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**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	Marine Corps Air Ground Combat Center Twentynine Palms, California
UIC:	M67399
Host Activity Name (if response is for a tenant activity):	
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.

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Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Marine Corps Air Ground Combat Center Twentynine Palms, CA		UIC: M67399	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	\$4,646	\$5,327	\$9,973
1b. Minor Construction	255	45	300
1c. Sub-total 1a. and 1b.	\$4,901	\$5,372	\$10,273
2. Other Base Operating Support Costs:			
2a. Utilities	\$5,901	\$974	\$6,875
2b. Transportation	10	0	10
2c. Environmental	2,823	1,167	3,990
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	623	2,083	2,706
2f. Bachelor Quarters	176	83	259
2g. Child Care Centers	709	582	1,291
2h. Family Service Centers	199	87	286
2i. Administration	577	7,163	7,740

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2j. Other (Specify): Base Communications Other Personnel Support Retail Supply Operations Maintenance of Installed Equipment Other Base Services Other Engineering Support Automated Data Processing Audio Visual Physical Security	2,309	28,415	30,724
2k. Sub-total 2a. through 2j:	\$13,327	\$40,554	\$53,881
3. Grand Total (sum of 1c. and 2k.):	\$18,228	\$45,926	\$64,154

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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: N/A

<u>Appropriation</u>	<u>Amount (\$000)</u>
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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 a DBOF overhead "BOS expense" on Table 1B.. N/A

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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)			
1c. 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. Accounting/Finance			
2f. Utilities			
2g. Environmental 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:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

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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: Marine Corps Air Ground Combat Center, Twentynine Palms, California	UIC: M67399
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	317
Material and Supplies (including equipment):	10,763
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	7,148
Total:	18,228

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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:	105
Facilities Support:	114
Mission Support:	177
Procurement:	N/A
Other:*	N/A
Total Workyears:	396

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

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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)):

150 Work Years

2) Estimated number of workyears which would be eliminated:

246 Work Years

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):

None

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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.)
0	No off-base contract years would be eliminated.

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	N/A

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 66

ACTIVITY: MCA&CC TWENTYNINE PALMS

PAGE (S): ALL

BSWG REVIEW OFFICIAL

W. J. WALLENHORST
Name (please type or print)
Fiscal Division
Title


Signature
81 OCT 1994
Date

MCAGOE TWENTY NINE PALMS

DATA CALL 66

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

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

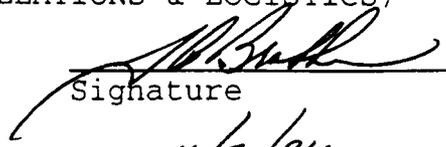
Activity

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
DEPUTY CHIEF OF STAFF FOR

NAME (INSTALLATIONS AND LOGISTICS)



Signature

Title

Date 10/21/94



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D.C. 20380-0001

IN REPLY REFER TO:

11000
LFL/E554
9 SEP 1994

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MEMORANDUM FOR THE CHAIRMAN, BASE STRUCTURE EVALUATION
COMMITTEE (OASN(I&E))

Subj: DATA CALL NUMBER TWENTY-TWO

Ref: (a) VChairman BSEC memo MM-0143-F3 BSAT/MB of 2 May 94

Encl: (1) MCAGCC Twentynine Palms Revised Activity Response

1. The enclosure is provided as an updated response to the referenced request for data.

2. Points of contact for this information are Mr. Rich Anderson or Major G. W. Moore, Headquarters U. S. Marine Corps (LFL-3), commercial (703) 696-0865.

*Complete
Revision*

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

Complete Revision

**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*******

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

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 Capacity Analysis

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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 Realignment 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" (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.

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:

Marine Corps Communications-Electronics School (MCCES)	page <u>8</u>
Sergeants Course (Sgts Crs)	page <u>41</u>
Combined Arms Exercise (CAX) Program	page <u>56</u>

Data File: A:MISSIONA

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

Areas Addressed:

MCCES	page <u>77</u>
Sgts Crs	page <u>80</u>

Data File: A: MISSIONB

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

Areas Addressed:

MCAGCC Installation	page <u>84</u>
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Data File: MISSIONC

D. Academic Research - N/A

Data File: A: MISSION D (No Input) page 157

E. RDT&E Support - N/A

Data File: A: MISSION E (No Input) page 161

- FACILITIES -

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

Areas Addressed:

MCCES page 165

Data File: FACA1

Sgts Crs page 204
Data File: FACA2

CAX page 236

Data File: FACA3

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

Areas Addressed:

MCAGCC Installation page 279

Data File: FACB

- FEATURES AND CAPABILITIES -

A. Expansion (no subparagraphs)

Areas Addressed:

MCAGCC Installation page 304

Data File: A: FACB

- 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 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.).¹

Course Identifier	Type Training ²	Course or CAX Length (days)	Days Under Instruction ³	Number of Convenings ⁴ (Fiscal Year)							Mobilization Requirement (2001)
				1992	1993	1994	1995	1997	1999	2001	
M09OGM 1	SP(E)	196	140	1	1	0	0	0	0	0	0
M092471	IS(E)	35	18	10	10	10	16	16	16	16	16
M0924X1	IS(E)	70	50	4	4	4	4	4	4	4	4

¹ Data obtained from the Training Input Plan (TIP) published by MCCDC for course length and days under instruction. Number of convenings from Course Descriptive Data (CDD) for each course.

² Formal schools and educational institutions only

³ For CAXs indicate the actual number of training days

⁴ For educational institutions the number of convenings should be the total number of section offerings per course.

M092541	IS(E)	67	48	14	14	14	14	15	15	15	15	15	15
M0925U1	IS(E)	55	40	48	48	48	48	52	52	52	52	52	52
M0926D1	IS(E)	122	88	6	6	8	8	8	8	8	8	8	8
M092721	IS(E)	78	56	48	47	47	47	47	47	47	47	47	47
M0927E1	IS(E)	52	38	3	3	3	3	3	3	3	3	3	3
M0927F1	SP(E)	60	43	1	1	1	1	1	1	1	1	1	1
M0927M1	IS(E)	109	78	24	23	23	23	23	23	23	23	23	23
M0927P1	SP(E)	108	78	9	9	9	9	9	9	9	9	9	9
M0927V1	IS(E)	42	30	29	29	29	29	29	29	29	29	29	29
M0927W1	IS(E)	28	20	11	11	11	11	11	11	11	11	11	11
M0928W1	IS(E)	106	76	6	7	8	8	8	8	8	8	8	8
M0928Y1	IS(E)	137	98	2	1	1	0	1	1	1	1	1	1
M092EK1	SP(E)	14	10	2	2	2	2	2	2	2	2	2	2
M0966F1	IS(E)	94	68	5	5	5	5	5	5	5	5	5	5
M0966G1	SP(E)	71	51	4	4	4	4	4	4	4	4	4	4
M0966V1	IS(E)	41	30	2	2	2	2	2	2	2	2	2	2
M0967L1	IS(E)	49	35	4	4	4	4	4	4	4	4	4	4
M0972G1	SP(O)	12	9	1	0	0	3	3	3	3	3	3	3
M0972H1	SP(O)	15	11	3	1	2	2	2	2	2	2	2	2
M0972M1	IS(O)	132	95	2	2	2	2	2	2	2	2	2	2

M0972N1	SP(E) ✓	46	33	2	2	2	2	2	2	2	2
M0972P1	IS(E) ✓	73	53	2	2	2	2	2	2	2	2
M09BEZ1	SP(E) ✓	49	35	4	4	4	4	4	4	4	4
M09CGM1	SP(E) ✓	56	40	6	6	6	12	12	12	12	12
M09CGN1	SP(E) ✓	34	25	5	5	5	5	5	5	5	5
M09CHK1	SP(E) ✓	86	62	6	6	6	6	6	6	6	6
TSC120TC ₅	SP(E) ✓	35	25	--	--	--	2	2	2	2	2
N01DSA1 ⁶	SP(E) ✓	21	15	--	--	--	--	10	10	10	10
A09CEK1 ⁷	SP(E) ✓	30	22	--	--	18	18	18	18	18	18
F03CGA1 ⁸	SP(E) ✓	42	30	--	--	--	--	12	12	12	12
F02CEQ1 ⁹	SP(E) ✓	42	30	--	--	--	--	7	7	7	7

⁵ New course of instruction, course identifier not yet designated.

⁶ Unavailable, included for ITRO consideration.

⁷ Ibid

⁸ Ibid

⁹ Ibid.

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M09DPH1	IS(E)	14	10	1	1	1	1	1	1	1	1
M09DQH1	IS(E)	52	38	3	3	3	3	3	3	3	3
M09DQJ1	SP(E)	55	40	3	2	2	3	2	2	2	2
M09DQK1	IS(E)	24	18	3	3	3	3	3	3	3	3
M09DRF1	SP(E)	112	80	6	6	6	6	6	6	6	6
M09DRG1	SP(E)	82	59	0	1	1	2	2	2	2	2
M09DRH1	SP(E)	195	140	0	2	1	1	1	1	1	1
M09E2D1	SP(E)	43	31	5	5	5	5	5	5	5	5
M09E2H1	IS(E)	90	65	2	2	2	2	2	2	2	2
M09E2U1	SP(E)	78	56	1	1	1	1	1	1	1	1
M09E2V1	SP(E)	102	73	1	1	1	1	1	1	1	1
M09E3G1	IS(E)	56	40	2	2	2	2	2	2	2	2
M09E3H1	SP(E)	186	133	2	2	2	2	2	2	2	2
M09FGV1	IS(E)	116	83	1	2	2	2	2	2	2	2
M09FGX1	SP(E)	202	145	1	1	0	0	0	0	0	0
M09R2D1	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
M09TOA1	IS(O)	77	55	4	4	4	4	4	4	4	4
M09TA31	SP(E)	112	80	2	2	2	2	2	2	2	2

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M0925A1	SP(E)	119	84	2	2	2	2	2	2	2	2	2
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* 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.¹⁰

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
M090GM1	9	9	9
M092471	20	45	45
M0924X1	22	24	24
M092541	20	30	30
M0925U1	25	48	48
M0926D1	4	12	12
M092721	26	30	30
M0927E1	8	8	8
M0927F1	10	10	10
M0927M1	20	24	24
M0927P1	8	22	22
M0927V1	12	24	24
M0927W1	12	12	12

¹⁰ Data obtained from the Course Descriptive Data (CDD) for each course.

