. For each **pier/wharf** listed above, based on Presidential Budget 1995 budgeted **infrastructure improvements in the Presidential Budget 1995 through FY 1997 and the BRAC-91 and BRAC-93 realignments**, state the expected normal **loading**, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Table 4

Pier/ Wharf	Typical Steady State Loading[1]	Ship Berthing Capacity	Ordnance Handling Pier Capacity[2]	IMA Maintenance Pier Capacity[3]

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

5.a. How much pier space is required to **berth and support ancillary craft** (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

5.b. What is the average pier loading in ships per day due to **visiting ships** at your base. Indicate if it varies significantly by season.

5.c. Given **no funding or manning limits**, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

5.d. Describe any **unique limits or enhancements** on the berthing of ships at specific piers at your base.

I. Weapons and Munitions

Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

ORDNANCE COMMODITY TYPES		
Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched	CADS/PADS	LOE: Gun Ammo (20mm-16")
Threat	Strategic Nuclear	LOE: Small Arms (up to 50 cal.)
Surface Launched Threat	Tactical Nuclear	LOE: Pyro/Demo Grenades/Mortars/Projectile

1. Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordnance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT*	TONS	SQ FT*	TONS	SQ FT*
T01-2233	244.6	1910752	244.6	1910752	300	5000
T02-2232	233.5	996201	233.5	996201	300	5000
T03-2231	**322.7	1234786	322.7	1234786	**300	5000
T04-2226	5.3	31814	5.3	31814	30	500
T05-2225	42	133602	42	133602	75	1250
T06-2224	61.4	483414	61.4	483414	75	1250
T07-2223	13.5	198621	13.5	198621	75	1250
T08-2222	**101.3	249650	101.3	249650	**75	1250
T09-2221	26.5	23369	26.5	23369	120	2000
T10-2234	105.4	422799	105.4	422799	120	2000

T11-2237	298.6	1853096	298.6	1853096	300	5000
T12-2238	4.3	7	4.3	7	8.4	140
T13-2239	7.1	50689	7.1	50689	30	500
T14-2240	0.5	1458	0.5	1458	30	500
T16-2214	494.4	1001329	494.4	1001329	500	3845
T17-2243	6.3	67883	6.3	67883	30	500
T18-2244	4.9	33	4.9	33	30	500
T19-2245	11	84608	11	84608	30	500
T20-2246	15.7	197530	15.7	197530	120	2000
T21-2247	43.5	239850	43.5	239850	120	2000
T22-2248	107.4	627246	107.4	627246	120	2000
T23-2249	391.4	865781	391.4	865781	400	2000
T24-2250	338.5	2040448	338.5	2040448	400	2000
T25-2263	87.9	2439945	87.9	2439945	300	5000
T26-2264	611.8	5068776	611.8	5068776	620	5000
T27-2265	324.9	797989	324.9	797989	350	5000
T28-2242	.35	42	.35	42	6	49
T29-2242-T1	.35	42	.35	42	6	49
T30-2242-T2	EMPTY		EMPTY		6	49
T31-2242-T3	EMPTY		EMPTY		6	49
TOTAL	3905.1	2102176	3905.1	21021	4882.4	61181

* Square footage shown for current and projected inventory were computed as if ammunition stored in single layer. MRC represents size of the facility.
There are no anticipated increases or decreases in ammunition consumption.
** Data provided in the Maximun Rated Capability
Colums represents an average computation. For this reason, present inventory will exceed the Average Rated Capability when ordnance commodity types lesser in size than the standard average are stored in the subject facilities.

2. For each Stowage facility identified in question 1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

- Identify the reason(s) for which this ordnance is stored at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/ Stowage/Issue (RSSI); transhipment/awaiting issue; deep stow (war reserve); deep stow (awaiting Demil); other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
T01-2233 EARTH COVERED	C,D,E,S (NOTE1)	TRAINING	C,D,E,S
T02-2232 EATH COVERED	G	TRAINING	G,S
T03-2231 EARTH COVERED	S	TRAINING	S
T04-2226 EARTH COVERED	G	TRAINING	G,S
T05-2225 EARTH COVERED	S	TRAINING	S
T06-2224 EARTH COVERED	G	TRAINING	G,S
T07-2223 EARTH COVERED	G	TRAINING	G,S
T08-2222 EARTH COVERED	G	TRAINING	G,S
T09-2221 EARTH COVERED	G	TRAINING	G,S

T10-2234 EARTH COVERED	C,E	TRAINING	C,D,E,S
T11-2237 EARTH COVERED	C	TRAINING	C,D,E,S
T12-2238 EARTH COVERED	C,S	TRAINING	C,D,E,S
T13-2239 EARTH COVERED	D,S	TRAINING	C,D,E,S
T14-2240 EARTH COVERED	G	TRAINING	G,S
T16-2214 METAL WAREHOUSE	INERT	TRAINING	INERT
T17-2243 EARTH COVERED	B	TRAINING	B,S
T18-2244 EARTH COVERED	B	TRAINING	B,S
T19-2245 EARTH COVERED	F	TRAINING	F,S
T20-2246 EARTH COVERED	E	TRAINING	E,S
T21-2247 EARTH COVERED	C,D,E,S	TRAINING	C,D,E,S
T22-2248 EARTH COVERED	H	TRAINING	H,S
T23-2249 EARTH COVERED	H	TRAINING	H,S
T24-2250 EARTH COVERED	C,E	TRAINING	C,D,E,S
T25-2263 EARTH COVERED	C,D,E	TRAINING	C,D,E,S
T26-2264 EARTH COVERED	C,E	TRAINING	C,D,E,S
T27-2265 EARTH COVERED	C,D,E,S	TRAINING	C,D,E,S

T28-2242 ABOVE GRND BLK	EOD MIX STOW	TRAINING	EOD MIX STOW
T29-2242-T1 PREFAB ABOVE	G	TRAINING	G,S
T30-2242-T2 PREFAB ABOVE	NOT YET APPROVED	TRAINING	NOT YET APPROVED
T31-2242-T3 PREFAB ABOVE	NOT YET APPROVED	TRAINING	NOT YET APPROVED
HARD STAND 1 OPEN STOW *	C,D,E,S	TRAINING	C,D,E,S

* Authorized for 125,000 lb. New for up to 30 days

Additional comments:

NOTE 1: Compatibility groups are as follows:

a. Group B. Articles containing a primary explosive substance and not containing two or more effective protective features. Examples are detonators, blasting caps, small arms primers and fuzes without two or more safing features.

b. Group C. Propellants, explosive substances or other deflagrating explosive substances or articles containing other explosive substances. Examples are single, double, triple based and composite propellants, rocket motors and ammunition with inert projectiles.

c. Group D. Secondary detonating explosive substances or black powder or articles containing a secondary detonating explosive substance, in each case without a means of initiation and without a propelling charge, or articles containing a primary explosive substance and containing two or more effective protective procedures.

d. Group E. Articles containing a secondary detonating explosive substance, without means of initiation, without a propelling charge (other than one containing flammable or hybergolic fluid). Examples are artillery ammunition, rockets or guided missiles.

e. Group F. Articles containing a secondary detonating explosive substance with its means of initiation. Example is a fragmentation grenade.

f. Group G. Pyrotechnic substances or articles containing pyrotechnic substances, or articles containing both an explosive substance and an illuminating, incendiary, tear producing or smoke producing substance. Examples are flares, signals, incendiary or illuminating ammo and other smoke or tear producing devices.

g. Group H. Articles containing an explosive substance and white phosphorous (WP). Example is WP.

h. Group S. Substances or articles so packed that any hazardous effects arising from accidental functioning are limited to the extent that they do not significantly hinder or prohibit fire fighting or other emergency response efforts. Usually associated with small arms.

3. Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
T01-2233 EARTH COVERED	1.1	85,000	YES	NO	N/A
T02-2232 EARTH COVERED	1.1	100,000	YES	NO	N/A
T03-2231 EARTH COVERED	1.4	500,000	YES	NO	N/A
T04-2226 EARTH COVERED	(04) 1.2	70,000	YES	NO	N/A
T05-2225 EARTH COVERED	1.4	500,000	YES	NO	N/A
T06-2224 EARTH COVERED	(12) 1.2	50,000	YES	NO	N/A
T07-2223 EARTH COVERED	(12) 1.2	50,000	YES	NO	N/A
T08-2222 EARTH COVERED	1.3	500,000	YES	NO	N/A
T09-2221 EARTH COVERED	1.3	500,000	YES	NO	N/A
T10-2234 EARTH COVERED	(04) 1.2	100,000	YES	NO	N/A
T11-2237 EARTH COVERED	1.3	500,000	YES	NO	N/A
T12-2238 EARTH COVERED	1.4	500,000	YES	NO	N/A
T13-2239 EARTH COVERED	1.1	50,000	YES	NO	N/A

T14-2240 EARTH COVERED	1.4	500,000	YES	NO	N/A
T16-2214 METAL WAREHOUSE	INERT	0	YES	NO	N/A
T17-2243 EARTH COVERED	1.1	50,000	YES	NO	N/A
T18-2244 EARTH COVERED	1.1	50,000	YES	NO	N/A
T19-2245 EARTH COVERED	1.1	500,000	YES	NO	N/A
T20-2246 EARTH COVERED	1.1	500,000	YES	NO	N/A
T21-2247 EARTH COVERED	1.1	500,000	YES	NO	N/A
T22-2248 EARTH COVERED	(12) 1.2	500,000	YES	NO	N/A
T23-2249 EARTH COVERED	(12) 1.2	500,000	YES	NO	N/A
T24-2250 EARTH COVERED	(04) 1.1	500,000	YES	NO	N/A
T25-2263 EARTH COVERED	(18) 1.1	500,000	YES	NO	N/A
T26-2264 EARTH COVERED	1.1	500,000	YES	NO	N/A
T27-2265 EARTH COOVERED	(04) 1.1	500,000	YES	NO	N/A
T28-2242 ABOVE GRND BLK	1.1	1000	YES	NO	N/A
T29-2242-T1 PREFAB ABOVE	1.3	700	YES	NO	N/A
T30-2242-T2 PREFAB ABOVE	EMPTY	0	NO	NO	N/A

T31-2242-T3 PREFAB ABOVE	EMPTY	0	NO	NO	N/A
HARD STAND 1 OPEN STOW *	1.1	125,000	YES	NO	N/A

*** Authorized for 125,000 lb. New for up to 10 days.**

I. Weapons and Munitions (cont.)

4. Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

NO EXISTING RESTRICTIONS

5. Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	NO		0
Testing	NO		0
Manufacturing	NO		0
Outload	YES	AMMUNITION	488
Technical Support	YES	AMMUNITION	2,808

J. Special Military Facilities

1. For airfields in your plant account, give the designation, length, width, load capacity, lighting configurations, and type of arresting gear for each runway.

N/A

Runway	Length (ft)	Width (ft)	Weight Bearing Capacity	Lighting				Arresting gear (Type)
				F	P	C	N	

F -- Full Lighting (approach, runway edge, center, and threshold)
P -- Partial Lighting (less than full)
C -- Carrier Deck Lighting Simulated (embedded)
N -- No lighting

2. List all facilities and equipment that play a special role in military operations (e.g., radar, communications, command and control, oceanographic facilities) at the installation.

Type of Facility	Operational Mission of Facility
Radar/Air Traffic Control	BEARMAT-Range Control Facility
CAST	Combined Arms Staff Trainer-Staff Planning Facility for Officers and Defensive Operations
Live Fire Ranges	MCAGCC has the only military live fire AND maneuver ranges in the Continental United States
Laser Designated Ranges	Due to the remote and isolated location of MCAGCC ranges areas, extensive use is made of laser designated ranges without encountering hazard of off-base impact on civilian community.

Facilities

K. Other Facilities

1. In the following table, indicate the available space and condition for each facility designated or used for the functions indicated. The basic unit of measure is KSF. However, categories may be expanded to accommodate different units of measure.

Type of Facility	NAVFAC (P-80) category code	Unit of Measure	Adequate	Substandard	Inadequate	Total
Maintenance Facilities	210-xx	KSF	840	0	22	862
Fuel Storage Facilities	410-xx	BL	2.4	0	0	2.4
Explosives	420-xx	KSF	67	0	0	67
Supply Facilities	440-xx	KSF	340	23	65	428
Hospital, Medical,	500-xx	KSF	37	0	0	37
Administrative	600-xx	KSF	194	86	41	321
Electrical Power	811-xx	KW	2545			2545
Electrical Distribution	812-XX	LF	2986402			2986402
Elec Pwr Substation	813-XX	KV	41225			41225
Heat Source	821-XX	MBTU	1200			1200
Heat, Distribution	822-XX	LF	164772			164772
Heat, Gas Source	823-XX	CF	67			67
Heat, Gas	824-XX	LF	102869			102869
Refrigeration, A/C	826-XX	TN	2252			2252
Refrig A/C, Dist	827-XX	LF	5731			5731
Sewage Treat, Disp	831-XX	KGAL	2726			2726
Sewage Collection	832-XX	LF	223830			223830
Refuse and Garbage	833-XX	AC	153			153
Water Supp/Trt/Strg	841-XX	KGAL	28562			2856
Water Dist Pot Water	842-XX	LF	408456			408456
Water Fire Prot	843-XX	LF	4624			4624
Water Supp Storage	844-XX	KGAL	4088			4088

Type of Facility	NAVFAC (P-80) category code	Unit of Measure	Adequate	Substandard	Inadequate	Total
Water Dist Non Pot	845-xx	LF	200144			200144
Roads	851-XX	SY	1079782			107978
Walks Parking	852-XX	SY	1535618			153561
Grounds Drainage	871-XX	LF	380785			380785
Fence/Wall	872-XX	LF	115284			115284
Fire and other	880-XX	BX	116			116
Misc Util	890-XX	LF	4057			4057
A/C <25 TN	890-42	TN	808			808

2. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

BLDG 1440:

a. Facility type/code: Supply Facility, 441.11; Admin Facility 610.xx
b. What makes it inadequate? Deficiency codes: C26, C24, C30
c. What use is being made of the facility? Storage and Admin Facility.
d. What is the cost to upgrade the facility to substandard? Upgrade to substandard would not be economical. The building is scheduled for demolition.
e. What other use could be made of the facility and at what cost? This facility can not be economically used for any other purpose. Engineering evaluation has determined this building should be demolished.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in c3 or c4 designation on your BASEREP? No.

BLDG 1637

a. Facility Type/Code: Supply Facility, 441.11
b. What makes it inadequate? Deficiency codes: C26, A03, A02
c. What use is being made of the facility? Storage Facility
d. What is the cost to upgrade the facility to substandard? Approx $20,000.
e. What other use could be made of the facility and at what cost? No other use could be made of this facility besides storage.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1054

a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency codes: A24, A30, B30
c. What use is being made of the facility? Storage facility
d. What is the cost to upgrade the facility to substandard? This facility will be demolish upon construction of NAF project N-302 (FY94).
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1302

a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes: A30, A10, C26
c. What use is being made of the facility? Storage facility.
d. What is the cost to upgrade the facility to substandard? Approx. $15,000.

e. What other use could be made of the facility and at what cost? No other use besides supply.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1344
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency codes: C30, C22, C26
c. What use is being made of the facility? Storage Facility.
d. What is the cost to upgrade the facility to substandard? Approx $15,000.
e. What other use could be made of the facility and at what cost? No other use could be made of the facility.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1346
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency codes: C30, C22, C26
c. What use is being made of the facility? Storage Facility.
d. What is the cost to upgrade the facility to substandard? Approx $15,000.
e. What other use could be made of the facility and at what cost? No other use could be made of the facility.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1352
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes: E10, E11, E12
c. What use is being made of the facility? Storage Facility
d. What is the cost to upgrade the facility to substandard? Approx $25,000.
e. What other use could be made of the facility and at what cost? No other use could be made of the facility.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1702
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes A30, C22, C26
c. What use is being made of the facility? Storage Facility.

