DCN 766

10

MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION: MCAS YUMA M62974

Category ..... Operational Support
Sub-category ..... Operational and Reserve Air Stations
Types ..... Navy and Marine Corps Operational and Reserve Air Stations and Facilities

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

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

W. H. HANSEN, Col, U.S. MARINE CORPS
NAME (Please type or print)

Signature

Commanding Officer
Title

Date 13 June '94

Marine Corps Air Station, Yuma
Activity

Data Call #38

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

MajGen P. D. WILLIAMS
NAME (Please type or print)

Signature

Commander
Title

16 Jun 94
Date

Marine Corps Air Bases, Western Area
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

Signature

7/29/94
Date

AIR STATION	TITLE	LOCATION
AIR STATION	NORFOLK	NORFOLK, VA
AIR STATION	JACKSONVILLE	JACKSONVILLE, FL
AIR STATION	OCEANA	VA BEACH VA
AIR STATION	KEY WEST	KEY WEST FL
AIR STATION	BRUNSWICK	BRUNSWICK ME
NAS/MCAS	MIRAMAR	SAN DIEGO CA
MC AIR STATION	CHERRY POINT	CHERRY POINT NC
MC AIR FACILITY	KANEOHE BAY	KANEOHE BAY HI
MC AIR STATION	YUMA	YUMA AZ
MC AIR STATION	BEAUFORT	BEAUFORT SC
MC AIR STATION	NEW RIVER JAX	JACKSONVILLE NC
MC AIR STATION	CAMP PENDLETON	CP PENDLETON CA
AIR STATION	NORTH ISLAND	SAN DIEGO CA
AIR STATION	WHIDBEY ISLAND	OAK HARBOR WA
AIR STATION	LEMOORE	LEMOORE CA
AIR STATION	FALLON	FALLON NV
AIR STATION	ADAK	ADAK AL
AIR FACILITY	EL CENTRO	EL CENTRO CA
RESERVE AIR STATION	S. WEYMOUTH	S. WEYMOUTH MA
RESERVE AIR STATION	NEW ORLEANS	NEW ORLEANS LA
RESERVE AIR FACILITY	WASHINGTON	WASHINGTON D.C.
RESERVE AIR STATION	ATLANTA	ATLANTA GA
RESERVE AIR STATION	FORT WORTH	FORT WORTH TX
RESERVE AIR STATION	WILLOW GROVE	WILLOW GROVE PA
NAVAL STATION	MAYPORT	JACKSONVILLE FL
NAVAL STATION	ROOSEVELT ROADS	ROOSEVELT ROADS PR

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Mission Requirements

1. List the types and number of transient aircraft/detachments supported at this air station during FY 93 and describe the training and/or military missions conducted by these aircraft while stationed here. If supporting transient aircraft/detachments is a major mission, attach detailed schedules for the 1st & 2nd quarters FY 94.

Table 1.1 Transient Aircraft

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
TRANSIENT AIRCRAFT	Due to the nature of "transient aircraft" it is impossible to determined their frequency or primary mission by MCAS Yuma. Support provided to these aircraft consists of parking, refueling, minor maintenance and launching.
A-4	43
AH-1	254
BONANZA	1
C-9	51
C-130	330
CHEYENNE	23
CH-53	172
E-3	2
F-14	30
F-18	1027
H-3	7
HU-25	1
L-1011	3
MI-8	3

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
OV-10	27
PIPER	1
T-37	10
T-44	2
VC-6	1
737	8
H-21	1
AV-8	73
BE-90	1
C-12	445
C-141	26
CH-46	171
DC-10	3
EA-6B	56
F-15	18
F-86	3
H-60	47
KC-10	42
LEAR	3
MI-24	3
OH-58	9
T-2	10
T-38	28
T-45	4

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
VC-10	2
747	2
A-6	29
A-10	4
C-5	21
C-20	3
CESSNA	3
CH-47	3
E-2	13
F-5	2
F-16	12
H-2	9
H-65	1
KC-135	2
MU-2	5
MIG-15	2
P-3	11
T-34	29
T-39	52
UH-1	123
727	1 TOTAL AIRCRAFT 3268
DETACHMENT AIRCRAFT	# AIRCRAFT / MISSION / FREQUENCY (ANNUALLY)

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
EA-6B VMAQ-2	2 / SQUADRON TRAINING / 1
F-18 VMFAT-101	64 / SQUADRON TRAINING / 6
F-18 VMFA-112	9 / SQUADRON TRAINING / 1
F-18 VMFA-451	11 / SQUADRON TRAINING / 1
F-18 VMFA(AW)-242	3 / SQUADRON TRAINING / 1
F-18 VMFA-314	4 / SQUADRON TRAINING / 1
A-4M VMA-131	10 / SQUADRON TRAINING / 1
EA-6B VMAQ-3	3 / SQUADRON TRAINING / 1
KC-130 VMGR-452	5 / SQUADRON TRAINING / 1
F-18 VFA-303	8 / SQUADRON TRAINING / 1
F-14 VF-41	1 / SQUADRON TRAINING / 1
F-18 VMFA-142	19 / SQUADRON TRAINING / 1
AH-1W HMLA-367	4 / SQUADRON TRAINING / 1
UH-1N HMT-303	22 / SQUADRON TRAINING / 3
AH-1W HMT-303	26 / SQUADRON TRAINING / 3

Types of Aircraft/Unit Name/T/M/S	Description of Frequency, Quantity and Primary Mission
H-46D HC-3	2 / SQUADRON TRAINING / 1
CH-53E HMH-462	19 / SQUADRON TRAINING / 2
CH-53E HMH-363	4 / SQUADRON TRAINING / 1
F-18 VMFA-142	19 / SQUADRON TRAINING / 1
UH-1N HMLA-169	11 / SQUADRON TRAINING / 2
AH-1W	9 / SQUADRON TRAINING / 1
UH-1N HMLA-767	4 / SQUADRON TRAINING / 1
UH-1N HMLA-776	4 / SQUADRON TRAINING / 1
CH-46 HMM-163	4 / SQUADRON TRAINING / 1
CH-46 HMM-166	7 / SQUADRON TRAINING / 1
CH-46 HMX-1	1 / SQUADRON TRAINING / 1
AH-1W MAG-39 UH-1N	18 / SQUADRON TRAINING / 1 12
C-130 MAG-46 F-18 A-4M CH-46 UH-1 OV-10	9 / EXERCISE HIGH ROLLER / 1 10 112 10 7 3
F-18 MAG-11	23 / EXERCISE SCORPION WIND / 1

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
A-4M NAVFIT- WEPSCHOL F-5 F-14 F-16 F-18	24 / TOPGUN / 18 6 11 24 19
F-14 MAWTS- 1 AV-8 C-130 EA-6B AH-1W UH-AN CH-46 CH-53 F-18 OV-10	1 / WTI / 2 21 8 3 19 17 34 17 20 3
F-154 57TH WPNS WING	8 / SQUADRON TRAINING / 1
	1ST AND 2ND QUARTERS FY-94 SCHEDULE
UNIT	BASE / DATES / # / TYPE AIRCRAFT
WTI 1-94	YUMA / 15 SEP-12 NOV / 90 / MIXED ACFT
VMFAT-101	EL TORO / 8-26 NOV / 10 / F-18
HMLA-367	CAMPEN / 13-23 NOV / 8 / AH-1, 6 / UH-1 & 2 / CH-46
VMGR-234	GLENVIEW / 15-19 NOV / 2 / C-130
TOPGUN	MIRAMAR / 27-29 NOV / 20 / MIXED ACFT
MAG-11	EL TORO / 29 NOV-17 DEC / 30 / F-18, 4 / C-130, 3 / EA-6B & 12 / AV-8B

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
4TH MAW	MAG-46 / 8-23 JAN / 30 MIXED, 2 / C-130
4TH MAW	MAG-46 / 23 JAN-5 FEB / 24 MIXED, 8 / C-130
HMH-361	TUSTIN / 24-28 JAN / 4 / CH-53D
VMFAT-101	EL TORO / 30 JAN-11 FEB / 10 / F-18
TOPGUN	MIRAMAR / 31 JAN-18 FEB / 20 / MIXED ACFT
HMT-303	CAMPEN / 5-18 FEB / 2 / AH-1 & 12 / UH-1
VMFA-242	EL TORO / 6-9 FEB / 3 / F-18
HMM-161	TUSTIN / 7-18 FEB / 8 / CH-46
WTI 2-94	YUMA / 21 FEB-15 APR / 90 / MIXED

2.a. List the training ranges (including land areas used for tactical or infantry training), outlying airfields, auxiliary airfields and airspace that are actively managed (scheduled or controlled) by the air station.