M0928W1	12	14	14
M0928Y1	9	9	9
M092EK1	20	42	42
M0966F1	8	10	10
M0966G1	6	8	8
M0966V1	12	12	12
M0967L1	10	19	19
M0972G1	8	12	12
M0972H1	4	6	6
M0972M1	8	12	12
M0972N1	6	8	8
M0972P1	12	18	18
M09BEZ1	6	14	14
M09CGM1	10	30	30
M09CGN1	6	6	6
M09CHK1	25	40	40
TSC120TC	8	10	10
N01DSA1	UNK	UNK	UNK
A09CEK1	UNK	UNK	UNK
F03CGA1	UNK	UNK	UNK

F02CEQ1	UNK	UNK	UNK
M09D3C1	15	15	15
M09DA91	10	12	12
M09DPH1	8	8	8
M09DQH1	4	4	4
M09DQJ1	8	8	8
M09DQK1	6	8	8
M09DRF1	6	6	6
M09DRG1	10	12	12
M09DRH1	15	15	15
M09E2D1	10	12	12
M09E2H1	12	12	12
M09E2U1	12	12	12
M09E2V1	12	12	12
M09E3G1	6	6	6
M09E3H1	9	12	12
M09FGV1	10	12	12
M09FGX1	4	4	4
M09R2D1	25	40	40
M09R2E1	25	40	40

M09TOA1	6	10	10
M09TA31	25	40	40
M0925A1	25	40	40

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.¹

Course Identifier	Student or CAX Participant Throughput (Fiscal Year)							Mobilization Requirement (2001) ⁵
	1992 ²	1993 ³	1994	1995	1997	1999	2001 ⁴	
M09OGM1	6	12	0	6	6	6	6	6
M092471	450	499	761	761	779	876	830	830

¹ Data obtained from USMC Training Input Plan (TIP), published annually by MCCDC.

² Separate instruction indicated that both FY-92 and FY-93 data were to be actual vice programmed as instructed above. No actual data was available for FY-92, thus TIP data is provided.

³ Data is actual input data.

⁴Data item is derived using projection.

⁵No specific mobilization throughput number is assigned to MCCES courses of instruction. Mobilization would accelerate training by conducting instruction a sixth day of the week, to reduce "pipeline time." Best estimate is that throughout numbers would remain the same as those projected for the year 2001.

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M0924X1	75	39	35	39	59	60	51	51
M092541	413	277	260	440	346	512	465	465
M0925U1	2604	1917	2143	2450	2303	2179	2297	2297
M0926D1	96	97	90	96	240	77	121	121
M092721	1370	961	827	1359	1403	1469	1410	1410
M0927E1	4	21	15	20	11	30	24	24
M0927F1	0	4	21	20	20	20	20	20
M0927M1	460	394	333	460	264	860	647	647
M0927P1	154	41	59	68	74	74	72	72
M0927V1	618	467	398	648	450	998	808	808
M0927W1	124	72	55	69	86	81	83	83
M0928W1	106	100	112	112	413	163	209	209
M0928Y1	16	17	11	13	9	13	12	12
M092EK1	100	8	13	84	84	84	80	80
M0966F1	46	47	23	28	21	68	55	55
M0966G1	0	20	17	19	16	16	17	17
M0966V1	18	12	14	21	16	28	26	26
M0967L1	49	64	49	51	71	47	52	52
M0972G1	6	0	0	36	36	36	34	34
M0972H1	0	4	20	20	10	10	11	11

'This is a new course of instruction which has not been assigned a CID. This course and the following three courses are included solely because they were/are under consideration by ITRO for possible relocation to this formal school.

M092MH1	26	18	24	24	28	28	(27)	27
M092N1	32	20	16	16	32	32	30	30
M092P1	85	53	36	100	206	159	(128)	128
M09BEZ1	2	33	28	11	13	47	(29)	29
M09CGM1	36	128	380	400	487	322	(316)	316
M09CGN1	30	21	60	60	60	60	60	60
M09CHK1	94	126	45	228	228	228	218	218
TSC120TC ⁶	*	*	*	20	20	20	20	20
N01DSA1 ⁷	*	*	*	*	*	*		
A09CEK1	*	*	*	*	*	*		
F03CGA1	*	*	*	*	*	*		
F02CEQ1	*	*	*	*	*	*		
M09D3C1	30	15	30	30	158	96	(96)	96
M09DA91	24	33	60	54	54	54	54	54
M09DPH1	12	0	11	10	10	10	10	10
M09DQH1	12	5	3	3	3	3	3	3

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M09DQJ1	20	4	6	12	12	12	12	12	12
M09DQK1	18	20	24	24	24	24	24	24	24
M09DRF1	6	12	23	18	18	18	12	15	15
M09DRG1	12	11	9	12	22	22	22	20	20
M09DRH1	18	15	30	30	36	36	36	35	35
M09E2D1	40	54	40	50	89	89	89	82	82
M09E2H1	28	23	21	18	43	11	20	20	20
M09E2U1	10	6	9	10	10	10	10	10	10
M09E2V1	20	0	9	0	10	10	9	9	9
M09E3G1	10	14	12	12	105	28	35	35	35
M09E3H1	0	4	10	14	12	12	12	12	12
M09FGV1	8	33	20	0	15	26	17	17	17
M09FGX1	0	2	5	6	6	6	6	6	6
M09R2D1	15	42	16	7	7	7	8	8	8
M09R2E1	25	0	25	40	40	40	39	39	39
M09TOA1	10	25	10	29	13	13	14	14	14
M09TA31	240	107	202	199	202	202	201	201	201
M09ZSA1	71	74	72	73	73	73	73	73	73

Mission Requirements4. 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 ⁸	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992 ⁹	785	771	723	925	920	949	859	741	737	747	707	616
FY 1993 ¹⁰	780	761	719	909	902	936	857	741	750	754	710	627

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

MCCES schedules personnel through the formal schools catalog, but can't control the day to day arrival of students from recruit training and follow on combat training.

⁸ The data does not exist in the format requested. Data provided is the number of students enrolled in courses during the month, not the average number of students on board (AOB).

⁹ Data partially reconstructed from quarterly statistics.

¹⁰ Data partially reconstructed from quarterly statistics.

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 course¹¹. *Do not* include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel¹².

a. Male Personnel¹³:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year) ¹⁴							Mobilization Requirement (2001) ¹⁵
	1992	1993	1994	1995	1997	1999	2001	
Recruit								

¹¹ Data set is computed using TIP data for FY-92 and FY-94. FY-92 data is not available.

¹² Actual distribution by pay grade does not exist except for FY-93. Pay grade distribution for the remaining years is determined by using the proportional distribution from FY-93 and applying it to the remaining years.

¹³ Billeting is not mandatory except as required by standard USMC billeting policy. The formal school imposes no special requirement.

¹⁴ Lineal projection for years 1995 through 2001 and mobilization requirement. Actual numbers will be based needs of the Marine Corps by FFM assignments.

¹⁵No specific mobilization throughput number is assigned to MCCES courses of instruction. Mobilization would accelerate training by conducting instruction a sixth day per week, to reduce "pipeline time." Best estimate is that throughput numbers would remain the same as those projected for the year 2001.

E-1 thru E-4	793	657	972	1257	1332	1415	1497	1497
E-5	43	36	53	69	73	78	82	82
E-6	22	18	27	35	37	39	41	41
E-7	14	11	17	22	23	24	26	26
E-8 thru E-9	0	0	1	1	1	1	1	1
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02	7	6	9	12	12	13	14	14
03 thru 09	2	2	2	3	3	3	4	4

Mission Requirements

b. Female Personnel¹⁶:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year) ¹⁷							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	

¹⁶ Billeting is not mandatory except as required by standard USMC billeting policy. The formal school imposes no special requirement.

¹⁷ Ibid

Recruit								
E-1 thru E-4	43	36	53	68	72	77	81	81
E-5	1	1	1	1	1	1	1	1
E-6	3	2	4	5	5	5	5	5
E-7	1	1	1	1	1	1	1	1
E-8 thru E-9	0	0	0	0	0	0	0	0
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02	0	0	0	0	0	0	0	0
03 thru 09	0	0	0	0	0	0	0	0

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

Segregation by gender is generally not required. All rooms used for billeting within 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 course¹⁸. *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) ¹⁹
881	729	1078	1395	1478	1570	1661	1661

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.

¹⁸ Data represents the distribution as determined in 5a and 5b, and only includes pay grades E1 through E5.

¹⁹No specific mobilization throughput number is assigned to MCCES courses of instruction. Mobilization would accelerate training by conducting instruction a sixth day per week, to reduce "pipeline time." Best estimate is that throughout numbers would remain the same as those projected for the year 2001.

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: 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 ²⁹				
Surveillance Radar AN/TPS-59	1	1	930 ³⁰				
MRC vehicle	55			1	2880		
Comm-Elec Maint.*	1					1	21000

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

²⁹ estimated square footage

³⁰ 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

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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 ³⁵	106	106
M092E3H	General	255	255

³⁵Represents the academic hours presented to Repair Course students in the Maintenance School - See Note 36.



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

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 ³⁶	155.3	155.3

³⁶Represents the academic hours presented to Repair Course students in the Operator School. This instruction is part of the total Maintenance course (E3G) though presented by the Operator School.



M09T0A	Modified	40.5	40.5
M0967L	Modified	40.5	40.5
M0972H	Modified	41.5	41.5
M0976G	Modified	44.0	44.0

R

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

R

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 ³⁷	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

³⁷Represents the practical application hours presented to Repair Course students in the Maintenance School -- See Note 38.

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

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 ³⁸	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

³⁸Represents the general application hours presented to the Repair Course students in the Operator School. This instruction is part of the total Maintenance course (E3G) though presented by the Operator School.