d. What is the cost to upgrade the facility to substandard? Approx $25,000.
e. What other use could be made of the facility and at what cost? No other use could be made of the facility.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDGS 1712, 1713, 1714
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes A30, C30, C01
c. What use is being made of the facility? Storage Facility
d. What is the cost to upgrade the facility to substandard? These facilities will not be upgraded, they will be demolished upon construction of MCON project P-241 (FY97).
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDGS 1721, 1723, 1724
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes A30, C22, C26
c. What use is being made of the facility? Storage Facility.
d. What is the cost to upgrade the facility to substandard? Approx $25,000 each.
e. What other use could be made of the facility and at what cost? No other use.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1814
a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes, A30, C30, C01.
c. What use is being made of the facility? Storage Facility.
d. What is the cost to upgrade the facility to substandard? This building will be demolished upon construction of MCON project P-241 (FY97).
e. What other use could be made of the facility and at what cost? No other use.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1851

a. Facility Type/Code: Supply Facility, 441.12
b. What makes it inadequate? Deficiency Codes, C26, A30, E05
c. What use is being made of the facility? Storage Facility.
d. What is the cost to upgrade the facility to substandard? This facility is recommended for demolition.
e. What other use could be made of the facility and at what cost? No other use.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDG 1059

a. Facility Type/Code: Admin Facility, 610.xx
b. What makes it inadequate? Deficiency Codes, A30, A10, C26
c. What use is being made of the facility? Admin Facility.
d. What is the cost to upgrade the facility to substandard? This facility is recommended for demolition.
e. What other use could be made of the facility and at what cost? No other use could be made.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

BLDGs 1611 and 1612

a. Facility Type/Code: Admin Facility, 610.xx, Academic Instruciton building, 171.10
b. What makes it inadequate? Deficiency Codes A03, A45, B30
c. What use is being made of the facility? NCO School, Admin
d. What is the cost to upgrade the facility to substandard? These facilities will be upgraded by projects TP-217RS, TP-219RS, and TP-220MS for a total of $806,000
e. What other use could be made of the facility and at what cost? Admin at approx $25,000.
f. Current improvement plans and programmed funding: See d above.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? No.

L. Maintenance, Repair, & Equipment Expenditure Data

1. Provide the **maintenance, repair, and equipment expenditure data** asked for in the table on the following page. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

MRP: Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

CPV: Current Plant Value of Class 2 Real Property is the hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

ACE: Acquisition Cost of Equipment is the total acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

L. Maintenance, Repair, & Equipment Expenditure Data (cont.)

UIC 67399

FACILITIES MAINTENANCE

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	8.323	239.8	$70M
FY1986	10.311	265.7	$79M
FY1987	8.79	262.5	$92M
FY1988	11.533	314.7	$99M
FY1989	15.25	368.2	$110M
FY1990	21.457	402.9	$100M
FY1991	15.403	413.5	$97M
FY1992	10.801	442.1	$92M
FY1993	13.703	477.9	$87M
FY1994	14.824	479.4	$90M
FY1995	13.461	486.9	$92M
FY1996	14.683	487.9	$95M
FY1997	14.381	492.7	$98M

Family Housing

UIC 67399

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	NA	58.4	
FY1986	NA	59.9	
FY1987	NA	60.4	
FY1988	NA	63.7	
FY1989	2.995	97.8	
FY1990	3.055	108.7	
FY1991	5.004	110.5	
FY1992	2.903	112.4	
FY1993	2.181	116.8	
FY1994	3.169	116.8	
FY1995	2.466	116.8	
FY1996	2.586	116.8	
FY1997	2.586	116.8	

M. Base Infrastructure and Investment

1. List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 to 1994.** Indicate if the capital improvement is a result of BRAC realignments or closures.

Project	Description	Fund Year	Value
N-630	CAMP WILSON EXCHANGE	88	735,666
N-824	RECREATION PAVILLION	88	90,067
P-459	MULTI-PURPOSE RANGE COMPLEX	88	2,348,516
P-537	POTABLE WATER SOURCE DEVELOPMENT	88	756,188
N-822	AUTO HOBBY SHOP	88	1,256,011
P-293	BEQ	88	10,071,300
N-623	BRANCH EXHANGE AND AMUSEMENT CENTER	88	1,131,013
P-424	COMMUNICATIONS AND ELECTRONICS MAINTENANCE AND STORAGE	88	5,754,678
TP-814R	ALTERATIONS TO BLDG 1848	88	138,000
P-468	REMOTE ENGAGEMENT TARGET SYSTEM	88	734,000
TP-614M TP-709M TP-816R	REPAIRS TO SEWAGE TREATMENT PLANT AND UPGRADE HEADWORKS	88	1,201,786
TP-919R	FORKLIFT RECHARGE STATIONS	88	145,490
TP-803M	CONVERT ELECTRICAL SYSTEM TO 12.4KV, PHASE I	89	825,169
N-001	ENLISTED CLUB, EXERCISE SUPPORT BASE	89	469,685
P-263	DEL VALLE ROAD IMPROVEMENTS	89	3,389,000
P-053	SMALL ARMS RANGE IMPROVEMENTS	89	1,642,093
TP-905M	CONVERT ELECTRICAL SYSTEM TO 12.4KV, PHASE II	89	1,327,086
N-703	OCOTILLO EXCHANGE	89	333,200
TP-008M	REPAIR EFFLUENT DISCHARGE SYSTEM	89	660,357

TP-003M	CONVERT ELECTRICAL SYSTEM TO 12.4KV, PHASE III	90	928,064
TP-806M TP-820M TP-821M	CONSTRUCT CHLORINATION FACILITIES	90	478,000
TP-918M	REPAIRS TO SERVICE STATIONS	90	772,000
TP-031R TP-032M	CONSTRUCT OIL-WATER SEPARATOR AND RETROFIT VEHICLE WASH STATIONS	90	942,000
TP-024M	REPAIR WELL WATER COLLECTION LINES	91	1,018,167
TP-010M	SEISMIC AND GENERAL REPAIRS TO DINING HALL BLDG 1630	91	2,516,555
P-286	CHILD CARE CENTER	91	1,832,049
P-447	POTABLE WATER RESERVOIR	91	2,812,947
P-470	TACTICAL WASHRACK	92	1,215,242
TP-210M	TRANSFER ELECTRICAL SYSTEM TO 12.4KV, PHASE IV	93	1,138,000
TP-311M	TRANSFER ELECTRICAL SYSTEM TO 12.4KV, PHASE V	93	259,000
TP-434M TP-214R	REPAIR/CONSTRUCT CULVERTS AND DRAINAGE DITCHES	93	1,513,744
TP-209M	SEISMIC AND GENERAL REPAIRS TO BASE THEATER	94	1,675,000
P-494	ARMORY	94	1,712,000
P-455	NON-POTABLE WATER SYSTEM IMPROVEMENTS	94	2,177,000
P-480	FIRE FIGHTER TRAINING FACILITY	94	650,000
P-505	ADDITION TO BLDG 1848, AIR SCHOOL	94	600,000
P-506	ANTI-ARMOR TRACKING AND LIVE FIRE RANGE	94	4,270,488
N-302	RECREATION COMPLEX	94	1,400,000

2. List the project number, description, funding year, and value of the **non-BRAC related**

capital improvements planned for years 1995 through 1997.

Project	Description	Fund Year	Value
P-507	MULTI-PURPOSE MACHINE GUN RANGE	95	2,730,000
P-508	INFANTRY SQUAD BATTLE COURSE	96	1,100,000
TP-9611M	HIGH TEMPERATURE HOT WATER SYSTEM IMPROVEMENTS	96	1,500,000
P-241	MAINTENANCE/INVENTORY CONTROL, 1ST TANKS	97	4,860,000

3. List the project number, description, funding year, and value of the **BRAC related capital improvements planned** for 1995 through 1999. There are no BRAC related projects planned.