Table 2.1 Training Management

Managed Training Assets	Management Role
R-2507 H, R-2507 N/LOW, R-2507 S/LOW, MOVING SANDS, CACTUS WEST, AUX-2 AND R-2301 WESTHIGH/LOW	MCAS Yuma is the scheduling activity and provides Range Control and ATC services for aircraft utilizing the area. Range Management maintains the targets, coordinates explosive ordnance disposal, ensures environmental policy is enforced, and coordinates ground activities with Yuma Range Scheduling.
R-2301 WEST LOW	Range Management maintains the targets, ensures environmental policies are enforced, and coordinates ground activities with Yuma Range Scheduling.

Managed Training Assets	Management Role
R-2510, R-2512, ABEL N/S MOA/ATCAA, ABEL BRAVO MOA/ATCAA, ABEL EAST MOA, DOME MOA/ATCAA, QUAIL MOA/ATCAA, TURTLE MOA/ATCAA, IMPERIAL NORTH ATCAA, IMPERIAL SOUTH ATCAA, KANE WEST MOA, KANE EAST MOA/ATCAA, SPIN AREA	Range Scheduling Activity, and Air Traffic Control Services.
R-2306 A, B, C, D, & E, R-2308 A, B, & C , R-2307	MCAS Yuma is the scheduling activity and provides Range Control and ATC services for aircraft utilizing the area.
Holtville Airport	ATC Yuma schedules use of Holtville with Imperial County Airport Authority.
Rolle Airfield	ATC Yuma schedules use of Rolle Airfield with Yuma County Airport Authority.
Pistol & Rifle Range	Complete management and operations.

2.b. List other candidate installations (DoD and non-DoD) that could be considered for performing these management duties.

NONE.

Table 2.2 Other Installations

Installation	Agency	Reason for Consideration

General Military Support

3.a. Does this air station directly support a military or civilian area control and surveillance mission (i.e., FACSFAC, FAA support)? If so, provide details of your level of support.

Yes. MCAS Yuma is a Terminal Air Traffic Control Facility on par with FAA's San Diego Terminal Air Traffic Control Facility as a full participant in the National Airspace System. We are a joint use facility that provides terminal and en route air traffic control services to Military, General Aviation, Commercial Aviation, and Law Enforcement agencies. MCAS Yuma participates in exercises that test the integrity of the southwestern U. S. airspace, preserve air sovereignty, and detection and monitoring of drug smugglers.

3.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

The mission requirements for MCAS Yuma are expected to increase in the future. Civilian and military air traffic is increasing through our sector and this is expected to continue.

3.c. List all other installations (DoD and Non-DoD) that could potentially support this mission.

The en route mission could be handled by Los Angeles Center however, they do not have the low altitude radar coverage to provide the level of services currently provided by MCAS Yuma. The inadequacy of their radar coverage would have the potential for catastrophic effects on the air traffic arriving and departing Yuma.

4.a. Describe the role this air station plays in the Logistics Support and Mobilization Plan (LSMP)? NONE.

4.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same? N/A

4.c. List all other installations (DoD and Non-DoD) that could potentially support this

mission.
N/A

5. List any other military support missions currently conducted at/from this air station (i.e., port of embarkation for USMC personnel).

MCAS Yuma is an essential point of embarkation and debarkation for USMC personnel TAD to MAWTS-1 for the WTI course and permanent MAWTS-1 personnel conducting the MAWTS-1 mission. MCAS Yuma is also the point of embarkation for 2d LAAM Bn. Movement of the entire 2d LAAM Bn, personnel and equipment, would entail the use of over 140 Air Mobility Command (AMC) aircraft. Additionally, MCAS Yuma is the point of embarkation for all MAG-13 flying squadrons. With the addition of the two Wilson Loaders at air freight, MAG-13 can utilize any type of aviation transport assigned from MCAS.

6. Are any new military missions planned for this air station?

There are no new military missions planned for MCAS Yuma, however, there will be an expanded mission connected with 2d LAAM Bn being redesignated 1st LAAM Bn and becoming a "Corps" asset. This will impact on MCAS Yuma due to the placement of one additional HAWK missile firing battery at MCAS Yuma. Decommissioning of MATCS-38 DET A into the ATC element of MACS-7 could pose various changes in mission requirements for MACS-7.

7.a. List all ground combat or special operations units (not previously mentioned in your Capacity Data Call)that train at, operate from, or mobilize to this air station.

Table 7.1 Ground Combat or Special Operations Units

Ground Unit	Training Function / Facilities Used
2d LAAD Bn	WTI, LIVE FIREX / R2310W, ALL STATION FACILITIES
3d LAAD Bn	WTI, LIVE FIREX, MCCRES / R2301W, ALL STATION FACILITIES
4th LAAM Bn	WTI, LIVE FIREX, MCCRES / R2301E/W, ALL STATION FACILITIES
COMSPECWAR -GRU-ONE	R2507N, SWAT 4 & 5, DESERT TRAINING

7.b. List all other operational units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.2 Other Units

Operational Unit	Training Function / Facilities Used
MACS-1	WTI / R2301W, ALL STATION FACILITIES
MACS-5	WTI / R2301W, ALL STATION FACILITIES
VMGR-252	TACTICAL LANDING ZONE OPERATIONS / AUX 2 & HOLTVILLE AIRFIELDS
VMGR-352	TACTICAL LANDING ZONE OPERATIONS / AUX 2 & HOLTVILLE AIRFIELDS
VMGR-452	TACTICAL LANDING ZONE OPERATIONS / AUX 2 & HOLTVILLE AIRFIELDS
VMAQ-2	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFAT-101	SQUADRON TRAINING 6 TIMES YEARLY / ALL STATION FACILITIES
VMFA-112	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFA-451	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFA(AW)-242	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFA-314	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMA-131	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMAQ-3	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMGR-452	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES

Operational Unit	Training Function / Facilities Used
VFA-303	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VF-41	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFA-142	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMLA-367	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMT-303	SQUADRON TRAINING 3 TIMES YEARLY / ALL STATION FACILITIES
HC-3	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMH-462	SEMI-ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMH-363	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMLA-169	SEMI-ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMLA-767	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMLA-776	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMM-163	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMM-166	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
HMX-1	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES

Operational Unit	Training Function / Facilities Used
MAG-39	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
MAG-46	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
MAG-11	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
VMFA-142	ANNUAL SQUADRON TRAINING / ALL STATION FACILITIES
NAVFITWEP-SCHOL	TOPGUN TRAINING, 18 TIMES YEARLY
MAG-31	DACT, SEMI-ANNUAL TRAINING / FLIGHTLINE FACILITIES
MAG-16	EVM, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VMA-124	SI, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VMFA-321	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VF-101	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VF-31	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VF-217	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VF-124	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
CVW-30	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
VFA-203	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES

7 .c. List all Joint (non-DON) units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.3 Joint Units

Operational Unit	Training Function / Facilities Used

33RD FW	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
302ND TFS	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
310TH TFS	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
MONTANA ANG	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
S. DAKOTA ANG	DACT, ANNUAL TRAINING / FLIGHTLINE FACILITIES
28TH BOMB WING, USAF	SEAD, ECM, NAV TRNG/ R2301W, MOVING SANDS, CACTUS WEST
928TH OPERATIONS GROUP (AFRES)	TACTICAL LANDING ZONE OPERATIONS AT AUX-2

8. Does the air station or its tenants have any requirements to support training of other Navy and Marine Corps forces or non-DON Joint forces (e.g., ground force training, battle group exercise, etc.)