UIC: 67399

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

CCN: 171-35

UIC: 67399

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 ³¹	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
M0925U1	MCAGCC PRT Training Area	32	32
M09BEZ1	MCAGCC PRT Training Area	104	104
M09CGM1	MCAGCC PRT Training Area	56	56
M09CGM1	Camp Wilson Training Area	56	56
M092471	MCCES Berm Training Area	124	124
M09CHK1	MCCES Berm Training Area	42	42
M092EK1	MCAGCC PRT Training Area	10	10

* The above usage denotes specialized operational communications training which is conducted in this area. This usage is to assemble, set up, establish communications, disassemble and move communications systems for training purposes.

³¹ These courses use these facilities, in this instance, not for the purpose generally ascribed to these areas. This usage

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 ³²	Course or CAX Length (days)	Days Under Instruction ³³	Number of Convenings ³⁴ (Fiscal Year)							Mobilization Requirement (2001)
				1992	1993	1994	1995	1997	1999	2001	
SGTs COURSE	PD	35	25	8	8	8	8	8	8	8	8
RESERVE SGTs COURSE	PD	15	14	0	0	1	1	1	0	0	1

³²Formal schools and educational institutions only

³³For CAXs indicate the actual number of training days

³⁴For 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
RESERVE STGs 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 ³⁵ (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
SGTs COURSE	680	218**	900	900	1200	1200	1200	1200
RESERVE SGTs COURSE*	0	0	79	100	100	0	0	100

* End of FY-97 Reserve Sgts Course is proposed to be a mission assumed by Reserves.

** Decrease reflects deployment of 7th Marine Units from MCAGCC in support of humanitarian operations in Somalia.

³⁵CAX Participant Throughput is the total number of exercise personnel (i.e., CD, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

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
RESERVE SGTs COURSE SGT.	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 ²⁵ (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
SGTs COURSE	680	680	900	900	1200	1200	1200	1200
RESERVE SGTs COURSE*	0	0	79	100	100	0	0	100

* End of FY-97 Reserve Sgts Course is proposed to be a mission assumed by Reserves.

²⁵CAX 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).

SGTs COURSE

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	44	17	11	30	24	24	31	27	16	23	28	34
FY 1993	44	44	18	14	14	19	26	13	8	34	31	23

RESERVE STGs COURSE

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992	0	0	0	0	0	0	0	0	0	0	0	0
FY 1993	0	0	0	0	0	0	0	0	0	0	0	0

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

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	44	17	11	30	24	24	31	27	16	23	28	34
FY 1993	44	44	18	14	14	19	26	13	8	34	31	23

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

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)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit								
E-1 thru E-4	146	31						
E-5	118	192	740	740	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

Reserve Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit								
E-1 thru E-4								
E-5	0	0	3	3	3*	0	0	3**
E-6								
E-7								
E-8 thru E-9								
Midshipmen/ Officer Candidates								
W1 thru W5 & 01 thru 02								
03 thru 09								

* Reserve SGTs Course expected to be taught at Reserve site yet to be identified in 1998.

** 29 Palms could pick up this responsibility during mobilization or new mobilization plan employs all reservists not just a select few.

Mission Requirements

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit								
E-1 thru E-4								
E-5	0	8	40	40	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**Reserve Female Personnel:**

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit								
E-1 thru E-4								
E-5	0	0	38	38	38*	0	0	38**
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.
- * Reserve Sgts Crs expected to be taught at Reserve site yet to be identified in 1998.
 - ** 29 Palms could pick up this responsibility during mobilization as new mobilization employs all reservists not just a select few.

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
RESERVE SGTs Crs	Range 103	36	36
	Range 112	1	1
	Range 113	2.5	2.5
	PRTC Trac	6	5

* 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 ³⁶	Course or CAX Length (days)	Days Under Instruction ³⁷	Number of Convenings ³⁸ (Fiscal Year)							Mobilization Requirement (2001)
				1992	1993	1994	1995	1997	1999	2001	
CAX	USMC BLT	22	20	8	5	6	0	0	0	0	0
ECAX	USMC RLT	35	33	0	1	1	4	4	4	4	4
Reserve CAX	USMCR BLT	15	13	2	2	2	2	2	2	2	2

³⁶Formal schools and educational institutions only

³⁷For CAXs indicate the actual number of training days

³⁸For 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 ³⁹ (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
CAX	23,048	14,000	17,286	0	0	0	0	0
ECAX*	0	14,000 **	5,400	25,400	25,400	25,400	25,400	25,400
RESERVE CAX	5,762	10,000 **	5,762	5,762	5,762	5,762	5,762	5,762

* ASSUME ECAX WITH MEF CELLS ATTACHED.

** REGULAR E-CAX WAS LARGER THAN PLANNED. RESERVE CAX TURNED INTO AN ENHANCED CAX WITH OVER 4500 EACH CAX UNIT.

³⁹CAX Participant Throughput is the total number of exercise personnel (i.e., CD, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

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 ³⁹ (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	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.

³⁹CAX 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. Level loading is accomplished and is determined by the size of the unit, unit manning level, and the type of CAX they are participating in (i.e. Regular CAX, ECAX, Reserve CAX).

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)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit	0	0	0	0	0	0	0	0
E-1 thru E-4	1253	1195	1231	1960	1858	1858	1858	1858
E-5	144	127	142	225	213	213	213	213
E-6	92	81	91	144	137	137	137	137
E-7	39	35	39	44	61	58	58	58
E-8 thru E-9	28	25	28	44	42	42	42	42
Midshipmen/ Officer Candidates	0	0	0	0	0	0	0	0
W1 thru W5 & O1 thru O2	89	78	87	139	131	131	131	131
O3 thru O9	91	80	89	142	135	135	135	135

Mission Requirementsb. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							Mobilization Requirement (2001)
	1992	1993	1994	1995	1997	1999	2001	
Recruit	0	0	0	0	0	0	0	0
E-1 thru E-4	1.21	1.33	1.51	2.88*	2.88	2.88	2.88	2.88
E-5	.18	.66	3.32	5.37	10.16	10.16	10.16	10.16
E-6	.12	.18	.30	.48	.48	.48	.48	.48
E-7	.06	.06	.12	.29	.29	.29	.29	.29
E-8 thru E-9	0	.06	.06	.10	.10	.10	.10	.10
Midshipmen/ Officer Candidates	0	0	0	0	0	0	0	0
W1 thru W5 & O1 thru O2	.06	.06	.12	.48	.48	.48	.48	.48
O3 thru O9	.18	.18	.30	.86**	.86	.86	.86	.86

*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)
1,389 CAX	868	1,042	0	0	0	0	0
0 ECAX	505	518	2,436	2,436	2,436	2,436	2,436
236 RCAX	236	236	236	236	236	236	236

* 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						
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

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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						
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, CHASSIS, 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
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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						
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

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TRUCK, AMBULANC E	2	N/A	0	0.05	75	0.04	N/A	0.02	N/A
TRUCK, AMBULANC EHMWWV	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						
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

UIC: 67399

TRUCK, M931	8	N/A	0	0.18	276	0.16	N/A	0.06	N/A
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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						
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

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
CAX	Sundance 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 re-qualification, 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	20	1	48	48	48

Mission Requirements

CCN: N/A

¹Training 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.

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 ³	1092	1092	1092
MCAGCC PRT Training Area ⁴	NA	NA	6240
Camp Wilson Training Area ⁵	NA	NA	6240

²Training 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.

³ Represents only those occasions where this area is used for physical fitness training. Most physical fitness training is conducted at numerous sites throughout the combat center dependent upon the type of training conducted.

⁴ Represents a recent, and increasing utilization of this area to conduct communications system training.

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MCAGCC Bandini Training Area	100	100	100
MCAGCC PRT Training Area	144	144	144

⁵ Represents a recent, and increasing utilization of this area to conduct communications system training.

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 re-qualification, 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) ⁶ 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

⁶Training 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) ⁷ per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

⁷Training 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.

N/A

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

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.

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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
Tank 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

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

²"(entire Bn)" = all companies, including H&S Co or Hqtrs Btry, anti-armor plat, if applicable

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Sergeants Course*	19	1	All USMC units west of Mississippi River except 1stMarDiv and El Toro	19	1	Unknown	Unknown	Unknown	Unknown	Unknown
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* 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	Number of Units	FY 1999 Manning Level	Number 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

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

UIC: 67399

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

UIC: 67399

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						
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	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	0.42	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 Regiment

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						
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	0.75	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	0.12	EA	0.05	EA
RECOVERY	6	3,000	SF	285	SF	0.12	EA	0.05	EA

UIC: 67399

b. Unit: 3rd Light Armored Regiment, 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.

UIC: 67399

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

UIC: 67399

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						
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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

TRUCK, DUMP 5 TON0, 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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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.

UIC: 67399

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

UIC: 67399

f. Unit: 3rd Battalion, 11th Marines

Major Equipment: **Artillery Guns**

Type of Gun	Number by Type	CCN:214.40	
		Total	Unit of Measure
HOWITZER, 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

UIC: 67399

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

		CCN:211.96	
RPV	Number by Type	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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

TRUCK, WRECKER, M936	1	50	SF	0.02	EA	0.008	EA
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UIC: 67399

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

UIC: 67399

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						
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

UIC: 67399

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	

UIC: 67399

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		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, CHASSIS, 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

UIC: 67399

TRAILER, POWERED WRECKER MK15	2	N/A	0	0.03	48	0.04	N/A	0.02	N/A
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Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		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

UIC: 67399

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						
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

UIC: 67399

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 Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	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

UIC: 67399

TRUCK, WRECKER, M936	2	N/A	0	0.046	70	0.04	N/A	0.02	N/A
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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

³Training 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.

⁴Ranges only

UIC: 67399

Range 101 Rifle Range	300	1		*		312	156	300
Range 101A Rifle Range	200	1		*		67	100	200
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

⁵Training 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.

⁶Ranges 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	

⁷Training 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.

⁸Ranges only

UIC: 67399

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

⁹Training 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.

¹⁰Ranges only

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.

UIC: 67399

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
Tank 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

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

²"(entire Bn)" = all companies, including H&S Co or Hqtrs Btry, anti-armor plat, if applicable

UIC: 67399

Sergeants Course*	19	1	All USMC units west of Mississippi River except 1stMarDiv and El Toro	19	1	Unknown	Unknown	Unknown	Unknown	Unknown
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* 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	Number of Units	FY 1999 Manning Level	Number 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

UIC: 67392

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

UIC: 67399

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						
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.