Location

1. Complete the following tables to show geographic area for male and female **recruits** attending each training center. Use the Navy Recruiting Area's for USN and the Marine Recruiting District's for USMC for the geographic areas. Responses should include numbers from training centers closed in previous BRAC's.

N/A

a. Incoming male recruits

Geographic Area	Number of Incoming Male Recruits		
	FY1992	FY1993	FY1994

a. Incoming female recruits

Geographic Area	Number of Incoming Female Recruits		
	FY1992	FY1993	FY1994

2. Complete the following table to show the geographic destination of **Recruits** to either their Ultimate Duty Station (Fleet Unit/Shore Activity) or follow-on training.

N/A

Geographic Area	Destination of Outgoing Students by Number					
	Ultimate Duty Station			Follow-on Training		
	FY1992	FY1993	FY1994	FY1992	FY1993	FY1994
SoCal/SW						
No California						
PacificNW						
Hawaii						
GulfCst/FL						
FLA/GA						
SoCarolina						
NoCar/Virginia						
Northeast						
GrtLks/Tenn						
OUTUS(-HI)						
Other CONUS						
TOTALS						

Legend:

Southern California/SW:	San Diego, Pendleton, Twentynine Palms, Long Beach, Yuma
Northern California:	San Francisco area
Pacific Northwest:	Washington State
Hawaii:	HI
GulfCoast/Florida:	TX, LA, MS., AL, FLA (Panhandle), Key West
Florida/Georgia:	Jacksonville, Cecil Field, Mayport, Kings Bay
South Carolina:	Charleston, Beaufort, Parris Island
North Carolina/ Virginia:	Lejeune, Norfolk, National Capital Region
Northeast:	New England States, Pennsylvania, New York
Great Lakes/Tennessee:	NTC Great Lakes, Memphis, Millington
OUTUS:	Outside Continental US
Other CONUS:	CONUS locations not specifically listed

R

3. Complete the following table to show the active duty customer base for **each** formal school/educational institution/CAX.

Educational Institution/Formal School/CAX: Sergeants Course/ Marksmanship Training/CAX/MCCES.

a. Outgoing students return to their parent organizations/home stations.

Geographic Area	Number of Incoming Students[1]		Destination of Outgoing Students[2]			
			Fleet Units/Shore Activity		Follow on Training	
	FY1993	FY1994	FY1993	FY1994	FY1993	FY1994
SoCalif/SW	CAX 14,000 MTU 12,310 Sgts Crs 218 MCCES[3] 2,543	CAX 14,000 MTU 12,000 Sgts Crs 800 MCCES[4] 2,649				
NoCalifornia						
PacificNW						
Hawaii						
GulfCst/FL						
FLA/GA						
SoCarolina	1,000	1,000				
NoCar/Virginia	CAX 13,000 MCCES 2,543	CAX 13,000 MCCES 2,649				
Northeast						
GrtLks/TENN						
OutCONUS						
Other CONUS						
Totals	45,614	46,098				

* See footnotes on following page.

[1] Sergeants Course Students come from Southern California/the Southwest and from independent duty stations(Inspector-Instructor Staffs, Recruiting Stations west of the Mississippi River). Student geographical information are estimates at precise data were not available.

[2] Destination of Outgoing Students is in response to orders assigned by higher headquarters. These assignments could be to virtually any Marine Corps unit, including reserve forces, and the data distribution is not tracked at MCCES.

[3] Marines coming to MCCES for initial skills training represent approximately 95% of the total, as reflected by these numbers. The distribution is estimated to be 50/50 between the two MCTs (California/North Carolina). Remaining input is in response to orders assigned by higher headquarters and the data distribution is not tracked at MCCES, and could be virtually any Marine Corps unit, including reserve forces.

[4] Marines coming to MCCES for initial skills training represent approximately 82% of the total, as reflected by these numbers. The number utilized are data from the TIP for FY94 previously submitted in conjunction with data call 22. The distribution is estimated to be 50/50 between the two MCTs (California/North Carolina). Remaining input is in response to orders assigned by higher headquarters and the data distribution is not tracked at MCCES, and could be virtually any Marine Corps unit, including the reserve forces.

3. Complete the following table to show the active duty customer base for **each** formal school/educational institution/CAX.

Educational Institution/Formal School/CAX: Sergeants Course/ Marksmanship Training/CAX

Outgoing students return to their parent organizations/ home stations.

Geographic Area	Number of Incoming Students		Destination of Outgoing Students			
			Fleet Units/Shore Activity		Follow on Training	
	FY1993	FY1994	FY1993	FY1994	FY1993	FY1994
SoCalif/SW	CAX 14,000 MTU 12,310 Sgts Crs 315	CAX 14,000 MTU 12,000 Sgts Crs 800*				
NoCalifornia						
PacificNW						
Hawaii						
GulfCst/FL						
FLA/GA						
SoCarolina	1,000	1,000				
NoCar/Virginia	CAX 13,000	CAX 13,000				
Northeast						
GrtLks/TENN						
OutCONUS						
Other CONUS						
Totals	40,625	40,800				

*Sergeants Course Students come from Southern California/the Southwest and from independent duty stations (Inspector-Instructor Staffs, Recruiting Stations west of the Mississippi River).

4. For training which has direct student input from fleet units or provides graduates to serve in fleet units (or both) provide the following information.

Type of Training	% Incoming Students < 50 miles from Trng Facility	% Graduates with Permanent Duty Station < 50 miles from Trng Facility	% Students whose Total Training Pipeline is < 20 weeks	% Graduates with follow-on trng < 50 miles from Training Facility
CAX	15%	15%	100%	0%
Sergeants Course	30%	30%	100%	0%
Marksmanship Training	80%	80%	100%	0%
MCCES	< 1% (est.)[5]	< 1% (est.)[6]	78%	0%[7]

[5] No other military training facilities are located within 50 miles. Only a very small percentage of students currently stationed, or repositioned (at MCAGCC) to attend skill progression training would be included in this group.

[6] No other military facilities are located within 50 miles. Only those few personnel receiving orders to be retained in MCCES, or to other units aboard MCAGCC would be included in this group.

[7] No other military training facilities are located within 50 miles.

5. Is your installation located within 50 miles of an operational base? If yes, list the operational bases in your area.

No.

6. Is your installation located within 50 miles of a major educational institution?

No. Several Community Colleges and College Extension Schools are located within 50 miles or aboard base.

7. Does your location facilitate sea/shore rotation of instructors? (i.e., do instructors have the opportunity for multiple tours within 50 miles of your geographic location?)

No.

8. Does the location of the installation permit any specialized training with other operational units (e.g. Battle Groups or Joint forces)? If so, provide details.

Numerous operational units come here to train. However, due to the remote and isolated location of MCAGCC they are not geographically close and coming to MCAGCC to train. Qualifies as deployed time.

4. For training which has direct student input from fleet units or provides graduates to serve in fleet units (or both) provide the following information.

Type of Training	% Incoming Students < 50 miles from Trng Facility	% Graduates with Permanent Duty Station < 50 miles from Trng Facility	% Students whose Total Training Pipeline is < 20 weeks	% Graduates with follow-on trng < 50 miles from Training Facility
CAX	15%	15%	100%	0%
Sergeants Course	30%	30%	100%	0%
Marksman-ship Training	80%	80%	100%	0%

5. Is your installation located within 50 miles of an operational base? If yes, list the operational bases in your area.

No.

6. Is your installation located within 50 miles of a major educational institution?

No. Several Community Colleges and College Extension Schools are located within 50 miles or aboard base.

7. Does your location facilitate sea/shore rotation of instructors? (i.e., do instructors have the opportunity for multiple tours within 50 miles of your geographic location?)

No.

8. Does the location of the installation permit any specialized training with other operational units (e.g. Battle Groups or Joint forces)? If so, provide details.

Numerous operational units come here to train. However, due to the remote and isolated location of MCAGCC they are not geographically close and coming to MCAGCC to train. Qualifies as deployed time.