Table 8.1 Forces Supported

Forces	Location / Distance	Type of Support	Frequency
CVW	SAN DIEGO	AIRSPACE & AIR-TO-GROUND TRNG	WHEN NEEDED
AIR NATIONAL GUARD	TUCSON	AIRSPACE & ORDNANCE TRAINING	QUARTER-LY
15TH MEU	VARIED	AIRFIELD SEIZURE OPERATIONS	SEMI-ANNUAL
DOD-JTF-6	FORT BLISS, TX	COUNTER NARCOTICS OPERATIONS	VARIOUS
CAX	29 PALMS	FMF COMBINED ARMS TRAINING	AS DIRECTED
TACP	29 PALMS	TACP TRAINING	AS DIRECTED
MEU	VARIED	MEU WORK UP TRAINING (11th, 13th, 15th)	AS DIRECTED

9.a. Does the air station have a role in a disaster assistance plan, search, and rescue or local evacuation plan? If so, describe.

Yes.

(1) MCAS Yuma is a third priority for disaster control in rendering of maximum practical assistance to local civil authorities in the event of domestic emergencies when the facilities of established civilian agencies are overtaxed. This is with the approval of higher headquarters.

(2) MCAS Yuma Search and Rescue (SAR) provides medical evacuation for miliary and civilian personnel within a 35 NM radius, and a 150 NM medical emergencies only.

(3) MCAS Yuma annually conducts, usually in conjunction with the Air Station's Annual "Air Show" or "Open House", a MASS CASUALTY EVACUATION DRILL which involves the coordination, cooperation, and teamwork of the following military and civilian agencies:

Military:	Civilian:
Control Tower	Yuma County Airport Authority (YCAA)
Base Operations Services	Yuma County & City Ambulatory
Crash, Fire & Rescue (CFR)	Yuma County & City Law Enforcement Agencies
Search & Rescue (SAR)	Yuma City Hospital(s)
Branch Medical Clinic/Dispensary	
Station Fire Department	
Provost Marshall's Office (PMO)	

9.b. Does the air station provide any direct meteorological support to local civilian, governmental or military agencies? If so, describe.

Yes. MCAS Yuma is an integral part of the Marine Corps aviation activity, the mission of the Weather Service Division is to provide twenty-four hour environmental data support to all host and tenant activities. In fulfilling this mission, the Weather Service Division:

(1) Provides full Meteorological Oceanographic (METOC) input for destructive weather.

(2) Conducts local observation programs and ensures these observations are properly disseminated locally in accordance with current instructions.

(3) Issues hazardous or destructive weather advisories/warnings for MCAS Yuma and the local area, as required by current directive.

(4) Upon request, (by Government agencies) prepares climatological studies for areas of concern:

Requests (past 12 months)

FORCES	LOCATION	TYPE OF

SUPPORT

Arizona Department of Agriculture	Yuma	Climatology/Winds
USAF JOE/ATT	Yuma	Drop Zone METOC forecast
British RAF No. 1 Parachute Training School	Yuma	Surface Forecast/Drop Zone Winds
FRS 2 AMRAAM Trial, Elgin AFB, FL	Yuma	Climatology/Temperatures
US Bureau of Reclamation, Yuma Projects Office	Yuma	Climatology/Humidity
2nd Force Recon Co.	Yuma	Astrological
1st Force Recon Co.	Yuma	Climatology/Winds
McDonnell Douglas Aircraft Co.	Yuma	Climatology/Pressure
MACS-2	Yuma	Climatology
US Geological Survey	Yuma	Climatology/Rainfall
Department of the Navy Research Lab	Yuma	Electro-Optical Tactical

Decision Aids

MACS-7	Yuma	Climatology for Korea
MAG-42 Det A, 4th MAW	Yuma	JAG Investigation
US Department of Interior	Yuma	Observations
Jacobs Engineering Group	Yuma	Observations
Department of the Navy, NOCD Asheville, NC	Yuma	Forecaster's Handbook
11th Marines, Camp Pendleton	Yuma	Direct METOC Support
160th SOAR	Yuma	Forecasts/Observations
A Co., 3rd Bat, 3rd Special Forces Group (Airborne)	Yuma	Surface Forecast/Drop Zone Winds
1st Bat., 5th Special Forces Group (Airborne)	Yuma	Surface Forecast/Drop Zone Winds

(5) MCAS Yuma Weather Service handles all aviation flight briefings for Laguna. This is usually 10 to 20 phone and/or fax briefs per month and a semi-annual safety stand down weather briefs. From them, we are provided a copy of their 1200Z upper air sounding Monday through Friday.

(6) Limited Weather support is available at NAF El Centro. Aircrews are directed to call NAS Miramar, CA for support. On those occasions when Miramar is busy, most aircrews call MCAS Yuma for a phone brief.

10.a. Does this air station currently have any special non-DoD or civilian support missions (i.e., counter-drug, scientific support)? If so, describe.

Yes.

(1) MCAS Yuma is a joint-use facility. Yuma County Airport Authority operates the civilian aviation facilities and has access to the runways and taxiways at MCAS by grant of a patent.

(2) MCAS Yuma currently provides Federal prosecutive support to all Federal agencies in the Southwestern Arizona and Southeastern California region via the Special Assistant United States Attorney (SAUSA) program. We maintain a military attorney who is designated, qualified, and permitted to serve as the SAUSA and prosecutes cases in Federal court on behalf of all Federal agencies. The support includes both misdemeanor and felony cases. The support also includes appearances in the local District Court and in the District Courts in Phoenix and San Diego, if required. The current SAUSA (Deputy Director) initiated a Federal, State, and local law enforcement task force to address a growing problem of trespass and theft of Government property from bombing and gunnery ranges. This practice has resulted in reduced monetary loss to the Government and personal injury to the trespassers. This enforcement effort has resulted in the prosecution and incarceration of a dozen offenders. Prior to the establishment of this SAUSA program, there had been no successful prosecutions. This program has been very successful in limiting trespass and theft.

(3) McDonnel Douglas has an aviation test facility which has access to the runways and taxiways at the Air Station.

(4) MCAS Yuma provides support of aviation fuels to the US Customs Service, Immigration & Naturalization Service, state agencies and National Guard services.

(5) MCAS Yuma is responsible for the helicopter support evacuations of former Presidents Ford and Reagan in the event of major earthquake activity in California.

(6) MCAS Yuma (ATC) provides information on unidentified aircraft to March AFB for counter drug operations. Additionally, various units (tenants) aboard MCAS Yuma participate in counter drug operations to include the use of equipment and personnel. Currently the Border patrol has four Hughes helicopters based at MCAS Yuma for extensive patrolling of the US/Mexico border.

10.b. If applicable, give the type and number of aircraft based at your air station that conduct these operations (10.a.) and the total number of sorties flown during FY 1993 in support of these operations.

Table 10.1 Support Operations

Aircraft Type	Number of Aircraft	# Sorties Flown in FY 1993
Hughes Helicopters (Border Patrol)	4	unknown
HH-1N (Station SAR)	3	none

10.c. If applicable, list the facilities, special equipment (e.g., radar surveillance systems) and personnel at your air station that directly support these operations.

NONE.