UIC: 67399

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	0.42	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

UIC: 67399

b. Unit: 3rd Light Armored Regiment

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						
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	0.75	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	0.12	EA	0.05	EA
RECOVERY	6	3,000	SF	285	SF	0.12	EA	0.05	EA

b. Unit: 3rd Light Armored Regiment, 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.

UIC: 67399

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

UIC: 67399

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						
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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

TRUCK, DUMP 5 TON0, 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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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.

UIC: 67399

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, HMWV 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
HOWITZER, 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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

TRUCK, WRECKER, M936	1	50	SF	0.02	EA	0.008	EA
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UIC: 67399

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						
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

UIC: 67399

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	

UIC: 67399

Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		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, CHASSIS, 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

UIC: 67399

TRAILER, POWERED WRECKER MK15	2	N/A	0	0.03	48	0.04	N/A	0.02	N/A
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Type of Equipment	Number by Type	CCN:214.40		CCN:214.51		CCN:214.55		CCN:214.56	
		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

UIC: 67399

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 Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	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

UIC: 67399

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 Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd	Number of Facilitie s	Total SF Reqd
TRUCK, UTILITY, HMWWV	49	N/A	0	3.93	5900	3.42	N/A	1.37	N/A

UIC: 67399

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
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

³Training 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.

⁴Ranges only

UIC: 67399

* 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

⁵Training 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.

⁶Ranges only

UIC: 67399

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	

⁷Training 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.

⁸Ranges only

UIC: 67399

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

⁹Training 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.

¹⁰Ranges only

UIC: 67399

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

UIC: 67399

Range 110 Infantry Squad Assault Range	N/A	1	INF/A VN	USA	160	180	196	
Range 110 Infantry Squad Assault Range	N/A	1	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	
Range 111 Tank Combat Course	N/A	1	INF/A VN	USA	103	87	94	

¹¹Training 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.

¹²Ranges only

UIC: 67392

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

UIC: 67399

Range 113 Tank Combat Course	N/A	1	INF/A VN	USA	103	92	122	
Range 113 Tank Combat Course	N/A	1	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 Fortification Range	N/A	2	INF/A VN	USMC	494	466	475	

¹³Training 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.

¹⁴Ranges only

UIC: 67399

Range 201/202 Combat Engineer Dem and Field Fortification Range	N/A	2	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 Maneuver Range	N/A	1	INF/A VN	USA	154	167	178	
Range 410 Platoon Live Fire and Maneuver Range	N/A	1	INF/A VN	USMC	1877	1807	2067	

UIC: 67392

Range 410 Platoon Live Fire and Maneuver Range	N/A	1	INF/A VN	USA	154	167	184	
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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 Strong point	N/A	1	INF/A VN	USMC	1787	1807	1867	

¹⁵Training 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.

¹⁶Ranges only

UIC: 67399

Range 410A Rifle Platoon attack of Soviet Style Strong point	N/A	1	INF/A VN	USA	23	35	34	
Range 500 Armor Live Fire and Maneuver Range	N/A	1	INF/A VN	USMC	2112	2163	2234	

UIC: 67399

Mission Requirements

UIC: _____

b. Projected Usage Requirements

Type of Training Facility	Design Capacity (PN) ¹⁷ per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1994	FY 1995	FY 1997
Range 101, Rifle Range	300	1			160	170	180
Range 101A, Rifle Range	200	1			100	100	100
Range 101B, Rifle Range	300	1			100	200	300
Range 102, Pistol Range	200	1			10	10	10
Range 102A, Pistol Range	100	1			10	10	10
Range 102B, Pistol Range	200	1			40	55	70
Range 100, CS Chamber	N/A	1			271	287	323

¹⁷Training 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.

UIC: 67399

Range 103, Non-live fire Squad Patrolling/Intelligence Reaction Course	N/A	1			1692	1794	2016
Range 105, Tank Conduct of Fire	N/A	1			455	483	542
Range 106, Tank Gun Training Range	N/A	1			996	1056	1186
Range 107, Squad Defensive Training Range	12	1			2075	2200	2471
Range 108, Static Target Display and Grenade Range	N/A	1			2075	2200	2471
Range 109, Mortar Range	N/A	1			1416	1501	1686
Range 110, Infantry Squad Assault Range	N/A	1			2645	2804	3151
Range 111, Tank Combat Course	N/A	1			2173	2303	2588
Range 112, Special Ordnance Test Area	N/A	1			1420	1505	1595
Range 113, Tank Combat Course	N/A	1			2394	2538	2851
Range 114, EOD	N/A	1			612	649	729

UIC: 67399

Range 201/202, Combat Engineer Demo and Field Fortification Range	N/A	2			535	567	637
Range 400, Company Life Fire Maneuver Range	N/A	1			395	419	470
Range 410, Platoon Live Fire and Maneuver Range	N/A	1			2386	2529	2841
Range 410 A, Rifle Platoon Attack of Soviet Strong point	N/A	1			1979	2097	2357
Range 500, Armor Live Fire and Maneuver Range	N/A	1			2368	2660	2989

UIC: 67399

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	

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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	

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Range 410, Platoon Live Fire and Maneuver Range	N/A	1			3193	3587	
Range 410 A, Rifle Platoon Attack of Soviet Strong point	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

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

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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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

Mesa	Inf/Bn Avn/Sqdn	USMC	Fire/Man	2977	3168	3326
	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
Maumee Mine	Inf/Bn Avn/Sqdn	USMC	Fire/Man	3638	3820	4202
	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
Noble Pass	Inf/Bn Avn/Sqdn	USMC	Fire/Man	5141	5398	5938
	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
Quackenbush Lake	Inf/Bn Avn/Sqdn	USMC	Fire/Man	6402	6723	7395
	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

UIC: 67399

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

UIC: 67399

Range 100	Inf/Bn	USMC	Fire/Man	268	282	310
	Avn/Sqdn	USN	Air/Gnd	16	16	16
	Avn/SEAL	Other	Fire/Man	54	63	72
Range 103	Inf/Bn	USMC	Fire/Man	1645	1727	1900
	Avn/Sqdn	USA	Fire/Man	35	42	52
	Inf/Bn	USMC	Fire/Man	451	474	521
Range 105	Avn/Sqdn	USMC	Fire/Man	987	1036	1140
	Inf/Bn	USMC	Fire/Man	1645	1727	1899
Range 106	Inf/Bn	USMC	Fire/Man	205	217	229
	Avn/Sqdn	USA	Fire/Man	208	219	231
	Avn/SEAL	USN	Air/Gnd	93	103	110
Range 107	Inf/Bn	USMC	Fire/Man	1645	1727	1900
	Avn/Sqdn	USA	Fire/Man	205	217	229
	Inf/Bn	USMC	Fire/Man	208	219	231
Range 108	Avn/SEAL	Other	Fire/Man	93	103	110
	Inf/Bn	USMC	Fire/Man	1645	1727	1900
	Avn/Sqdn	USA	Fire/Man	205	217	229
Range 109	Inf/Bn	USMC	Fire/Man	208	219	231
	Avn/Sqdn	USN	Air/Gnd	93	103	110
	Avn/SEAL	Other	Fire/Man	1645	1727	1900

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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)

¹Training 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)

UIC: 67399

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)

UIC: 67399

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)

¹Training 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)

UIC: 67399

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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 subparagraphs 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

¹Training 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.

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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

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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					

UIC: 67399

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. N/A

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities

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:	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

²Training 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.

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	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)

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

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

³Training 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.

⁴Training 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

⁵Training 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

⁶Training 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.

⁷Applies to ranges only; indicate camp or grid coordinate

⁸Applies 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

⁹Training 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.

¹⁰Applies to ranges only; indicate camp or grid coordinate

¹¹Applies to ranges only; include range fan

UIC: 67392

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

¹²Training 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.

¹³Applies to ranges only; indicate camp or grid coordinate

¹⁴Applies 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

¹⁵Training 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.

¹⁶Applies to ranges only; indicate camp or grid coordinate

¹⁷Applies to ranges only; include range fan

UIC: 67399

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

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

²¹Training 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.

²²Applies to ranges only; indicate camp or grid coordinate

²³Applies 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

²⁴Training 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.

²⁵Applies to ranges only; indicate camp or grid coordinate

²⁶Applies to ranges only; include range fan

UIC: 67399

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.

MCCES could gain approximately 12000 hours of increased capacity by the addition of three (3) classrooms to accommodate the training of the PSC-5 (which does not yet have an assigned CID), and CIDs DRJ, DA9, 26D. The estimated cost per classroom is \$170,000.

(cost estimate based upon the current size of classrooms, construction costs of \$130 per square feet.)

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	M0972N, M0972M, M0972P

UIC: 67399

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.

²⁷Training 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.

UIC: 67399

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?

UIC: 67399

- (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?

UIC: 67399

- (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?

UIC: 67399

- (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?

UIC: 67399

- (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	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, Exple, 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	XXXXXXXXXXXXXXXXXXXXXX						
411-xx	Liquid storage Bulk						

UIC: 67399

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	17610			54008
		24	32278			
		19	4120			
Automated data processing installation	610-20					
Legal services	610-40					
TOTAL	NA	NA	54008			54008

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	54008	59108	59108	59108	59108	59108
610-20	Automatic data processing installation						
610-40	Legal Services						

* Increases shown above are resultant from personnel growth as a result of known course additions/increases.

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: **classified information**
- b. Provide the total seating capacity: **0**
- 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 ¹⁰	680
Total:	680

¹⁰ This area is a library only in the sense that classified documents are controlled and stored in these areas. An area for the routine viewing, or studying these documents is not provided.

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 subparagraphs 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.

UIC: 67399

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:						

¹Training 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:						

²Training 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.

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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

³Training 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

⁴Training 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.

UIC: 67399

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

⁵Training 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 or Rocket Ranges.

⁶Training 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.

⁷Applies to ranges only; indicate camp or grid coordinate

⁸Applies 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

⁹Training 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.

¹⁰Applies to ranges only; indicate camp or grid coordinate

¹¹Applies 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

¹²Training 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.

¹³Applies to ranges only; indicate camp or grid coordinate

¹⁴Applies 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

¹⁵Training 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.

¹⁶Applies to ranges only; indicate camp or grid coordinate

¹⁷Applies 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.

¹⁸Training 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.