9. What civilian owned facilities located in the vicinity **currently** support your mission?

Facility Name	Training Use	Distance
None		

10. What civilian owned facilities located in the vicinity **could** support your mission?

Facility Name	Potential Training Use	Distance
None		

11. List the advantages and disadvantages of your location for each type of training being conducted at your installation.

Advantages:

1. Units deploying to MCAGCC to train can arrive aboard base, at the Expeditionary Airfield, in large transport aircraft (C-141 and KC-130).

2. MCAGCC is located within 210 driving miles of 6 major Marine Corps Bases and 3 Army or Air Force Bases. By tactical/military air transport/support flights this distance is significantly reduced. Air strikes in support of CAXs can come from U.S. Navy carriers or other air stations in this region.

3. The remote and isolated location enables MCAGCC to exercise complete control of the R-2501 airspace over the base with little interference from the FAA below 26,000 ft.

Disadvantages:

1. Individuals arriving at MCAGCC to train have a great distance to travel from commercial airports and ground transportation is frequently not readily available. Local rental car companies are small and distant (greater than 25 miles from base).

2. Railway that supports MCAGCC is located at Barstow, CA, Necessitating inter-modal (truck) transportation from Barstow to MCAGCC, a distance of 70 miles.

Features and Capabilities

A. Weather

1. List training events by Course Identifier that can be impacted by weather. Indicate how many training hours were cancelled or rescheduled due to inclement weather.

Course Identifier	Hours Canx/ Resched Due to Weather	
	FY1992	FY1993
Sergeants Course	0	0
Rifle Qualification	2 days	3 days
Pistol Qualification	2 days	2 days
ASCEX 1, 2	8 hours	3 hours

2. How many training days was the training center/school closed due to inclement weather?

Fiscal Year	Training Days Lost
1992	5
1993	5.3

3. Do the normal weather conditions at the most frequently used training areas pose a recurring problem for scheduling training? If so, list the alternate training areas and the CIN/CAX they support.

No. Non-Applicable.

B. Encroachment

1. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned mission?

Current estimates of population growth and development are not anticipated to pose problems for MCAGCC's mission. Land use in the vicinity of MCAGCC consists primarily of open space and low-density residential development. The Air Installations Compatible Use Zones (AICUZ) program maintains public safety and minimizes off-base noise derived from aircraft operations from the MCAGCC Expeditionary Airfield (EAF). The San Bernardino County General Plan identifies two major constraints to future development in the MCAGCC area: limited water supplies and limited accessibility. Ground water tables are dropping throughout the Morongo Basin, and the area is only accessible by two state highways and no railroads.

2. Provide a copy of the current and proposed land development plans for the area surrounding the installation (i.e., the local government's comprehensive land-use plan).

Maps provided separately with Data CAll.

C. Unique Features

1. Does the geographic location and the associated natural features of this installation contribute to the quality of training or detract from the quality of training at the installation? Explain.

Geographic location and associated natural features of MCAGCC contribute to the high quality of training provided across all courses of instruction.

Vast and challenging terrain (932 square miles of highly eroded steeply sloping mountains to gently sloping to flat valleys) provides commanders a unique capability of practicing desert warfare with live fire and maneuver employing combined arms to neutralize the enemy force from individual training to joint operations.

Sergeants course is able to complete all training to include live fire of the MK 19 and M2 .50 caliber locally and with ease. All other USMC Sergeants Courses either can't fire these weapons or have to travel to other installations in order to do so.

The austerity and climatological challenges of the environment in the high desert provides an environmental challenge that few training areas in the nation can provide. Recognizing that vital national interests also reside in desert terrain, the value of such a training environment becomes increasingly significant.

The length and width of the mobility corridors afforded by the natural geographic configuration of MCAGCC provides unit commanders a unique opportunity to exercise speed and shock at speed that

require rapid observation/assessment, orientation, decision, and action (OODA Loop).

Micro-terrain allows for the introduction of infiltration forces (infantry) to best exercise the infantry mission in desert maneuver warfare.

With only 4 inches of annual precipitation, the clear, sunny days that characterize the high desert greatly facilitate marksmanship and live fire training by providing an extremely low number of non-firing days due to weather (high winds are major cause of 4 to 5 days lost on the small arms ranges annually.)

2. What other factors beyond your control have affected training over the past five years? Describe the resulting impact.

Other than the weather, the unique features of MCAGCC have made this the place of choice for major national/international training and equipment test/evaluation for the USMC and other services. As a result, the CAX has been at times, affected by the need to accommodate such training events as pre-Sarejevo training for the Canadian Armor Brigade, MCCDC tests on anti-mechanized weapons systems (and the accompanying VIP demonstrations), etc. These events compete with other training and have resulted in degradation of the CAX mission by taking priority. Ironically, the very nature of these training priorities further establish the uniqueness and necessity of this training base and an increase in personnel and assets would relieve the conflict.

A lack of training dollars at the national level has adversely impacted the scope of training especially for East Coast FMF units. Both equipment and POL are effected by the funding limitations. Many of the advantages mentioned above are negated if the POL and equipment maintenance costs preclude exploitation of distances, speed, and firepower capabilities that this area provides.

During Desert Shield/Desert Storm, before the Sergeants Course was formalized, two classes had to be cancelled due to lack of students and instructors who were at that time FAP'd to the School.

3. Identify any unique (one of a kind) features (function, equipment, ranges, etc.) possessed by this training installation that have not been previously mentioned. Please list each feature separately and provide a narrative explanation of the importance of the unique feature.

There are few places where the military can exercise the full array of organic infantry weapons including planning, integration, control and fire power where the result is an evaluated "hit on target."

The opportunity to emplace multiple obstacle belts provides the most severe environment for testing and evaluating engineer methods and equipment in deliberate (as opposed to in-stride), multiple lane breaching of a complex barrier. This live fire opportunity was integrated into the Southwest Asia training package (SWA-G) to bring both unit and individual replacements up to standards prior to introduction into country.

Unique to MCAGCC is the emphasis on live-fire employment of combined arms in support of maneuver

units. We know of no other training in which all elements of combat are integrated in actual live fire training.

Close proximity to Bureau of Land Management (BLM) land at Big Bear facilitates mountain warfare and cold weather training for desert stationed units.

Due to the fact that the CAXs take place at MCAGCC gives Sergeants School a lot of latitude in training. Sergeants Course can use AAVs, tanks, or helicopters of the CAX to transport students. This gives the student (future leaders) a better idea of what the USMC is all about and its capabilities.

E. Ability for Expansion

1. Does the operational infrastructure (e.g., classrooms, administrative facilities, fuel and munitions storage, warehouse space, hangar space) provide capabilities for future expansion or change in mission? If yes, explain why. No, additional construction is required for future expansion.

2. What is the availability of off-station acreage for possible future installation development? Approximately 80 acres are available which are currently under Bureau of Land Managment.

3. Provide the following information for installation infrastructure related facilities and functions. If these or other base infrastructure attributes may be a determining factor for base loading and expansion, provide additional comments and capacity measures as appropriate.

Type of Facility or Capability	On Base Capacity	Off Base Long Term Contract	Normal Steady State Load	Peak Demand
Electricity (KWH)	48 MVA			16.57 MVA
Water (GPD)	14,256,000			6,744,000
Sewage (GPD)	6,900,000			2,470,000
Natural Gas (CFH)	0			201,341
Short Term Parking	805567 SY			
Long Term Parking	16,662 SY			

D. Quality of Life

1. Military Housing

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes (no)

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	65	65	N/A	N/A
Officer	3	120	120	N/A	N/A
Officer	1 or 2	40	40	N/A	N/A
Enlisted	4+	219	219	N/A	N/A
Enlisted	3	815	815	N/A	N/A
Enlisted	1 or 2	1152	1152	N/A	N/A
Mobile Homes	N/A	N/A	N/A	N/A	N/A
Mobile Home lots		75	75		

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

-Facility type/code:
-What makes it inadequate?
-What use is being made of the facility?
-What is the cost to upgrade the facility to substandard?
-What other use could be made of the facility and at what cost?
-Current improvement plans and programmed funding:
-Has this facility condition resulted in C3 or C4 designation on your BASEREP?