Table 10.2 Supporting Equipment

Equipment/Facility /Personnel	Function

11. Are any new civilian or other non-DoD missions planned for this air station? If so, describe.

Yes. MCAS Yuma is scheduled to receive a Principal User Processor (PUP) from the proposed NEXRAD site in Yuma. This site will cover a fringe area in the US's southwest radar coverage. MCAS Yuma will have duty personnel available on a 24 hour basis to operate and interpret products from the PUP, thus providing a valuable asset in severe weather forecasting and warning.

Facilities

Air Space and Flight Training Areas

12. List all areas for special use routinely used by aviation units or squadrons assigned to your air station. For each piece of airspace, provide the following data:

Airspace Designator: KANE

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

MOA/ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 1,038 SQ NAUTICAL MILES, 10,000' - 40,000'

c.Distance from main airfield -- 52 NM

d.Time en route from main airfield -- 10 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- **If so, how many?**
- **If so, what types (i.e., IMC, VMC, or altitude reservation)?**

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- ONE, V137

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993 --
- **By Navy/USMC -- ..... MAG-13 SQUADRONS & VMFT-401: 125**
- **By other services (including reserves and national guard) -- NONE**

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993 --
- **By Navy/USMC -- MAG-13 SQUADRONS & VMFT-401: 87**
- **By other services (including reserves and national guard) -- NONE**

p.Number of hours used
- **By Navy/USMC -- MAG-13 SQUADRONS & VMFT-401: 48**
- **By other services (including reserves and national guard) -- NONE**

q. Types of training permitted
(1) AIR COMBAT MANEUVERS
(2) AIR REFUELING
(3) POST MAINTENANCE CHECK FLIGHTS
(4) SECTION/DIVISION TACTICS
(5) ALL WEATHER FLIGHT TRAINING
(6) TACTICAL AIR MANEUVERS
(7) AIR-TO-AIR
(8) FORMATION TRAINING
(9) FAMILIARIZATION FLIGHT

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: **ABEL N/S**

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

MOA/ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 610 SQ NAUTICAL MILES, 7,000' - 40,000'

c.Distance from main airfield -- 15 NM

d.Time en route from main airfield -- 6 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- **If so, how many?**
- **If so, what types (i.e., IMC, VMC, or altitude reservation)?**

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES
j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993 --
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 5,100**
- **By other services (including reserves and national guard) -- NONE**

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,922**
- **By other services (including reserves and national guard) -- NONE**

p.Number of hours used
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,387**
- **By other services (including reserves and national guard) -- NONE**

q. Types of training permitted
(1) AIR COMBAT MANEUVERS
(2) AIR INTERCEPTS
(3) ALL WEATHER FLIGHT TRAINING
(4) TACTICAL AIR MANEUVERS

r. Is the training within this airspace affected by environmental issues? If so, how?

NO.

Airspace Designator: IMPERIAL

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 843 SQ NAUTICAL MILES

c.Distance from main airfield -- 18 NM

d.Time en route from main airfield -- 4 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 4
- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 5
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 4
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) AIR COMBAT MANEUVERS
(2) AIR INTERCEPTS
(3) ALL-WEATHER FLIGHT TRAINING
(4) TACTICAL AIR MANEUVERS
(5) NO ORDNANCE AUTHORIZED

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: **DOME**

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 276 SQ NAUTICAL MILES

c.Distance from main airfield -- OVERHEAD STATION: 6,000'

d.Time en route from main airfield -- 3 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- **If so, how many?**
- **If so, what types (i.e., IMC, VMC, or altitude reservation)?**

h.Is the airspace under radar coverage? --YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 25**
- **By other services (including reserves and national guard) -- NONE**

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 12**
- **By other services (including reserves and national guard) -- NONE**

p.Number of hours used
- **By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 7**
- **By other services (including reserves and national guard) -- NONE**

q. Types of training permitted
(1) AIR COMBAT TRAINING
(2) MANEUVERING
(3) AIR REFUELING
(4) NO ORDNANCE AUTHORIZED

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: **QUAIL**

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

MOA/ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 1,388 SQ NAUTICAL MILES, 10,000' - 22,000'

c.Distance from main airfield -- 65 NM

d.Time en route from main airfield -- 14 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- ONE, V135

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- ONE, J212

l.Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 71

- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 21
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 21
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) AIR COMBAT MANEUVERS
(2) TACTICAL AIR MANEUVERS
(3) AIR INTERCEPTS
(4) ALL-WEATHER FLIGHT TRAINING
(5) NO ORDNANCE IS AUTHORIZED

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: TURTLE

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

MOA/ATCAA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 2,267 SQ NAUTICAL MILES

c.Distance from main airfield -- 96 NM

d.Time en route from main airfield -- 19 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO

- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace --

THREE, V442, V208, V135

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- TWO, J236, J10

l.Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 215
- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,760

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 43
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 43
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) AIR COMBAT TRAINING
(2) MANEUVERING
(3) AIR REFUELING
(4) NO ORDNANCE AUTHORIZED

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: 2301 WEST HIGH

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

RESTRICTED AREA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 1,544 SQ NAUTICAL MILES

c.Distance from main airfield -- 7 NM

d.Time en route from main airfield -- 2 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 3,592
- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,322

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 1,242
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 863
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) LOW AND HIGH ANGLE STRAFING
(2) DIVE, LEVEL AND LOW ANGLE BOMBING
(3) AIR-TO-GROUND ROCKETRY

(4) LOW-LEVEL LOFT BOMBING
(5) SIMULATED NUCLEAR WEAPONS AND RADAR BOMBING DELIVERY
(6) TELEVISION ORDNANCE SCORING OF WEAPONS DELIVERY
(7) AIR-TO-AIR CAPTIVE MISSILE TRAINING
(8) AIR-TO-AIR DART GUNNERY
(9) AIR COMBAT MANEUVERING
(10)INSTRUMENTATION MISSION RECORDING
(11)AIR-TO-AIR INTERCEPTS, LOW/MEDIUM/HIGH ALTITUDE
(12)AERIAL REFUELING
(13)NIGHT FLARE EMPLOYMENT
(14)TARGET AND ORDNANCE TESTING
(15)ORDNANCE DISPOSAL
(16)LIVE ORDNANCE DEMONSTRATIONS
(17)FAMILIARIZATION FLIGHTS
(18)SEARCH AND RESCUE
(19)PARADROPS
(20)LOW-ALTITUDE TRAINING
(21)NIGHT VISION GOGGLE TRAINING
(22)CLOSE AIR SUPPORT
(23)DEEP AIR STRIKES
(24)HELICOPTER ESCORT
(25)FIXED WING VERSUS HELICOPTER (E.V.M.)
(26)AERIAL OBSERVATION/PHOTOGRAPHY
(27)SIMULATED MINE RUNS
(28)SURGE RADAR TERRAIN CLEARANCE
(29)SHRIKE PROFILING
(30)SURFACE-TO-AIR MISSILE COUNTER-TACTICS
(31)ELECTRONIC COUNTERMEASURES (ECM)
(32)TEST EVALUATIONS AND SUITABILITY FLIGHTS
(33)SECTION AND DIVISION TACTICS

r. Is the training within this airspace affected by environmental issues? If so, how?

NO, BECAUSE THE CURRENT MEMORANDUM OF AGREEMENT AND THE PROPOSED MEMORANDUM OF AGREEMENT PROVIDE FOR THE USE OF LOW-LEVEL CORRIDORS THROUGH THE AIRSPACE ABOVE THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE.