¹⁹Applies to ranges only; indicate camp or grid coordinate

²⁰Applies to ranges only; include range fan

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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

²¹Training 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.

²²Applies to ranges only; indicate camp or grid coordinate

²³Applies to ranges only; include range fan

UIC: 67399

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

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

²⁷Training 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.

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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-02, 03 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?

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- (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?

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- (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?

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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?

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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				

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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	xxxxxxxxxxxxxxxxxxxxxxxx						
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					
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

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: None *
- 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	N/A
Classified Material Storage	N/A
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

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

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 subparagraphs 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:	150	1	N	0 Hours	8	300
Modified Academic Space:						
Workbench Lecture Space:						
Space for Hands-on Mockups:						
Learning Center:						

¹Training 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

UIC: 67399

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:						

²Training 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

³Training 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

⁴Training 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

⁵Training 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.

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

UIC: 67399

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

⁹Training 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.

¹⁰Applies to ranges only; indicate camp or grid coordinate

¹¹Applies to ranges only; include range fan

UIC: 67399

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

UIC: 67399

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

UIC: 67392

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

¹²Training 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.

¹³Applies to ranges only; indicate camp or grid coordinate

¹⁴Applies to ranges only; include range fan

UIC: 67399

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

UIC: 67399

Fire and Maneuver Range	N/A	1	Quackenbush 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

¹⁵Training 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.

¹⁶Applies to ranges only; indicate camp or grid coordinate

¹⁷Applies 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

¹⁸Training 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.

¹⁹Applies to ranges only; indicate camp or grid coordinate

²⁰Applies 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

²¹Training 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.

²²Applies to ranges only; indicate camp or grid coordinate

²³Applies 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

²⁴Training 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.

²⁵Applies to ranges only; indicate camp or grid coordinate

²⁶Applies 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 |

UIC: 67399

- 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

- Mess hall 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 50,000 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
-------------------------------	--------------------------

UIC: 67399

MOU 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).
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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

²⁷Training 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.

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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
Sundance MOA	3 X 21 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
N/A for CAX (Field duty)								

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?

UIC: 67399

(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
1466	11	4	11	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?

UIC: 67392

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 expeditionary 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?

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, Expto, 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	xxxxxxxxxxxxxxxxxxxxxxxx	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					
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

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: CMS - classified information
- b. Provide the total seating capacity: TEECG conference/VCR room - approx 20
- c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	N/A
Stack Area	N/A
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

* TEECG conference room/VCR for training.

** S-2 office at TEECG is designated strongroom for storage of classified material.

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**b. CCN: 171-10**

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
Center Safety	50	1	N	80	7	156
1st Tanks Training	325	1	N	0	8	27

⁴¹Training 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.

UIC: 67399

Facilities

c. CCN: 171-20

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 Training Hrs/Day	Average Training Days/Yr
Band	40	1	N	0	3	200

⁴²Training 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

⁴³Training 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: 171-17

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
MILES Equipment Training	30	1	NO	110	8	255
War Gaming Center	147	1	NO	110	8	255

⁴⁴Training 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

⁴⁵Training 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.

⁴⁶Applies to ranges only; indicate camp or grid coordinate

⁴⁷Applies to ranges only; include range fan

UIC: 67399

PRIVATE OFFICE SPACE 100 SQ FT
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

⁴⁸Training 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.

⁴⁹Applies to ranges only; indicate camp or grid coordinate

⁵⁰Applies 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

⁵¹Training 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.

⁵²Applies to ranges only; indicate camp or grid coordinate

⁵³Applies 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?

The MCAGCC Education Service Office just established 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)

⁵⁴Training 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

UIC: 673995. 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	

UIC: 67399

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	
GEOGRAPHIC BACHELOR QUARTERS 1425 (721.13)	20	25	0		0		20	6630
GEOGRAPHIC BACHELOR QUARTERS 1547 (721.13)	16	16	0		0		16	5488
GEOGRAPHIC BACHELOR QUARTERS 1548 (721.13)	28	28	0		0		28	12250
GEOGRAPHIC BACHELOR QUARTERS 1415 (724.11)	16	16	0		0		16	6630
GEOGRAPHIC BACHELOR QUARTERS 1416 (724.11)	16	16	0		0		16	6630
BOQ 1567 (724.11)	14	15	0		0		14	6630
BOQ 1568 (724.11)	20	20	0		0		20	6630
BOQ 1569 (724.11)	10	10	0		0		10	6630
BOQ 1570 (724.11)	20	20	0		0		20	6630

UIC: 67392

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
BOQ 1561 (724.11)	6	12	0		0		6	3978
BOQ 1561 (724.12)	4	8	0		0		4	2652
BOQ 1563 (724.11)	10	20	0		0		10	6630

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:

Bldg 1425:

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$390,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

UIC: 67399

Bldg 1547:

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$110,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? BEQ E5 or BEQ E1-E4 @ \$110,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1548:

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? BEQ E5 or BEQ E1-E4 @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1415:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage or Administration @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1416:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage or Administration @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1567, 1568, 1569:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Bachelor Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1570:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

UIC: 67399

Bldgs 1561:

- (1) FACILITY TYPE/CODE: bldg, 724.11/724.12
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer's Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$330,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1563:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$330,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Facilities

UIC: 67399

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	

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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	
GEOGRAPHIC BACHELOR QUARTERS 1425 (721.13)	20	25	0		0		20	6630
GEOGRAPHIC BACHELOR QUARTERS 1547 (721.13)	16	16	0		0		16	5488
GEOGRAPHIC BACHELOR QUARTERS 1548 (721.13)	28	28	0		0		28	12250
GEOGRAPHIC BACHELOR QUARTERS 1415 (724.11)	16	16	0		0		16	6630
GEOGRAPHIC BACHELOR QUARTERS 1416 (724.11)	16	16	0		0		16	6630
BOQ 1567 (724.11)	14	15	0		0		14	6630
BOQ 1568 (724.11)	20	20	0		0		20	6630
BOQ 1569 (724.11)	10	10	0		0		10	6630
BOQ 1570 (724.11)	20	20	0		0		20	6630

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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
BOQ 1561 (724.11)	6	12	0		0		6	3978
BOQ 1561 (724.12)	4	8	0		0		4	2652
BOQ 1563 (724.11)	10	20	0		0		10	6630

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:

Bldg 1425:

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$390,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1547:

UIC: 67399

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$110,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? BEQ E5 or BEQ E1-E4 @ \$110,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1548:

- (1) FACILITY TYPE/CODE: bldg, 721.13
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters.
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? BEQ E5 or BEQ E1-E4 @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1415:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage or Administration @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldg 1416:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Geographic Bachelor Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Storage or Administration @ \$135,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1567, 1568, 1569:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Bachelor Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1570:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$250,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$250,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

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Bldgs 1561:

- (1) FACILITY TYPE/CODE: bldg, 724.11/724.12
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer's Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$330,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

Bldgs 1563:

- (1) FACILITY TYPE/CODE: bldg, 724.11
- (2) WHAT MAKES IT INADEQUATE? Deficiency Codes, B26, C45, E49
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Transient Officer Quarters
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? \$330,000
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? E5 Quarters @ \$330,000.
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Seismic upgrades. No programmed funding.
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

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?

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- (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?

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e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants?
 Students: Fast Food Messhall 0500-1900, all other Messhalls 0530-0800 Breakfast, 100-1330 Lunch, 1500-1700 Dinner; Cax
 Participants: hours of operation varies and is set by the operational control CAX force.

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

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	13,829
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	84,059 Total SF	1,170,030 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	xxxxxxxxxxxxxxxxxxxxxxxx	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

⁵⁵Include 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: TAVSC: (3777) BASE LIBRARY: (28104)
- b. Provide the total seating capacity: TAVSC: (NONE) BASE LIBRARY: (100)
- 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

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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 CapabilitiesUIC: 67399**A. Expansion⁵⁶**

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 INCOMING TANK BATTALION.

TANK BATTALION: 42 OFFICERS 674 ENLISTED 27 OTHERS

EQUIPMENT

RECOVERY VEH 6 M88A1 RETRIEVER

UIC: 67399

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	**

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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

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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

**** Facilities already existing at MCAGCC would be sufficient to support new incoming battalion.**

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		**

UIC: 67399

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	17,200 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

UIC: 67399

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

**** Facilities already existing at MCAGCC would be sufficient to support new incoming battalion.**

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.

UIC: 67399

- 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 REVISION - MCAGCC TWENTYNINE PALMS

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

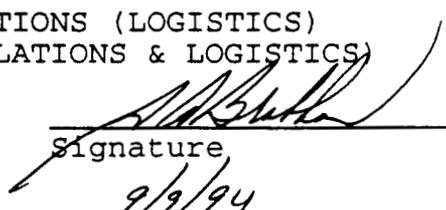
Date

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)

NAME (Please type of print



Signature

Title

9/9/94

Date

BRAC-95 CERTIFICATION

DATA CALL 22

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

22 July 94
Date

Marine Corps Air Ground Combat Center
Activity

CHANGES TO DATA CALL 22 MCAGCC TWENTYNINE PALMS

R 42,59

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

Title

Signature

Date

[Handwritten Signature]
11/3/94

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 22

ACTIVITY: MEAGLE TWENTYNINE PALMS

PAGE (S): 42, 59

BSWG REVIEW OFFICIAL

G.W. MOORE
NAME (Please type or print)

MAJOR, LONG RANGE LAND USE PLANNER
Title


Signature

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)

HEAD

Title

INSTALLATIONS

Division

I&L DIRECTORATE

Department

MCAGCC 29 PALMS, CA

Activity



Signature

26 Oct 94

Date

DATA CALL 22 PAGE CHANGES MCAGCC TWENTYNINE PALMS

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)
J.A. BRABHAM DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS of print

Signature

Title

Date

J.A. Brabham

11/28/94

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 22

ACTIVITY: MCAGCC TWENTYNINE PALMS

PAGE (S): 28, 29, 30, 30A, 31, 32, 33

BSWG REVIEW OFFICIAL

G.W. MOORE, MAJOR
NAME (Please type or print)

LONG RANGE LAND USE PLANNER
Title

G.W. Moore
Signature

28 NOV 94
Date

Document Separator

230

**ENVIRONMENTAL DATA CALL:
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

20 APRIL 1994

**BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Activities**

INDEX

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ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined as land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); *and water* (navigation channels and waters along a base shoreline) *under the control of the Navy*.