(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	0	0
	3	0	0
	4+	0	0
O-4/5	1	N/A	N/A
	2	0	0
	3	0	0
	4+	11	1 YR
O-1/2/3/CWO	1	N/A	N/A
	2	17	60 DAYS
	3	12	OVER 1 YR
	4+	2	OVER 1 YR
E7-E9	1	N/A	N/A
	2	10	30 DAYS
	3	33	OVER 1 YR
	4+	9	OVER 1 YR
E1-E6	1	N/A	N/A
	2	265	6-8 MO
	3	6	30 DAYS
	4+	10	6-8 MO

[1]As of 31 March 1994.

(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

	Top Five Factors Driving the Demand for Base Housing
1	Cheaper; better quality homes for the amount of BAQ & VHA fortified.
2	No payment for utilities.
3	Perceived increase of security aboardthe installation.
4	Closer to work; less commute, less expense
5	Closer to installation facilities, i.e. Hospital, PX, Commisary

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)? 100%

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	99.26%
Substandard	N/A
Inadequate	N/A

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason? NO

(b) BEQ: (SNCO'S)

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	95% BONAFIDE
Substandard	0
Inadequate	92% GEOGRAPHIC

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Adequate quarters are for bonafide bachelors who forfeit the bachelor (BAQ Own Right) portion of their basic allowance for quarters when occupying government quarters.

Inadequate quarters are low rise room configured buildings with a common bathroom used by all occupants. These quarters are managed by the nonappropriated Billeting Fund for services provided. Personnel that reside in these inadequate transient quarters do so on a volunteer basis and continue to receive a basic allowance for quarters at the with dependent rate. They do not currently pay a rental rate to the government for the use of government quarters.

This command has experienced no change in the demand or use of bonafide bachelor adequate quarters.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{\text{(\# Geographic Bachelors x average number of days in barracks)}}{365} = \frac{85 \times 336}{365} = \frac{28{,}560}{365} = 78$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	41	53%	PERSONNEL HAVE PURCHASED RETIR-EMENT HOMES AND CHILDREN ESTABL-ISHED IN SCHOOL/COLLEGE.
Spouse Employment (non-military)	21	26%	LOW PAYING EMPLO-YMENT IN THE 29 PALMS AREA.
Other	16	21%	FAMILY ILLNESS, LACK OF MEDICAL FACILITIES, DIVORCING
TOTAL	78	100	

(5) How many geographic bachelors do not live on base? SNCO's an estimated 15 SNCO's geographics reside in the civilian community.

(c) BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	95% (BONAFIDES)
Substandard	0
Inadequate	93% (GEOGRAPHICS)

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Adequate quarters are for bonafide bachelors who forfeit the bachelor (BAQ Own Right) portion of their basic allowance for quarters when occupying government quarters.

Inadequate quarters are low rise room configured buildings with a common bathroom used by all occupants. These quarters are managed by the nonappropriated Billeting Fund for services provided. Personnel that reside in these inadequate transient quarters do so on a volunteer basis and continue to receive a basic allowance for quarters at the with dependent rate. They do not currently pay a rental rate to the government for the use of government quarters.

This command has experienced no change in the demand or use of bonafide bachelor adequate quarters.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{\text{(\# Geographic Bachelors x average number of days in barracks)}}{365} = \frac{30 \times 339}{365} = \frac{10{,}170}{365} = 28$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	14	50%	PERSONNEL HAVE PURCHASED RETIREMENT AND CHILDREN ESTABLISHED IN SCHOOL/COLLEGE
Spouse Employment (non-military)	14	50%	LOW PAYING EMPLOYMENT IN THE 29 PALMS AREA.
Other			
TOTAL	28	100	

(5) How many geographic bachelors do not live on base? (OFFICERS) Unknown
The command has billited all geographics that desire quarters.

Features and Capabilities

D. Quality of Life (cont.)

2. For on-base MWR facilities[2] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION MCAGCC, TWENTYNINE PALMS DISTANCE_____

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	10	N/A
	Outdoor Bays	20	N/A
Arts/Crafts	SF	NONE	
Wood Hobby	SF	4,000	N/A
Bowling	Lanes	20	Y
Enlisted Club	SF	20,794	Y
Officer's Club	SF	17,136	N
Library	SF	6,630	N/A
Library	Books	28,048	N/A
Theater	Seats	1,160	Y
ITT	SF	20	N/A
Museum/Memorial	SF	NONE	
Pool (indoor)	Lanes	NONE	
Pool (outdoor)(3)	Lanes	13	N/A
Beach	LF	NONE	
Swimming Ponds	Each	NONE	
Tennis CT	Each	6	N/A

[2]Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	4	N/A
Basketball CT (outdoor)	Each	1	N/A
Racquetball CT	Each	9	N/A
Golf Course	Holes	9	N
Driving Range	Tee Boxes	15	N
Gymnasiums (2)	SF	43,470	N/A
Fitness Center	SF	6,116	N/A
Marina	Berths	NONE	
Stables	Stalls	35	N
Softball Fld	Each	5	N/A
Football Fld	Each	2	N/A
Soccer Fld	Each	1	N/A
Youth Center	SF	6,851	N/A
Recreation Issue	SF	4,040	N/A

3. Is your library part of a regional interlibrary loan program?

No

4. Base Family Support Facilities and Programs

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	20	x			1	
6-12 Mos	23	x			0	
12-24 Mos	16	x			3	
24-36 Mos	31	x			1	
3-5 Yrs	62	x			0	

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code: N/A
What makes it inadequate? N/A
What use is being made of the facility? N/A
What is the cost to upgrade the facility to substandard? N/A
What other use could be made of the facility and at what cost? N/A
Current improvement plans and programmed funding: N/A
Has this facility condition resulted in C3 or C4 designation on your BASEREP? N/A**

This is a new facility that opened in Nov 93

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

The waiting list is for people looking for care in the future...no requirements at this time

d. How many "certified home care providers" are registered at your base? 49

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs). NO

f. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	42,160
Gas Station	SF	9,645
Auto Repair	SF	incl above
Auto Parts Store	SF	incl above
Commissary	SF	42,115
Mini-Mart (7-Day Store)	SF	7,343
Package Store	SF	3,570
Fast Food Restaurants	Each	2
Bank/Credit Union	Each	1/1
Family Service Center	SF	16,725
Laundromat	SF	3,000
Dry Cleaners	Each	1
ARC	PN	N/A
Chapel	PN	800
FSC Classrm/Auditorium	PN	*
Barber Shops	Each	4
Marine Palms Branch MCX	SF	3,000
Ocotillo Branch MCX	SF	3,174
Camp Wilson Branch MCX	SF	5,000
MCCES Branch MCX	SF	2,871
Hospital Branch MCX	SF	500
Military Clothing Store	SF	6,630
Tailor Shop	SF	800

Beauty Shop	SF	400
Car Wash	SF	2,324

* Included in FSC

5. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Palm Springs	64
San Bernardino	93
Los Angeles	143

6. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	0	0
E2	0	0
E3	0	0
E4	0	0
E5	0	0
E6	$ 29.00	$ 20.00
E7	$ 39.00	$ 27.00
E8	$ 53.00	$ 40.00
E9	$ 140.00	$ 106.00
W1	$ 62.00	$ 47.00
W2	$ 45.00	$ 36.00
W3	$ 69.00	$ 56.00
W4	$ 54.00	$ 48.00
O1E	$ 17.00	$ 12.00
O2E	$ 5.00	$ 4.00
O3E	$ 49.00	$ 42.00
O1	0	0
O2	0	0
O3	0	0
O4	$ 37.00	$ 32.00
O5	$ 66.00	$ 35.00
O6	$ 37.00	$ 30.00
O7	$ 45.00	$ 39.00

(a) Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	$ 300.00	$ 250.00	$ 40.00
Apartment (1-2 Bedroom)	425	345	$ 90.00
Apartment (3+ Bedroom)	N/A	N/A	N/A
Single Family Home (3 Bedroom)	$ 600.00	$ 500.00	$ 147.00
Single Family Home (4+ Bedroom)	$ 650.00	$ 550.00	$ 163.00
Town House (2 Bedroom)	N/A	N/A	N/A
Town House (3+ Bedroom)	N/A	N/A	N/A
Condominium (2 Bedroom)	N/A	N/A	N/A
Condominium (3+ Bedroom)			

* INFORMATION OBTAINED FROM FAMILY HOUSING MARKET ANALYSIS OF MARCH 1994.