Airspace Designator: R-2306 A,B,C,D; E/R-2308 A,B,C; AND R-2307

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

RESTRICTED AREA

b.Dimensions (nmi. x nmi. x ft of altitude) -- 1,497 SQ NAUTICAL MILES -- SURFACE TO 80,000' EXCEPT R-2307 IS SURFACE TO UNLIMITED

c.Distance from main airfield -- 21 NM

d.Time en route from main airfield -- 5 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 1,213
- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 8,322

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 599
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 389
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) AIR COMBAT MANEUVERING
(2) AERIAL REFUELING

(3) FAMILIARIZATION FLIGHTS
(4) SEARCH AND RESCUE
(5) PARADROPS
(6) LOW ALTITUDE TRAINING
(7) NIGHT VISION GOGGLE TRAINING
(8) CLOSE AIR SUPPORT
(9) HELICOPTER ESCORT

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

Airspace Designator: R-2507 N/S HIGH

a.Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)

RESTRICTED AREA

b.Dimensions (nmi. x nmi. x ft of altitude) --282 SQ NAUTICAL MILES, 15,000 - 40,000'

c.Distance from main airfield -- 35 NM

d.Time en route from main airfield -- 7 MIN

e.Controlling agency -- FAA LOS ANGELES CENTER

f. Scheduling agency -- MCAS YUMA

g.Are canned/stereo airways needed to access air space? -- NONE
- If so, how many?
- If so, what types (i.e., IMC, VMC, or altitude reservation)?

h.Is the airspace under radar coverage? -- YES

i.Is the airspace under communications coverage? -- YES

j.Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

k.Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

l.Number of sorties flown in FY 1993

- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 5,100
- By other services (including reserves and national guard) -- NONE

m. Percent of sorties cancelled due to weather. -- 2%

n.Number of available hours in FY 1993 -- 7,884

o.Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,992
- By other services (including reserves and national guard) -- NONE

p.Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,387
- By other services (including reserves and national guard) -- NONE

q. Types of training permitted
(1) AIR-TO-AIR
(2) AIR-TO-GROUND

r. Is the training within this airspace affected by environmental issues? If so, how?

NO

13. List all the air-to-ground training ranges routinely used by aviation units or squadrons assigned to your air station. For each range, provide the following data:

Range Name: R-2507 S

a. Location (city/county and state) -- EAST OF SALTON SEA, CA

b. Distance from main airfield -- 35 NM

c. Time en route from main airfield -- 7 NM

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993 --
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 5,249
- By other services (including reserves and national guard): NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 7,884

n. Number of scheduled hours in FY 1993 --
- By Navy/2USMC -- MAG-13 SQUADRONS AND VMFT-401: 3,043
- By other services (including reserves and national guard): NONE

o. Number of hours used --
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,055
- By other services (including reserves and national guard): NONE

p. Types of training permitted
(1) LOW AND HIGH ANGLE STRAFING
(2) DIVE, LEVEL AND LOW ANGLE BOMBING
(3) AIR-TO-GROUND ROCKETRY
(4) LOW LEVEL LOFT BOMBING
(5) SIMULATED NUCLEAR WEAPONS AND RADAR BOMBING DELIVERY
(6) AIR-TO-AIR CAPTIVE MISSILE TRAINING
(7) AIR-TO-AIR DART GUNNERY
(8) AIR COMBAT MANEUVERING
(9) AERIAL REFUELING
(10) NIGHT FLARE EMPLOYMENT
(11) ORDNANCE DISPOSAL
(12) LIVE ORDNANCE DEMONSTRATIONS
(13) FAMILIARIZATION FLIGHTS
(14) SEARCH AND RESCUE
(15) PARADROPS
(16) LOW ALTITUDE TRAINING
(17) NIGHT VISION GOGGLE TRAINING
(18) CLOSE AIR SUPPORT
(19) DEEP AIR STRIKES
(20) HELICOPTER ESCORT

(21) FIXED WING VERSUS HELICOPTER (E.V.M.)
(22) AERIAL OBSERVATION/PHOTOGRAPHY
(23) SURGE RADAR TERRAIN CLEARANCE
(24) SHRIKE PROFILING
(25) SURFACE-TO-AIR MISSILE COUNTER-TACTICS
(26) ELECTRONIC COUNTERMEASURES (ECM)
(27) POST MAINTENANCE CHECK FLIGHTS (P.M.C.F.)
(28) SECTION AND DIVISION TACTICS
(29) INSTRUMENTATION MISSION RECORDING

q. Is the training within this airspace impeded by environmental issues?

NO

Range Name: R-2507 N

a. Location (city/county and state) -- EAST OF SALTON SEA, CA

b. Distance from main airfield -- 35 NM

c. Time en route from main airfield -- 7 MIN

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
   - If so, how many?
   - If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 5,148
   - By other services (including reserves and national guard): NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 7,884

n. Number of scheduled hours in FY 1993 --
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 2,570
- By other services (including reserves and national guard): NONE

o. Number of hours used --
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 1,670
- By other services (including reserves and national guard): -- NONE

p. Types of training permitted
(1) LOW AND HIGH ANGLE STRAFING
(2) DIVE, LEVEL AND LOW ANGLE BOMBING
(3) AIR-TO-GROUND ROCKETRY
(4) LOW LEVEL LOFT BOMBING
(5) SIMULATED NUCLEAR WEAPONS AND RADAR BOMBING DELIVERY
(6) AIR-TO-AIR CAPTIVE MISSILE TRAINING
(7) AIR-TO-AIR DART GUNNERY
(8) AIR COMBAT MANEUVERING
(9) AERIAL REFUELING
(10) NIGHT FLARE EMPLOYMENT
(11) ORDNANCE DISPOSAL
(12) LIVE ORDNANCE DEMONSTRATIONS
(13) FAMILIARIZATION FLIGHTS
(14) SEARCH AND RESCUE
(15) PARADROPS
(16) LOW ALTITUDE TRAINING
(17) NIGHT VISION GOGGLE TRAINING
(18) CLOSE AIR SUPPORT
(19) DEEP AIR STRIKES
(20) HELICOPTER ESCORT
(21) FIXED WING VERSUS HELICOPTER (E.V.M.)
(22) AERIAL OBSERVATION/PHOTOGRAPHY
(23) SURGE RADAR TERRAIN CLEARANCE
(24) SHRIKE PROFILING
(25) SURFACE-TO-AIR MISSILE COUNTER-TACTICS
(26) ELECTRONIC COUNTERMEASURES (ECM)
(27) POST MAINTENANCE CHECK FLIGHTS (P.M.C.F.)
(28) SECTION AND DIVISION TACTICS
(29) INSTRUMENTATION MISSION RECORDING
(30) WEATHER CHECKS
(31) DAY LANDING QUALIFICATIONS
(32) CARRIER CONTROLLED APPROACHES

q. Is the training within this airspace impeded by environmental issues?

NO

Range Name: R-2301 WEST LOW

a. Location (city/county and state) -- EAST OF YUMA IN YUMA CO, AZ

b. Distance from main airfield -- 7 NM

c. Time en route from main airfield -- 2 MIN

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
   - If so, how many?
   - If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 1,814
   - By other services (including reserves and national guard): NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 8,322

n. Number of scheduled hours in FY 1993
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 621
   - By other services (including reserves and national guard): NONE

o. Number of hours used
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 432
   - By other services (including reserves and national guard): NONE

p. **Types of training permitted**

(1) LOW AND HIGH ANGLE STRAFING
(2) DIVE, LEVEL AND LOW ANGLE BOMBING
(3) AIR-TO-GROUND ROCKETRY
(4) LOW LEVEL LOFT BOMBING
(5) SIMULATED NUCLEAR WEAPONS AND RADAR BOMBING DELIVERY
(6) TELEVISION ORDNANCE SCORING OF WEAPONS DELIVERY
(7) AIR-TO-AIR CAPTIVE MISSILE TRAINING
(8) AIR-TO-AIR DART GUNNERY
(9) AIR COMBAT MANEUVERING
(10) INSTRUMENTATION MISSION RECORDING
(11) AIR-TO-AIR INTERCEPTS, LOW/MEDIUM/HIGH ALTITUDE
(12) AERIAL REFUELING
(13) NIGHT FLARE EMPLOYMENT
(14) TARGET AND ORDNANCE TESTING
(15) ORDNANCE DISPOSAL
(16) LIVE ORDNANCE DEMONSTRATIONS
(17) FAMILIARIZATION FLIGHTS
(18) SEARCH AND RESCUE
(19) PARADROPS
(20) LOW ALTITUDE TRAINING
(21) NIGHT VISION GOGGLE TRAINING
(22) CLOSE AIR SUPPORT
(23) DEEP AIR STRIKES
(24) HELICOPTER ESCORT
(25) FIXED WING VERSUS HELICOPTER (E.V.M.)
(26) AERIAL OBSERVATION/PHOTOGRAPHY
(27) SIMULATED MINE RUNS
(28) SURGE RADAR TERRAIN CLEARANCE
(29) SHRIKE PROFILING
(30) SURFACE-TO-AIR MISSILE COUNTER-TACTICS
(31) ELECTRONIC COUNTERMEASURES (ECM)
(32) TEST EVALUATIONS AND SUITABILITY FLIGHTS
(33) SECTION AND DIVISION TACTICS

q. **Is the training within this airspace impeded by environmental issues?**

NO.