Provide a list of the tenant activities with UICs that are covered in this response.

See Attachment A.

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

1a. For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>Gopherus agassizii</i> - Desert Tortoise	Threatened	Fed & State	0	6154
<i>Buteo swainsoni</i> - Swainson's Hawk	Threatened	State	0	0

Source Citation: Natural Resources Management Plan MCAGCC 1993

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	YES
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	NO

USFWS has provided terms and conditions in two (2) Biological Opinions concerning the desert tortoise. Additionally, interim measures to avoid "take" of tortoise have been agreed to until formal Section 7 consultation can be completed. Interim measures include: Survey of potential area of construction and training areas for desert tortoise; requiring military to stay on designated roads in populated areas (reducing maneuvers); requiring camouflage netting to be placed 2 feet above the deck to keep from netting tortoises, etc..

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.
NO

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	YES
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Individual animals have been moved when they are in immediate danger from training or construction. No other actions have been taken.

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

2. WETLANDS

Note: Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

2a.

Does your base possess federal jurisdictional wetlands?	NO
Has a wetlands survey in accordance with established standards been conducted for your base?	YES
When was the survey conducted or when will it be conducted? 01 Oct 92 through 30 May 94	
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base?	0 *

* There are 11,490.45 acres of playa and 50,471.63 acres of dry washes on MCAGCC. These areas are classified as "Waters of the U.S.", I.A.W. 33 CFR 328.3(3) and are jurisdictional by the ACOE.

Source Citation: MCAGCC Wetland Management Plan - 1993

2b. If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? YES If YES, summarize the results of such modifications or constraints.

Adobe Road project, affecting less than 10 acres of Mesquite Dry Lake, required minor mitigation measures such as testing the fill material for safety to aquatic shrimp and removing old runway material from the dry lake bed.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	YES
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

There are no Historic Structures aboard MCAGCC. Approximately 3% of MCAGCC has been surveyed. Of the areas surveyed, the LAVA Petroglyph site has been nominated for inclusion to the National Register. The Lavic Encampment and Surprise Spring sites are still under investigation to determine eligibility. Other sites will be surveyed and determination made as funds are made available.

3b.

YES/NO

<p>Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.</p>	<p>YES</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

MCAGCC has voluntarily set aside approximately 2,000 acres of land until eligibility determinations can be made.

3c.

<p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p>	<p>NO*</p>
--------------------------------------------------------------------------------------------------------------------------	------------

* 1,625 acres are off limits to live-fire/maneuver due to cultural resource sites deemed eligible for the National Register of Historic Places. We anticipate another 4,750 acres be constrained due to a prehistoric Indian encampment deemed eligible by the district.

4. ENVIRONMENTAL FACILITIES

Notes: If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

Does your base have an operating landfill?					YES
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			
BLDG 2100	2 MILLION	561,754	2 MILLION	COMMERCIAL, INDUSTRIAL DEMOLITION WASTE	GOOD

¹ Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

YES. THREE:

1) Alternative Daily Cover - We are planning to use foam for daily cover instead of soil. This will require the purchase of a foam applicator but it will solve our vector problem and prolong the life of the landfill.

2) A new Groundwater Monitoring System is being planned. This will involve drilling new monitoring wells, closing some of the existing wells and contracting for the quarterly monitoring and testing.

3) We are planning a Landfill Gas Monitoring Program. This program will involve test wells/sites which will allow periodic monitoring to detect, measure and evaluate the landfills' capacity to generate landfill gas.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements. NONE.

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					YES
Facility/Type of Operation	Permitted Capacity	Ave Daily Throughput	Maximum Capacity	Permit Status	Comments
LANDFILL	2 MILLION TONS	12.6 TONS	2 MILLION TONS	CURRENT	PERMIT MOD IN PROGRESS VIOLATION - VECTORS FOAM COVER STUDY

List any permit violations and projects to correct deficiencies or improve the facility.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					YES
ID/Location of WWTP	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status	Level of Treatment/Year Built
MAINSIDE MCAGCC	6.9 MGD	1.025 MGD	2.9 MGD	ACTIVE	SECONDARY/1953
CAMP WILSON	120,000 GPD	26,000 GPD	80,000 GPD	ACTIVE	PRIMARY/1980

List permit violations and discuss any projects to correct deficiencies.

MAINSIDE FACILITY WDID 7A36070211 ORDER #93-032.

- Regional Water Quality Control Board Notice of Noncompliance dtd 20 July 1993
- Regional Water Quality Control Board Notice of Noncompliance dtd 6 August 1993.

CAMP WILSON FACILITY WDID 7A36070201 ORDER #93-031

- Regional Water Quality Control Board Notice of Noncompliance dtd 19 July 1993
- Regional Water Quality Control Board Notice of Noncompliance dtd 6 August 1993

Discussion:

Both MCAGCC facilities received their new waste discharge requirement (WDR) orders in May of 1993 and received their first annual inspections in June of 1993. The new WDRs were far more stringent in the areas of monitoring and sampling than any of the prior WDRs and as a result, during the annual inspection the next month, both facilities were found to be in non-compliance.

Following is a list of projects to correct problems:

- TP-420MS, Install Aeration Equipment, Mainside and Camp Wilson Sewage Treatment Plants
- TP-421MS, Repair/Replace Sludge Drying Beds, Mainside Sewage Treatment Plant
- TP-422MS, Replace Clarifier Effluent Line, Mainside Sewage Treatment Plant
- TP-423MS, Install Wastewater Filtration System, Mainside Sewage Treatment Plant
- TP-426MS, Repair Ponds & Infiltration basin, Camp Wilson Sewage Treatment Plant

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.
N/A

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					NO
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status

List any permit violations and projects to correct deficiencies or improve the facility.

N/A

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

NO.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?				NO	
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			

List permit violations and projects/actions to correct deficiencies or improve the facility.

NONE

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

MCAGCC does not operate a WTP.

Since the Surprise Springs aquifer is contained within MCAGCC's boundaries and MCAGCC is the sole identified user, there are no set production limits.

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO
--------------------------------------------------------------------------------------------------	----

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

The basic requirements are those of the state's program. MCAGCC has met all deadlines, and is in full compliance with California's current requirements.

4l.

Does your base have bilge water discharge problem?	NO
Do you have a bilge water treatment facility?	NO

Explain:

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	YES
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

The proposal to regulate ordnance storage and disposal under RCRA, would constrain MCAGCC training operations. Proposal regulation could require MCAGCC to obtain RCRA Treatment, Storage and/or Disposal permit for range clearance operations which is an estimated 60 man/years and over \$2.0 million in permit and process application. Could regulate unexploded ordnance as soon as it is discovered on range and require immediate cleanup of 932 sq. mile facility. Training to include, firing from all conventional weapons and training of disposal of ordnance in a war-time environment scenario, all have the potential of being regulated.

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

NONE

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

YES, the WWTP is at design and facility capacity.

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located?

MCAGCC is located in the Mojave Desert Air Quality Management District.

Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs?

There are no other base properties in separate Districts.

5b. For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

Site: MCAGCC, TWENTYNINE PALMS (entirety) AQCA: _____

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	XXX				
Ozone		XXX		2007	SEVERE 17
PM-10		XXX		NONE	MODERATE
SO ₂	XXX				
NO ₂	XXX				
Pb	XXX				

¹ Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

² Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

5c. For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, NO_x, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	10	27	653	2	692
NO _x	15	4.5	148	6	173.5
VOC	2	2.4	214	1	219.4
PM10	2	3.3	82	1	88.3

Source Document: 1990 MCAGCC Criteria Pollutant Inventory with Aircraft data from 1992.
Totals reflect estimates based upon engineering factors for emissions and should be considered accurate +/- 25%. Personal Auto data based upon estimates of auto driven to work as follows:

12,500 auto per week
Five (5) miles driven per auto per day
Average speed = 25 mph
Workdays per year = 260

Emissions Factors for autos (Source from the California Mobile Fleet Study, 1994, Table II, B-4)

CO 7.62 grams per mile
NOx 1.23 grams per mile
VOC 0.66 grams per mile
PM10 0.92 grams per mile (includes tire wear)

Calculation:

$12,500 \times 5 \times \text{Emission Factor} \times 260 =$

CO 54,600 pounds per day (lbs/day)
NOx 9,000 lbs/day
VOC 4,680 lbs/day
PM10 6,500 lbs/day

Aircraft Emissions are based on takeoff and landing (TO/L) cycles for 1992. The following assumptions were made concerning the types of the aircraft involved (by the AGSE Operations Officer, MCAGCC):

TOTAL TO/L CYCLES = 43,262

FIXED WING AIRCRAFT ROTARY WING AIRCRAFT

F-18 = 45%	Light Helo = 40%
AV-8B = 45%	Medium Helo = 30%
C-130 = 5%	Heavy Helo = 30%
Other = 5%	

**Total Emission by aircraft type were calculated by multiplying 1993 totals (based upon 26,535 TO/L cycles - see 5.d. below) by 1.63 to equal 1992 totals (43,262).

***Aircraft Emissions Factors source from the South Coast Air Quality Management District Technical Report 111-G, 1991.

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	10	27	401	1.5	439.5
NOx	15	4.5	91	5.7	116.2
VOC	2	2.4	131	.5	135.9
PM10	2	3.3	51	.4	56.7

Source Document: EXTRAPOLATION FROM 1992 MCAGCC CRITERIA POLLUTANT INVENTORY WITH RAW DATA FOR 1993 AIRCRAFT. TOTAL IS AN ESTIMATE.

Aircraft Air Emissions Estimates - 1993
Pounds of Pollutant from TO/L Cycles

AIRCRAFT	CO	NOx	VOC	PM10
F-18	277,127	74,983	95,222	29,492
AV-8B	334,081	49,073	57,611	41,969
C-130	21,455	6,365	13,466	2,891
Other Fixed	61,261	12,730	58,132	21,879
Light Helo	8,226	6,315	13,427	N/A
Medium Helo	56,596	16,437	13,492	1,632
Heavy Helo	43,024	21,373	10,945	3,224
TOTALS	801,770	187,276	262,295	101,087

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

PM-10 emissions are expected to decrease during the next six years due to dust suppression on unpaved roads and revegetation of disturbed soil. A preliminary estimate of decrease is expected to be 30%. An on-going PM-10 study will provide refined estimates and courses of action.