(b) What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	58.3 % *
Apartment (1-2 Bedroom)	89.4 % *
Apartment (3+ Bedroom)	N/A
Single Family Home (3 Bedroom)	96.7 % *
Single Family Home (4+ Bedroom)	97.8 % *
Town House (2 Bedroom)	N/A
Town House (3+ Bedroom)	N/A
Condominium (2 Bedroom)	N/A
Condominium (3+ Bedroom)	N/A

(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	65,000
Single Family Home (4+ Bedroom)	82,000
Town House (2 Bedroom)	N/A
Town House (3+ Bedroom)	N/A
Condominium (2 Bedroom)	N/A
Condominium (3+ Bedroom)	N/A

* Information obtained from Family Housing Market Analysis of March 1994.

(d) From the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January			
February			
March			
April	42	15	2
May			
June			
July			
August			
September			
October			
November			
December			

* The only information available from the MLS was for the month of April 1994, due to the fact that the boards of realtors have begun procuring data recording services from a different multiple listing vendor.

(e) Describe the principle housing cost drivers in your local area.
Over all high cost of living in California.

Purchasing power of retirees who sell a home in higher cost areas and purchase one for cash in the local community.

8. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following: N/A

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
CAX personnel do extensive field duty*		

*T/O for TEECG is 13 officers/40 enlisted with an authorized overstaff to support ECAX. During CAX work-up 45 will be constantly in the field with 8 in garrison, during CAX FINEX 50 will be constantly in the field with 3 in garrison. The average TEECG member spends 330+ days in the field for which accumulated deployed time is not authorized.

9. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
TWENTYNINE PALMS	73	5	15
YUCCA VALLEY	13	23	35
JOSHUA TREE	7	15	25
LANDERS	.8	35	45
MORONGO VALLEY	.4	35	45

10. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation and their dependents:

(a) List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info
29 PALMS H.S.	PUB	9-12	YES	UNAVAIL	875\ 22.5	65	PAT BURN
29 PALMS H.S.	PUB	7-8	YES	UNAVAIL	N/A	N/A	PAT BURN
GRACE CHRISTIAN	PVT	K-12	YES	$15-180 month	UNK NOW N		
BLESSED SACRAMENT	PVT	K-8	NO	150	N/A	N/A	MS. ELLIO T

(b) List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
NATIONAL UNIVERSITY	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	NO
COPPER MOUNTAIN	Day	YES	YES	YES	NO	NO
	Night	YES	YES	YES	YES	NO
CHAPMAN UNIVERSITY	NO	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	NO
	Day					
	Night					

(c) List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
NATIONAL UNIVERSITY	Day	NO	NO	NO	NO	NO
	Night	NO	NO	YES	YES	YES
	Corres-pondence	NO	NO	YES	YES	YES
COPPER MOUNTAIN COLLEGE	Day	NO	NO	YES	YES	NO
	Night	YES	YES	YES	YES	NO
	Corres-pondence	NO	NO	NO	NO	NO
CHAPMAN UNIVERSITY	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
	Corres-pondence	NO	NO	YES	YES	YES
	Day					
	Night					
	Corres-pondence					

11. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional				
Manufacturing				
Clerical				
Service				
Other	428	370	330	12.5 *

* Local community unemployment rate\29 Palms CA: 1991 12%, 1992 14.9%, 1993 13%.
The FSC does not have a reporting mechanism to categorize clients according to skill level.
The job market remains highly competitive with a large pool of qualified applicants for a restrictive\limited job market. Most non governmental employment in the area is entry level. Professional and skilled technicians continue to experience difficulties finding meaningful employment at acceptable wages within a reasonable amount of time.

12. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

DENTAL - Active duty military personnel aboard the Combat Center meet the 80% dental readiness standard. However, The ratio of general dentists assigned to the dental clinic is too low for the number of patients in need of dental restorations. At any one time there are 1300 Class III patients needing restorations and an insufficient number of appointments available to complete their care. Additionally, since the clinic has only one registered dental hygienist, the access to preventive care (cleanings) is severely restricted. Currently, the 23rd Dental Company relies on volunteer temporary auxiliary support to release dental technicians from administrative duties so that they may be placed in direct clinical care positions.

HOSPITAL - Yes. Active Duty staff members have difficulty with access to dental care. This is primarily due to staffing shortages at 23rd Dental Company. Non-emergency dental care, particularly teeth cleaning, is difficult to obtain due to technician shortages at 23rd Dental Company. We also experience difficulty obtaining care in certain areas that have to be referred to other medical treatment facilities. Services such as podiatry have to be referred to Camp Pendleton or San Diego and it can often take from 4 to 8 weeks to get an appointment scheduled. This again is due to staffing shortages and a large patient backlog at

these facilities.

13. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

DENTAL - There is no space available dental care for family members or retirees. Bona fide emergency care is provided, but follow-up/definitive therapy is not available. Based on patient interviews there is a greater than two week waiting period minimum for civilian care in the local community.

HOSPITAL - No. In general, our military dependents have minimal access to care problems. Dependents are not always able to receive their care at a military treatment facility but in almost all of these cases the patient can be referred out into the civilian health care system. Civilian referrals can cause logistics problems on occasion since much of the available CHAMPUS care is located in Palm Springs, CA which is 60 miles from the Marine Corps Air Ground Combat Center.

14. Complete the table below to indicate the crime rate for your installation for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

NOTE:

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	0	2	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)	0	2	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)	0	12	3
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime definition categories 1, 3, 4, 7, 8, 9, 10, 11, 12, and 21 totals do not reflect the sub-

category data in the charts. The totals reflect that a crime of that particular definition was committed, however in all cases a suspect and or victim was not specifically identified. In all other instances the catergories are with the known number of military or civilian personnel involved.

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	1	0	0
Base Personnel - military	1		
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)	50	64	35
Base Personnel - military	40	59	34
Base Personnel - civilian	8	3	1
Off Base Personnel - military	1		
Off Base Personnel - civilian	1	2	
7. Larceny - Ordnance (6R)	8	6	3
Base Personnel - military	7	2	
Base Personnel - civilian	1		
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)	66	74	133
Base Personnel - military	8	73	15
Base Personnel - civilian	1	21	2
Off Base Personnel - military	3	1	2
Off Base Personnel - civilian	2	0	1

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	260	328	335
Base Personnel - military	28	195	27
Base Personnel - civilian	3	48	21
Off Base Personnel - military	1	4	3
Off Base Personnel - civilian	1	1	1
10. Wrongful Destruction (6U)	246	162	65
Base Personnel - military	29	111	5
Base Personnel - civilian	9	26	4
Off Base Personnel - military	0	0	7
Off Base Personnel - civilian	12	19	7
11. Larceny - Vehicle (6V)	10		
Base Personnel - military	2		
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian		1	
12. Bomb Threat (7B)	7	5	3
Base Personnel - military			
Base Personnel - civilian	2		
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	1	1
Base Personnel - military		1	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)	170	148	143
Base Personnel - military	80	65	70
Base Personnel - civilian	20	83	31
Off Base Personnel - military	52		
Off Base Personnel - civilian	13		
15. Death (7H)	6	4	5
Base Personnel - military	4	3	5
Base Personnel - civilian	2	1	
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)	1	2	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	43	56	33
Base Personnel - military	39	50	32
Base Personnel - civilian	1	2	
Off Base Personnel - military			
Off Base Personnel - civilian	3	4	1
19. Perjury (7P)	0	1	2
Base Personnel - military			1
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	6	5	2
Base Personnel - military	6	5	2
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)	129	238	175
Base Personnel - military	35	155	130
Base Personnel - civilian	2	73	78
Off Base Personnel - military	2	48	39
Off Base Personnel - civilian	4	68	52

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	6	10	8
Base Personnel - military	4	5	
Base Personnel - civilian	2	2	
Off Base Personnel - military			
Off Base Personnel - civilian		2	
23. Indecent Assault (8D)	6	8	8
Base Personnel - military	5	6	7
Base Personnel - civilian	1		
Off Base Personnel - military			
Off Base Personnel - civilian		2	1
24. Rape (8F)	6	14	8
Base Personnel - military	3	10	8
Base Personnel - civilian	2	4	
Off Base Personnel - military			
Off Base Personnel - civilian	1		
25. Sodomy (8G)	2	4	1
Base Personnel - military	2	4	1
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

4. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonable expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, off base housing, etc. Unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities that prevent it from being further developed without demolition of existing infrastructure. Include in"Restricted" areas that are restricted for future development due to environmental constraints (e.g. wet lands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources. Identify the reason for the restriction when providing the acreage in the table below. Specify any other entry in "Other" (e.g. submerged lands).