NOTE: BECAUSE THE CURRENT MEMORANDUM OF AGREEMENT AND THE PROPOSED MEMORANDUM OF AGREEMENT PROVIDE FOR THE USE OF LOW-LEVEL CORRIDORS THROUGH THE AIRSPACE OVER THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE.

Range Name: MOVING SANDS/CACTUS WEST

a. Location (city/county and state) -- EAST OF YUMA IN YUMA COUNTY, AZ

b. Distance from main airfield -- 7 NM

c. Time en route from main airfield -- 2 MIN

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 3,739
- By other services (including reserves and national guard) -- NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 7,884

n. Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 1,758
- By other services (including reserves and national guard)-- NONE

o. Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 948
- By other services (including reserves and national guard)-- NONE

p. Types of training permitted

(1) LOW AND HIGH ANGLE STRAFING
(2) AIR-TO-GROUND ROCKETRY
(3) LOW-LEVEL LOFT BOMBING
(4) SIMULATED NUCLEAR WEAPONS AND RADAR BOMBING DELIVERY
(5) TELEVISION ORDNANCE SCORING OF WEAPONS DELIVERY
(6) AIR-TO-AIR CAPTIVE MISSILE TRAINING
(7) AIR-TO-AIR DART GUNNERY
(8) AIR COMBAT MANEUVERING
(9) INSTRUMENTATION MISSION RECORDING
(10) AERIAL REFUELING
(11) NIGHT FLARE EMPLOYMENT
(12) ORDNANCE DISPOSAL
(13) LIVE ORDNANCE DEMONSTRATIONS
(14) ORIENTATION FLIGHTS
(15) WEATHER CHECKS
(16) SEARCH AND RESCUE
(17) PARADROPS
(18) LOW ALTITUDE TRAINING
(19) NIGHT VISION GOGGLE TRAINING
(20) CLOSE AIR SUPPORT
(21) DEEP AIR STRIKES
(22) HELICOPTER ESCORT
(23) AERIAL PHOTOGRAPHY
(24) SIMULATED MINE RUNS
(25) SURGE RADAR TERRAIN CLEARANCE
(26) SHRIKE PROFILING
(27) ELECTRONIC COUNTERMEASURES (ECM)
(28) SECTION AND DIVISION TACTICS

q. Is the training within this airspace impeded by environmental issues?

NO

Range Name: R-2510

a. Location (city/county and state) -- 15 NM FROM IMPERIAL TACAN, ... IMPERIAL COUNTY, CA

b. Distance from main airfield -- 67 NM

c. Time en route from main airfield -- 14 MIN

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
   - If so, how many?
   - If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 132
   - By other services (including reserves and national guard) -- NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 7,796

n. Number of scheduled hours in FY 1993
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 72
   - By other services (including reserves and national guard) -- NONE

o. Number of hours used
   - By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 28
   - By other services (including reserves and national guard) -- NONE

p. Types of training permitted
   (1) LOW AND HIGH ANGLE STRAFING
   (2) DIVE, LEVEL AND LOW ANGLE BOMBING
   (3) AIR-TO-GROUND ROCKETRY
   (4) LOW LEVEL LOFT BOMBING
   (5) AIR COMBAT MANEUVERING
   (6) FAMILIARIZATION FLIGHTS
   (7) PARADROPS
   (8) NIGHT VISION GOGGLE TRAINING
   (9) LOW ALTITUDE TRAINING

(10) DEEP AIR STRIKES
(11) HELICOPTER ESCORT
(12) FIXED WING VERSUS HELICOPTER (E.V.M.)
(13) AERIAL OBSERVATION/PHOTOGRAPHY .....

q. Is the training within this airspace impeded by environmental issues?

NO

Range Name: R-2512

a. Location (city/county and state) -- 38 NM FROM YUMA TACAN, IMPERIAL COUNTY, CA

b. Distance from main airfield -- 33 NM

c. Time en route from main airfield -- 7 MIN

d. Controlling agency -- FAA LOS ANGELES CENTER

e. Scheduling agency -- MCAS YUMA

f. Are canned/stereo airways needed to access air space? -- NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?

g. Is the airspace under radar coverage? -- YES

h. Is the airspace under communications coverage? -- YES

i. Number of low level airways (below 18,000 ft) that bisect airspace -- NONE

j. Number of high altitude airways (above 18,000 ft) that bisect airspace -- NONE

k. Number of sorties flown in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 33
- By other services (including reserves and national guard) -- NONE

l. Percent of sorties cancelled due to weather. -- 2%

m. Number of available hours in FY 1993 -- 7,971

n. Number of scheduled hours in FY 1993
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 32

- By other services (including reserves and national guard) -- NONE

o. Number of hours used
- By Navy/USMC -- MAG-13 SQUADRONS AND VMFT-401: 23
- By other services (including reserves and national guard) -- NONE

p. Types of training permitted
(1) LOW AND HIGH ANGLE STRAFING
(2) DIVE, LEVEL AND LOW ANGLE BOMBING
(3) AIR-TO-GROUND ROCKETRY
(4) LOW LEVEL LOFT BOMBING
(5) AIR COMBAT MANEUVERING
(6) FAMILIARIZATION FLIGHTS
(7) PARADROPS
(8) NIGHT VISION GOGGLE TRAINING
(9) LOW ALTITUDE TRAINING
(10) DEEP AIR STRIKES
(11) HELICOPTER ESCORT
(12) FIXED WING VERSUS HELICOPTER (E.V.M.)
(13) AERIAL OBSERVATION/PHOTOGRAPHY

q. Is the training within this airspace impeded by environmental issues?

NO

14. Is land and/or air encroachment an issue which endangers long term availability of any training areas? If so, provide details.

NO.

NOTE: MCAS YUMA HAS BEEN COMPILING DATA, DEFINING PURPOSE AND NEED, AND PROPOSING ALTERNATIVE ACTIONS FOR THE USMC's LARGEST ENVIRONMENTAL IMPACT STATEMENT (EIS) TO DATE. THIS EFFORT WAS INITIATED IN 1990 WITH A RECORD OF DECISION EXPECTED IN JULY 1994 AT A COST OF 1.6 MILLION DOLLARS. THE ACTIONS PROPOSED BY MCAS YUMA FOR THE MANAGEMENT AND OPERATION OF THE YUMA TRAINING RANGE COMPLEX (YTRC) ARE DESIGNED TO CORRECT IDENTIFIED DEFICIENCIES AND ENHANCE FLEXIBILITY OF THE COMPLEX TO MEET THE PRESENT AND FUTURE TRAINING REQUIREMENTS OF THE MARINE CORPS AND THE OTHER ARMED SERVICES. THE YTRC INCLUDES 24 SPECIAL USE AIRSPACE AREAS, COMPRISING OVER 10,000 SQUARE MILES AND TWO AERIAL BOMBING AND GUNNERY LAND AREAS, TOTALING ALMOST 2,000 SQUARE MILES

FOR WHICH MCAS YUMA HAS MANAGEMENT AND/OR SCHEDULING RESPONSIBILITY.