VOC emissions are expected to decrease with the industry - with reformulation of paints and solvents, as well as MCAGCC pollution prevention efforts. A preliminary estimate of the decrease is 25%.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

MCAGCC is located within the portion of the Mojave Desert Air Quality Management District (MDAQMD) which is federally and state non-attainment for both Ozone and PM-10.

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

No base operations or functions have been restricted or delayed because of air quality considerations beyond minimal impacts such as individual gas station pumps being closed until new gasoline vapor recovery tubes were procured.

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

MCAGCC does not have any emission reduction credits or any offset requirements, but major new sources of air pollution will require offsets and use of Best Attainable Control Technology (BACT) to mitigate emissions.

6. ENVIRONMENTAL COMPLIANCE

- 6a. Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c. For the last two columns provide the two year totals for those FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
Air	4/94	525	1,239	916	928	1,515	1,233
Hazardous Waste	4/94	1,991	1,773	1,398	1,599	1,566	2,134
Safe Drinking Water Act	4/94	106	466	286	356	412	312
PCBs	4/94	175	100	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	4/94	280	320	320	240	130	50
Lead Based Paint	4/94	0	0	0	0	0	0
Radon	4/94	0	0	0	0	0	0
Clean Water Act	4/94	2,613	3,198	1,390	195	1,010	16,105
Solid Waste	4/94	185	100	60	125	1,120	2,085
Oil Pollution Act	4/94	160	100	60	160	230	0
USTs	4/94	1,481	834	40	195	100	0
Other	4/94	2,122	2,310	1,875	1,890	2,676	4,130
Total		9,638	10,400	6,345	5,688	8,759	26,049

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

PROJECTS	TOTAL COST	START	COMPLETION
AIR			
DUST COLLECTION/ CONTROL SYSTEM	100K	2/94	6/94
INSTALL PAINT BOOTH FILTER	105K		
ODS REPLACEMENT CONTRACTS	1000K	3/93	9/95
RIDESHARE SURVEY	111K	10/95	
CLEAN AIR ACT CONFORMITY STUDIES	610K	10/94	10/01
AMBIENT AIR MONITORING	1,167K	10/94	
PARTICULATE MATTER ABATEMENT STUDY	680K	10/94	
TRAINING AIR QUALITY PROGRAM	66K	10/95	
CAA TITLE V PERMIT PREPARATION	200K	10/94	
SOIL STABILIZATION	1,158K	10/94	
UPGRADE/REPL OF BAR 90 SMOG ANALYZERS	60K	10/94	
CONVERT GENERATORS TO CLEAN BURN FUEL	200K	10/94	5/96
DUST TEST (DRT RDS)	50K	8/94	6/95
REVEGATATION TEST SITE	50K	8/94	7/94
TANK TRAIL/REVEG TEST	30K	8/94	6/94
REPAIR WASTE GAS SYSTEM	200K	8/94	6/99
DUST PREVENTION PROJECT	300K	8/95	
REVEGATATION PROJECT	50K	8/95	
HAZARDOUS WASTE			
DISPOSAL OF GRADE III TRAINING RESIDUE	760K	10/93	1/94
REPAIR HWAA STORAGE	180K		
REMOVAL WASTE OIL PIPES	87K		
LANDFILL GAS MONITORING	111K	ANNUAL	
INSTALLATION OF WASTE OIL TANKS	90K	5/96	
POSITION TO MANAGE THE HW AT EAP	294K	10/94	
HAZ STORAGE FOR ENHANCED EAP	128K	3/98	
HAZWASTE CENTRIFUGE	23K		
3-5K TANKS HWAA	50K		
HAZMAT EQUIP	800K	ANNUAL	
HAZWASTE DISPOSAL	7,200K		
SAFE DRINKING WATER			
REPR/CORR ILLICIT CONNECTION TO SW SYSTEM	560K	8/95	9/96
EROSION CONTROL STUDY	100K	7/94	1/95
DRINK H2O MTR	448K	8/94	
SECONDARY DRINKING H2O	2,600K	10/96	9/02
PCBS			
PCB STORAGE FACILITY	40K	11/94	11/94
CERTIFY PCB TRANSFER	35K	9/94	7/94
PCB TRANSFER REPLACE	200K	9/94	10/95
OTHER NON PCBS			
REVISION SPCC/SPC/PCB/ASBESTOS PLAN	325K	3/93	
ASBESTOS REM DESIGN	320K	8/94	8/99
ASBESTOS SURVEY	695K	7/94	10/97

CLEAN WATER

REPR/REPL/CONSTR STORMWATER	440K	6/95 - 9/98
REPAIR/REPL SLUDGE DRYING BEDS	378K	4/94 - 8/96
REPAIR/REPL CLARIFIED EFFLUENT LINE WWTP	210K	3/95 - 3/96
INSTALL WASTE WATER FILTRATION SYSTEM	1,600K	3/95 - 3/96
REPAIR OXIDATION BASINS	250K	3/95 - 4/95
INSTALL AERATORS AT WWTP	250K	3/95 - 10/95
CONSTRUCT/REPAIR FENCE MSIDE	300K	10/94
100 YEAR WATER PLAN	300K	6/95 - 10/96
WWTP METH REPAIR	80K	5/94 - 6/95
STORM H2O MONITOR	275K	8/94
GROUNDWATER MOVEMENT OVER THE TRANSVERSE ARCH	50K	7/94 - 1/95
GROUNDWATER MOVEMENT BTWN MESQUITE AND SURPRISE SPRINGS BASINS	30K	7/94 - 1/95
WELL SITE MAPPING REV	90K	7/94
EROSION CONTROL STUDY	50K	7/94 - 1/95
DEVELOP QA/QC MANUAL	100K	6/94 - 9/94
NEW WWTP	16,900K	10/97 - 9/02

SOLID WASTE

LANDFILL H2O MONITORING	545K	9/94
LANDFILL PERIODIC SITE REVIEW	200K	5/94
SOLID WASTE MGMT PLAN	105K	- 1/94
LANDFILL CLOSURE (PRE)	2,800K	10/97 - 9/02

OIL POLLUTION ACT

UPGRADE UNDERGROUND PIPING FOR ASTS	100K	9/94 - 9/94
AST INTEGRITY TESTING	280K	10/94
OWS 1214F	30K	10/94 - 10/95
OWS 1930F	30K	10/94 - 10/95
AST UPGRADE	100K	10/96 - 9/99

USTS

UST TANK M&M	155K	10/94
UST UPGRADE BLDG 2044	90K	10/94
UST UPGRADE BLDG 1929	30K	10/94
UST UPGRADE BLDG 1816	75K	10/94
UST UPGRADE BLDG 1206	60K	10/94
UST UPGRADE BLDG 1138	25K	10/94
UST UPGRADE BLDG 1077	25K	10/94
UST UPGRADE BLDG 2024	50K	10/94
PROCUREMENT OF ASTS	90K	10/94
AST/UST PIPES	100K	
CLEANUP 2 USTS	70K	7/94
UST TEST/REPAIR	20K	5/94
2ND CONTAIN FOR EAF TAFDA	1610K	6/94 - 1/95
REMOVE UST'S	250K	10/95 - 10/99

OTHER

HAZMAT PROCESS	630K	10/94 - 10/2001
NREA LABOR	8,816K	10/94 - 10/2001
TRAVEL/TRAINING	333K	10/94 - 10/2001
NREA OPS	2,800K	10/94 - 10/2001
BIO TESTING	2,450K	05/94 - 10/2001
ASSESS & CLEAN OF FIELD	360K	04/94 - 06/94
LABS	600K	04/94 - 10/2001
PERMITS/FEES	1,205K	10/94 - 10/2001

R

UIC: 67399

6b.

Does your base have structures containing asbestos?

MCAGCC HAS ASBESTOS CONTAINING BUILDINGS

What % of your base has been surveyed for asbestos? 60%

Are additional surveys planned?

Yes, over the next four years.

What is the estimated cost to remediate asbestos?

Estimated that \$400K annually for surveys and approximately \$750K for abatement.

Are asbestos survey costs based on encapsulation, removal or a combination of both?

COMBINATION

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source. *in 1000's*

Funding Source	FY199 2	FY199 3	FY199 4	FY199 5	FY199 6	FY199 7	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)								
Other (specify)	2425	2231	2636	2678	2875	2875	3200	3200
TOTAL:	2425	2231	2636	2678	2875	2875	3200	3200

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO

6b.

Does your base have structures containing asbestos?

MCAGCC HAS ASBESTOS CONTAINING BUILDINGS

What % of your base has been surveyed for asbestos? 60%

Are additional surveys planned?

Yes, over the next four years.

What is the estimated cost to remediate asbestos?

Estimated that \$400K annually for surveys and approximately \$750K for abatement.

Are asbestos survey costs based on encapsulation, removal or a combination of both?