Site Location: Mainside

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Training	51.4	51.4	0	0
Maintenance	409.61	172.6	0	237
Research & Development	0	0	0	0
Supply and Storage	628	569	0	59
Admin	55	55	0	0
Housing	852	401.51	0	450.49
Recreational	1,039	153.11	0	886
Navy Forestry Program	0			
Navy Agricultural Outlease Program	0			
Hunting/fishing Programs	0			
TOTAL	3,035.01	1,402.62		1,632.49

Site Location: Training Ranges

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Training	592,640	5,467	9,961.09	583,569.91 See Note
Total	592,640	5,467	9,961.09	0

Note: Although the vast majority of the training ranges are undeveloped, only roughly half could potentially be developed due to the mountainous nature of the land. Of the area that could potentially be developed, however, none is easily developed, nor is there a desire to have it developed since its primary purpose is training. Development of the training ranges for anything other than firing ranges would hamper the training mission of MCAGCC, and would be cost prohibitive due to lack of utilities and the remoteness of some areas. Utilities are only available in the 6 square miles of developed Mainside and not in the remaining 926 square miles of training ranges. Similarly, roads are only present at Mainside. Any development of an outlying area would have to include development of paved roads for access as well.

Restricted areas include:

a. ESQD boundaries 482.83 acres
b. Turtle Nesting Site 6,154.00 acres
c. Petroglyph area 750.00 acres
d. Cultural Resources Site 750.00 acres
e. Deadman Lake 891.00 acres
f. Mesquite Lake 882.26 acres
g. Fault Lines 11.00 acres
h. Mine Shafts 40.00 acres

UIC: 67399

Site Location: Off Base Housing - Vista Del Sol

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Housing	100	100	0	0
Total	100	100	0	0

UIC: 67399

Site Location: Copper Mountain - Antenna and Repeater Site

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Housing	0.26	0.26	0	0
Total	0.26	0.26	0	0

Site Location: Off Base Well Site

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Housing	0.52	0.52	0	0
Total	0.52	0.52	0	0

E. Ability for Expansion (cont.)

5. Identify the features of this installation that make it a strong candidate for supporting other types of training or operational units in the future.

MCAGCC's unique opportunity to conduct live fire and maneuver makes it ideally suited to accommodate more Tactical Air Control Party (TACP) and Close Air Support (CAS) training in the future. Given the Marine Corps role as the lead agency for CAS within DoD, the number of TACP students may will increase over time due to participation by other services. In addition, Navy and Air Force CAS aircraft could have a superb opportunity to conduct live fire CAS training in conjunction with a ground force scheme of maneuver.

Potential for center of excellence for Marine Air Command and Control Systems (MACCS). Currently have resident maintenance and operational instruction on the majority of the actual end items of equipment utilized by the MACCS. Ranges used aboard MAGCC support LFTCPAC for Tactical Air Control Party (TACP) training. The TACP is an extension of the MACCS. Facilities currently exist to facilitate the movement of TACP training from LFTCPAC/LFTCLANT to MCCES

Because of the unique training areas and ranges available at MCAGCC, this installation would be an outstanding candidate to acquire the SNCO Academy from MCAS El Toro, California when El Toro closes due to BRAC.

TAVSC could support and employ a Combat Camera Unit to train in the local area, utilizing existing TV facilities. The TV Center could provide field (remote) coverage to unit commanders located at headquarters or operations centers. Field Still Photography could be employed to assist in S-2/G-2 Sections as a source for both field and aerial photo reconnaissance.

6. For each educational institution, formal school, or CAX, what are the limiting factors in your surge capability? How many students can you surge above your 1993 AOB? Explain

any assumptions on which these limitations are based.

a. MCAGCC

Marksmanship Training-Rifle qualification can expand by 713 students above the FY-93 AOB (Note: MCAGCC on-board strength was 8,900 and FY-93 qualification was 5,587.) FY-95 rifle qualification is capped at 6,300, however all other marksmanship courses can double in size if Marksmanship Training Unit is fully manned and appropriately funded.

The only limiting feature to Sergeants Course capacity at this time is classroom capacity. Present classroom is maximized at 100 students.

For Marine Corps TACP training, the field phase of the LFTCPAC course is currently taught at MCAGCC. In the future, TACP training for the Marine Corps will be consolidated and moved to MCAGCC in total. Increasing the number of TACP students would require an increase in the number of tactical aircraft sorties and ordnance devoted to the course. The required increases would be directly proportional to the increased student load. In addition, more students would require a longer use of the range training area and airspace, potentially putting the TACP course in conflict with other range users.

b. MCES

Billeting spaces for Marines in grades E1 through E5. The range of course length varies from a few weeks to more than a year. During both FY-93 and FY-94 billeting capacity was intermittently exceeded for a period of approximately six months. A recent reallocation of spaces has increased the capacity, but does not completely accommodate the full surge load.

Number of instructors, and number of end items in practical application areas.

Classroom spaces. Some spaces are utilized sixteen hours per day, and during certain surge periods, twenty four hours. Due to the relatively higher percentage of applied instruction using end equipment, the ability to quickly reconfigure classrooms is limited.

Because of the diversity of courses taught within the school, this question does not lend itself to a specific answer. Individual courses may have the ability to accept surge, but that capacity is constrained by the factors listed above. The ability to absorb further surge in the billeting spaces (E1-E5) is dependent upon what point in the year the surge occurrs.

Billeting limitations are based upon recent occurrences. Current over-staffing of T/O 7720 in some specific areas continues. The only facility construction anticipated is an addition to Bldg 1848.

BRAC-95 CERTIFICATION

DATA CALL 23

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R.H. Sutton	R.H Sutton
NAME (Please type or print)	Signature
Commanding General	29 June 94
Title	Date
Marine Corps Air Ground Combat Center	
Activity	

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print) J.A. BRABHAM, LIEUTENANT GENERAL, U.S. MARINE CORPS Signature _____

Title DEPUTY CHIEF OF STAFF FOR INSTALLATIONS AND LOGISTICS Date 7/2/94

Data Call #23
MCAGCC 29 Palms

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

CHANGES TO DATA CALL 23
MCAGCC TWENTYNINE PALMS, CA

K

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print) _____ Signature _____

Title _____ Date 4/3/94

CHANGES TO DATA CALL 23
MCAGCC TWENTYNINE PALMS, CA

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 23

ACTIVITY: MCAGCC TWENTYNINE PALMS

PAGE (S): 91, 91 A, 92, 92 A,

BSWG REVIEW OFFICIAL

G. W. MOORE
NAME (Please type or print)

G W Moore
Signature

MAJOR, LONG RANGE LAND USE PLANNER
Title

1 NOV 94
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

L. FARNEN JR.
NAME (Please type or print)

Signature

HEAD
Title

28 Oct 94
Date

INSTALLATIONS
Division

I&L DIRECTORATE
Department

MCAGCC 29 PALMS, CA
Activity