15. Is the SUA/airspace for special use routinely used by aviation units or squadrons assigned to your air station sufficient to satisfy the air-to-air training, air-to-ground training and low level training missions of units assigned to the air station? Explain the nature and magnitude of any shortfalls.

YES, AIRSPACE IS SUFFICIENT.

IF WE COULD MAKE ONE IMPROVEMENT, IT WOULD BE TO INCREASE THE AIRSPACE TO HAVE AT LEAST ONE AREA THAT IS 75 NAUTICAL MILES LONG AND 30 NAUTICAL MILES WIDE WITH SUPERSONIC CAPABILITY TO SIMULATE MODERN THREAT SCENARIOS.

MAG-13 UNITS DEPLOY FOR SPECIAL TRAINING REQUIREMENTS AS LISTED BELOW.

16. If deployments or detachments to other domestic locations are required to satisfy airspace shortfalls, fill out the following tables:

Table 16.1 Deployment Costs

WHERE	REASON	ANNUAL TAD COSTS ADVERSE WEATHER	ANNUAL TAD COSTS AIRSPACE NOT AVAILABLE	ANNUAL TAD COSTS NO LOCAL RANGE/ OTHER
CHINA LAKE/ FALLON	ELECTRONI C WARFARE	N/A	N/A	$45k FOR 12 A/C FOR 2 WKS
NORTH ISLAND, CA	CARRIER QUALS	N/A	N/A	VARIES BASED ON QTYOF A/C & DAYS
DACTS DETS	DISSIMILAR AIR COMBAT TRAINING	N/A	N/A	VARIES BASED ON SIZE OF DETS

Airfields

17. For the main airfield(s) and each auxiliary and outlying field, provide the following data

Airfield Name: MCAS YUMA/YUMA INTERNATIONAL AIRPORT

a. Location: LATITUDE 32°39.4' N, LONGITUDE 114°36.4'W
CITY OF YUMA, YUMA COUNTY, AZ

b. Distance from main field: N/A

c. Does the airfield have more than one runway complex that can conduct independent (i.e., concurrent) flight operations?

NO. CONCURRENT/INDEPENDENT FLIGHT OPERATIONS ARE AVAILABLE FOR ARRIVALS ON RWY 3L AND 8 AND DEPARTURES ON RWY 21R AND 26. MCAS YUMA/YUMA INTERNATIONAL EMPLOYS SOIR PROCEDURES; AVAILABILITY OF CONCURRENT OPERATIONS IS DEPENDENT UPON THE INDIVIDUAL AIRCRAFT'S GROUP CATEGORY AND RUNWAY LENGTH AVAILABLE TO THE INTERSECTING RUNWAY.

d. Does the airfield have parallel or dual offset runways? -- YES

e. If the airfield has parallel or dual offset runways, do they permit dual IFR flight operations?

NO. (RUNWAY 3L-21R AND 3R-21L CENTERLINE SEPARATIONS DO NOT MEET MINIMUMS FOR DUAL IFR OPERATIONS. HOWEVER, DUAL IFR OPERATIONS ARE AVAILABLE FOR THE FOLLOWING CONFIGURATIONS-- RWYS 21R & 8 AND RWYS 21R & 26.)

f. Does the airfield have full-length parallel taxiways? -- YES. (ONE EACH AVAILABLE FOR RWYS 3/21 AND 8/26.)

g. Does the airfield have high speed taxiways? -- NO

h. Does the airfield have a crosswind runway? -- YES

i. If conditions force the use of this runway, does the airfield lose flight ops capacity? --

NO. THERE IS A MINIMAL EFFECT, IF ANY.

j. How much capacity is lost? APPROXIMATELY 1%

k. What percent of the time do conditions force the crosswind runway to be used? -- 1.14%

l. Is the airfield equipped to support IFR flight operations? -- YES

m. Is the airfield owned by the navy or leased? -- OWNED BY DON

n. Discuss any runway design features that are specific to particular types of aircraft (e.g., are the airfield facilities designed primarily for helo, prop. or jet train aircraft).

ALL RUNWAYS ARE AVAILABLE FOR USAGE BY ALL AIRCRAFT; HOWEVER, LARGE/HEAVY TRANSPORT AIRCRAFT ARE ROUTINELY ASSIGNED TO CONDUCT THEIR OPERATIONS TO/FROM THE PARALLEL RUNWAYS (3/21) AND LOCALLY DEVELOPED "NOISE ABATEMENT" PROCEDURES RESTRICT SOME AIRCRAFT TO USAGE OF THE RUNWAYS 8/26 AND 17.

o. Does the air station perimeter road completely encircle the airfield? -- YES

p. Is the air station perimeter road 100% paved? If not estimate the percentage paved.
NO -- 10% PAVED.

q. Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why. -- YES

r. Is lack of fencing a security discrepancy? -- N/A

s. Other remarks.

NONE.

Airfield Name: AUX 2

a. Location: LATITUDE 32°32.33' N, LONGITUDE 114°30.32'W
YUMA COUNTY, AZ

b. Distance from main field: 8 MI SW OF MCAS YUMA

c. Does the airfield have more than one runway complex that can conduct independent (i.e., concurrent) flight operations? -- NO.

d. Does the airfield have parallel or dual offset runways? -- NO

e. If the airfield has parallel or dual offset runways, do they permit dual IFR flight operations? -- N/A

f. Does the airfield have full-length parallel taxiways? -- NO

g. Does the airfield have high speed taxiways? -- NO

h. Does the airfield have a crosswind runway? -- NO

i. If conditions force the use of this runway, does the airfield lose flight ops capacity? -- N/A

j. How much capacity is lost? N/A

k. What percent of the time do conditions force the crosswind runway to be used? -- N/A

l. Is the airfield equipped to support IFR flight operations? -- NO

m. Is the airfield owned by the navy or leased? -- OWNED BY DON

n. Discuss any runway design features that are specific to particular types of aircraft (e.g., are the airfield facilities designed primarily for helo, prop. or jet train aircraft).

AUX-2 IS DESIGNED/UTILIZED PRIMARILY FOR AV-8 "HARRIER" FBO/FCLP OPERATIONS, C-130 TOUCH-AND-GO OPERATIONS, AND MILITARY HELICOPTER OPERATIONS.

o. Does the air station perimeter road completely encircle the airfield? -- NO

p. Is the air station perimeter road 100% paved? If not estimate the percentage paved.
NO. APPROXIMATELY 10%

q. Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why. -- NONE EXISTS

r. Is lack of fencing a security discrepancy? -- NO. (DUE TO ITS REMOTE LOCATION, NONE IS REQUIRED)

s. Other remarks.

NONE.

18. Are the current airfield descriptions, operations and facilities consistent with the flight information publication (FLIP)? Attach a copy of the latest FLIP chart annotated with any updates.

YES. IT IS CURRENT AND UP-TO-DATE.