COMBINATION

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source. N/A

Funding Source	FY199 2	FY199 3	FY199 4	FY199 5	FY199 6	FY199 7	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)								
Other (specify)								
TOTAL:								

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site ¹	Groundwater Contaminated ?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
1	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
2	CERCLA	NO	NO	NO	\$.06M 9/97	RA-BV TDAT
3	CERCLA-EXCL	NO	NO	NO	\$.23M 9/97	RA-BV TDAT
4	CERCLA	NO	NO	NO	\$.37M 6/95	RA-SR, LF TDAT
5	CERCLA	NO	NO	NO	\$.20M 6/95	RA-BV-LF TDAT
6	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA

¹ Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
7	CERCLA	NO	NO	NO	\$.60M 2/95	RA-SR
8	CERCLA	NO	NO	NO	\$.70 9/97	RA-SR,BV-LF TDAT
9	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
10	CERCLA- EXCL	NO	NO	NO	\$.02M 2/95	AM/NFA
11	CERCLA	NO	NO	NO	\$.12M 7/95	RD-BIOHEAP
12	CERCLA- EXCL	NO	NO	NO	\$.02M 2/95	AM/NFA
13	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
14	CERCLA	NO	NO	NO	\$1.38M 7/95	ESI/RSE
15	CERCLA	NO	NO	NO	\$.08M 9/01	LONG TERM MONITORING (ANNUAL \$)
16	CERCLA	NO	NO	NO	\$.01M 9/01	ESI/RSE
17	CERCLA- EXCLA	NO	NO	NO	\$.70M 9/97	RD-BV TDAT
18	CERCLA	YES	NO	NO	\$.57M 9/97	RA-BV/GW TDAT
19	CERCLA- EXCLA	NO	NO	NO	\$.02M 2/95	AM/NFA

¹ Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
20	OTHER	NO	NO	NO	0	NO CHEMICAL HAZARD OSP PHYSICAL SAFETY ONLY
21	CERCLA	NO	NO	NO	\$.46M 6/95	RA- REMOVAL- BIOHEAP
22	CERCLA	NO	NO	NO	\$.70M 9/97	RA-BV TDAT
23	CERCLA	NO	NO	NO	\$.20M 6/95	RA-SR
24	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
25	CERCLA	NO	NO	NO	\$.37M 6/95	RA-LF TDAT
26	CERCLA	NO	NO	NO	\$.07M 2/95	AM/NFA
27	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
28	CERCLA	NO	NO	NO	\$.02M 2/95	AM/NFA
1065	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1138	UST	YES	NO	NO	\$1.31M 4/97	RA-BV NAS
1400	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1420	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT

¹ Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
1440	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1559	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1573	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1630	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
1851	UST	NO	NO	NO	\$.19M 9/97	RA-BV TDAT
2001	UST	NO	NO	NO	\$.09 8/95	RD - REMOVAL BIOHEAP
2041	UST	NO	NO	NO	\$.08M 8/95	RD-REMOVAL BIOHEAP
1116	CERCLA	NO	NO	NO	\$.22M 8/95	ESI/RSE SR
1132	CERCLA	NO	NO	NO	\$.18M 9/96	ESI/RSE BV TDAT
1816	CERCLA	NO	NO	NO	\$.10M 12/94	ESI/RSE AM/NFA
1910	CERCLA	NO	NO	NO	\$.10M 12/94	ESI/RSE AM/NFA
1948	CERCLA	NO	NO	NO	\$.22M 8/95	ESI/RSE SR
1974	CERCLA	NO	NO	NO	\$.18M 9/96	ESI/RSE BV TDAT
2011	CERCLA	NO	NO	NO	\$.22M 8/95	ESI/RSE REMOVAL BIOHEAP
2316	CERCLA	NO	NO	NO	\$.29M 8/95	ESI/RSE SR
2405	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA

¹ Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
2423	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2450	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2451	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2452	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2453	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2454	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2455	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2456	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
2460	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
3801	CERCLA	NO	NO	NO	\$.10M 12/94	ESI/RSE AM/NFA
EAF AWA	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
VSTOL	CERCLA	NO	NO	NO	\$.02M 9/94	AM/NFA
MS DRAIN	CERCLA	NO	NO	NO	\$.02M 12/94	AM/NFA
EAF DRAIN	CERCLA	NO	NO	NO	\$.02M 12/94	AM/NFA
GC DRAIN	CERCLA	NO	NO	NO	\$.02M 12/94	AM/NFA

STATUS ABBREVIATIONS

AM/NFA: ACTION MEMORANDUM/NO FURTHER ACTION

BV: BIOVENTING

ESI/RSE: EXTENDED SITE INVESTIGATION/REMOVAL SITE EVALUATION

EXCL: CERCLA EXCLUSION (PETROLEUM, PESTICIDE APPLICATION)

LF: LAND FARM

NAS: NATURAL ATTENUATION STUDY FOR GROUNDWATER CLEANUP

OSP: ORDNANCE SUPPLY POINT

SR: SOURCE REMOVAL

TDAT: TECHNOLOGY DEMONSTRATION OF ALTERNATIVE TECHNOLOGY

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

NO.

7d.

Is there a groundwater treatment system in place?	YES
Is there a groundwater treatment system planned?	YES

State scope and expected length of pump and treat operation.

Site 18 will use contaminated groundwater for bioventing application, treating both soil water expected cleanup completion 9/97.

Site 1138 groundwater will use technology demonstration of natural attenuation, utilization of nature, to degrade petroleum.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
----------------------------------------------------------------	-----

Converted to supplemental PA, due to MCAGCC is not a RCRA facility.

7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

No, DSSC currently has cement slabs for containment and overhead cover only.

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

No, individual SAA's and 90 day storage area have secondary containment, restrict access; allow for segregation of non-combustibles. There are three projects on-going, which will provide overhead cover, fence, and cement slabs for containment and segregation of non-combustibles.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

Yes, Auto Hobby Shop, monitoring well abandonment 8/94 completion.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	NO
--------------------------------------------------------------------------------------------------------------	----

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations? No

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions.

N/A.

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
MAIN BASE	3840	ONBASE
RANGES	592,640	ON BASE
REMOTE ANTENNA	.26	COPPER MTN
OFF BASE HOUSING	100	LEASE CITY 29 PALMS

8b. Provide the acreage of the land use categories listed in the table below:

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		6760
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 11,490.45 *
		All Others: 7654
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		577812.09
Total Undeveloped land considered to be without development constraints		561341.8
Total Off-base lands held for easements/lease for specific purposes		274.85
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	482.83
	HERF	0
	HERP	1.03
	HERO	288.85
	AICUZ	14,049.58
	Airfield Safety Criteria	1,648
	Other	

* There are 11,490.45 acres of playa and 50,471.63 acres of dry washes on MCAGCC. These areas are classified as Waters of the U.S.", I.A.W. 33 CFR 328.3(3) and are jurisdictional by ACOE.

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. 592,640

8d. What is the date of your last AICUZ update? 1992 Are any waivers of airfield safety criteria in effect on your base? NO Summarize the conditions of the waivers below.

8e. List the off-base land use *types* (e.g, residential, industrial, agricultural) and *acreage* within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
RESIDENTIAL OPEN	921.6	RESIDENTIAL /OPEN	COMPATIBLE

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

N/A

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
N/A					

8g. Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth.

N/A

8h. N/A

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	
Are the dredged materials considered contaminated? List known contaminants.	

8i. List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

N/A

8j. Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

N/A

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	NO
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

N/A

9. WRAPUP

9a. Are there **existing or potential environmental showstoppers** that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

Compliance with the pollution reduction requirement of Executive Order (EO) 12856. EO 12856 mandates that Federal Agencies reduce release and off-site transfers of listed chemicals used in quantities over 10,000 pounds to 50% of 1994 quantities by Dec 1999. Most of the listed chemicals which are used in large canthus are directly associated with training, achieving the 50% reduction will adversely impact our training mission.

9b. Are there any **other environmental permits** required for base operations, include any relating to industrial operations.

AIR - 83

UST/AST - 13

LANDFILL - 3

WATER - 2

HW/HM - 10

9c. Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections.

Candidate species becoming listed as endangered would require additional surveys to find population counts for consultation and protective measures such as described in 1b above.

9d. List **any future/proposed laws/regulations or any proposed laws/regulations** which will constrain base operations or development plans in any way. Explain.

Proposed ordnance storage/Disposal regulations may/will force MCAGCC into RCRA facility losing our training exemption for handling dud and unserviceable ordnance. Please refer to question 4m above for more details.

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	
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
MC COMM-ELEC PERMANENT STUDENT	67399	51 22	530 1223	83

Attachment A-1

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).

N/A

TENANTS (OTHER THAN THOSE IDENTIFIED PREVIOUSLY)

TENANT COMMAND NAME	UIC	LOCATION	OFFICER	ENLISTED	CIV
NAVAL INVESTIGATIVE SERVICE	43927	BLDG 1031			10
NAV FAC ENG COM SWDIV	44265	BLDG 1138T1 AND 1138T2	2	1	18
HUMAN RESOURCES OFFICE	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 (2)
BURGER KING		BLDG 1081			25

Attachment A-2

CHAPMAN UNIVERSITY		BLDG 1526S			5
COLLEGE OF THE DESERT		BLDG 1526N			3
DOMINOS		BLDG 1519		11 (1)	18
FLOWER GARDEN		BLDG 1533			2
MC WEST FEDERAL CREDIT UNION		BLDG 1515			8
MARJAC		BLDG 1533			2 (2)
NATIONAL UNIVERSITY		BLDG 1526S			4
NAVY/MC RELIEF SOCIETY		BLDG 1437S			4
PAUL BLUEFIRE		BLDG 1533			2 (2)
SAN DIEGO CHILDRENS HOSPITAL		BLDG 1437			9
SCHEDULED AIRLINES TICKET OFFICE		BLDG 1406 AND 1863			4
SOIL CONSERVATION SERVICE		BLDG 1447			1
SUBWAY		BLDG 1517		1 (1)	18
UNITED TRAINING CENTER		BLDG 1526 AND BLDG 1526S			2
UNITES STATES POSTAL SERVICE		BLDG 1512			8

- (1) OFF DUTY EMPLOYMENT
- (2) MARINE CORPS CONCESSIONAIRES

Attachment A-3

BRAC-95 CERTIFICATION

DATA CALL 33

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

29 June 94
Date

Marine Corps Air Ground Combat Center
Activity

DATA CALL 33
MCAGCC 29 PALMS, CA

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

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

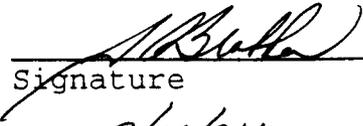
I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

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

Title



Signature

9/16/74

Date

2

DATA CALL 33 PAGE CHANGE, MCAGCC 29 PALMS

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

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

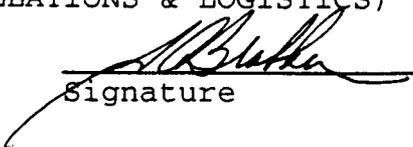
Activity

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 of print
INSTALLATIONS AND LOGISTICS



Signature

Title

Date

R

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 33

ACTIVITY: MAGCC TWENTYNINE PALMS

PAGE (S): 20

BSWG REVIEW OFFICIAL

G.W. MOORE, MAYOR
NAME (Please type or print)

LONG RANGE LAND USE PLANNER
Title

BASED ON ACTIVITY ACTION OFFICER CERT

JW Moore
Signature

21 DEC 94
Date