Facilities
Base Infrastructure and Investment

19. List the project number, description, funding year, and value of the capital improvements at your base completed (beneficial occupancy) during 1988 to 1994. Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 19.1 Capital Improvement Expenditure

Project Number	Description	Fund Year	Value
YU613R	CONSTRUCT STRUCTURAL FIRE TRAINING FACILITY	88	172K
YU803R	PAVE STORAGE AREAS, STATION WEAPONS	88	129K
YU801R	ADDITION CRASH/FIRE STATION	88	189K
YU901R	INSTALL SMOKE/HEAT DETECTORS, BEQs/BOQs	88	122K
YU903R	INSTALL SMOKE/HEAT DETECTORS, BEQ	88	122K
P-404	ACOUSTICAL JET ENGINE TEST FACILITY	89	5.6M
P-409	COMM/ELECTRONICS MAINTENANCE FACILITY ADDITION	89	316K
P-429	TACTICAL VEHICLE MAINTENANCE FACILITY	89	1.1M
YU001R	TAC SUPPORT VAN PADS	89	130K
YU702R	MODIFICATIONS/ALTERATIONS, ENLISTED DINING FACILITY	89	36K
YU919RS	MAWTS-1 HANGAR MAINTENANCE SPACE	89	34K
YU011R	SHOULDER STABILIZATION, VTOL PAD	89	7K
P-438	AV-8B/FA-18 POWER CHECK PADS	90	546.8K
YU919RS	HANGAR MAINTENANCE SPACE/MAWTS-1	90	155K
YU205R	A&E SHOULDER STAB/LHA PAD AUX II	90	14K
YU209R	A&E OPD DISASSEMBLE TRAINING FACILITY	90	17K
P-441	AVIATION SUPPLY WAREHOUSE	91	2.5M
YU011R	SHOULDER STABILIZATION, VTOL PAD	91	106K

Project Number	Description	Fund Year	Value
YU702R	MODIFICATION/ALTERATION MESSHALL, B710	91	161K
YU308R	A&E FIRE PROTECTION SYSTEM, VARIOUS BUILDINGS	92	27K
YU322R	A&E VET INSPECTION FACILITY	92	19K
YU321R	A&E CONSTRUCT FLIGHT LINE BUILDING	92	17K
YU436A	A&E ASPHALT AND LIGHT PROTECTION, 1706 (DEFENSE)	93	16K
YU321R	CONSTRUCT FLIGHTLINE BUILDING, B101 (DEFENSE)	94	177K

20.a. List the project number, description, funding year, and value of the non-BRAC related capital improvements planned for years 1995 through 1997.

Table 20.1 Planned Capital improvements

Project Number	Description	Fund Year	Value
YU209R	ORDNANCE DISASSEMBLY TRAINING FACILITY	95'	183K
YU308R	FIRE PROTECTION, VARIOUS BUILDINGS	95	269K
YU310R	INSTALL UNLEADED 25K TANK	95	194K
YU311R	INSTALL DIESEL 25K TANK	95	194K
YU322R	VETERINARY INSPECTION FACILITY	95	189K
YU323R	FAST FOOD/CARRY OUT SERVICE	95	138K
YU428R	ELECTRICAL DISTRIBUTION MONITORING	95	143K
YU429R	ADDITION TO FIRE STATION BUILDING 149	95	188K
YU441R	TEST CELL TO HAZARDOUS WASTE STORAGE	95	110K
YU445R	HAZARDOUS WASTE MINIMIZATION SYSTEM	95	109K
YU450R	INSTALL RUNWAY/TAXIWAY SIGNS	95	197K

Project Number	Description	Fund Year	Value
YU451R	VAN PAD, ELECTRICAL TRANSFER SWITCH	95	124K
YU460R	PERIMETER LIGHTING, CANNON AIR DEFENSE COMPLEX	95	296K
YU469R	TRAILERS FOR MEDICAL	95	75K
YU9508R	WASH RACK & SHADE, MWSS-371	95	177K
YU9509R	WASH RACK & SHADE, MOTOR T	95	180K
YU9520R	REPLACE UST 310	95	235K
YU9527R	FLIGHTLINE CONVERTER BUILDINGS	95	214K
YU9528R	INSTALL EMERGENCY ELECTRICAL POWER FOR FIRE DEPARTMENT	95	128K
YU9530R	REPAIR/REPLACE 400 HZ CONVERTER, BUILDING 3222, CANNON AIR DEFENSE COMPLEX	95	277K
YU9537R	INSTALL ELEVATOR	95	216K
P-481	LAND ACQUISITION	96	11.6M
P-410	BEQ	96	15.1M
P-442	AIRCRAFT MAINTENANCE HANGAR	96	12.3M
P-032	TEMPORARY LODGING FACILITY (NAF)	96	2.9M
YU9602R	REPLACE OIL WATER SEPARATOR IN FUEL FARM	96	120K
YU9620R	INSTALL AIR COMPRESSOR, HANGAR 146	96	280K
YU9624R	CHAPEL LIFE EXTENSION	96	87K
YU9626R	STATION SIDEWALKS	96	290K
YU9627R	NORTH GATE MODIFICATIONS	96	292K
YU9628R	MAIN GATE MODIFICATIONS	96	250K
YU9633R	RELOCATE ENTRANCE DOOR BUILDING 590	96	85K
YU9634R	GAS DISTRIBUTION, CATHODIC PROTECTION	96	298K

Project Number	Description	Fund Year	Value
YU9642R	INSTALL 25K DIESEL TANK, PHASE 2, FUEL FARM	96	251K
YU9643R	INSTALL 15K HOLDING TANK, DEFUELER, FUEL FARM	96	215K
YU9650R	RELOCATION OF CONTAMINATED FUEL TANKS, FUEL FARM	96	201K
YU9658R	MESS HALL UPGRADE	96	140K
P-483	STATION ORDNANCE AREA, PHASE 1	97	7.2M
P-482	COMBAT AIRCRAFT LOADING APRON, PHASE 1	97	9.4M
P-364	PHYSICAL FITNESS CENTER ADDITION	97	841K
P-476	SERVICE STATION (NAF)	97	1.3M

20.b. List the project number, description, funding year, and value of the BRAC related capital improvements planned/programmed for 1995 through 1999.

Table 20.2 Planned Capital improvements

Project Number	Description	Fund Year	Value
	NONE		

RESULT IN A C3 OR C4 DESIGNATION.

22. Describe any administrative support facility limitations. Describe the potential for expansion of the services that administrative support facilities provide.

CURRENTLY, THERE ARE NO KNOWN ADMIN SUPPORT FACILITY LIMITATIONS. HOWEVER, THERE IS LITTLE POTENTIAL FOR EXPANSION OF SERVICES. WITHOUT THE ACQUISITION OF ADDITIONAL REAL ESTATE, THERE IS INSUFFICIENT SPACE REMAINING TO CONSTRUCT NEW FACILITIES OR ADDITIONS TO EXISTING FACILITIES.

23.a. List all specialized training facilities/simulators that are located at or near the air station.

Table 23.1 Specialized Training Facilities/Simulators Onboard/In Vicinity

Type	Purpose and Availability Elsewhere
2F149	WEAPONS SYSTEMS TRAINER (WST) FOR AV-8B ALSO AVAILABLE AT MCAS CHERRY PT, NC
2F150	NIGHT ATTACK WEAPONS SYSTEM TRAINER (NAWST) FOR AV-8B A RADAR VARIANT NAWST IS AVAILABLE AT MCAS CHERRY PT, NC
TACTS	TACTICAL AIR CREW TRAINING SYSTEM - LOCATED ON R2301W, PROVIDES AIR COMBAT MANEUVERING, ELECTRONIC WARFARE, NO DROP WEAPONS SCORING, ANTI-RADIATION MISSILE TRAINING FACILITIES SIMILAR CAPABILITIES EXIST AT NAS, FALLON, NV; NAS, OCEANA, VA; MCAS, CHERRY PT, NC; MCAS, BEAUFORT, SC

Personnel Support Facilities

21.. Administrative Spaces

21.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility designated or used for administrative purposes.

Table 21.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	52857	521	30117	89	2700	160	85674	770
ADP installations	610-20	5673	17	0	0	0	0	5673	17
Legal services	610-40	442	2	4310	11	0	0	4752	13
Admin storage	610-77	2016	NA	0	NA	0	NA	2016	NA
Underground administrative office	620-10	0	0	0	0	0	0	0	0
Underground ADP installation	620-20	0	0	0	0	0	0	0	0
Underground admin storage	620-77	0	NA	0	NA	0	NA	0	NA
Other	620-7X	0	0	0	0	0	0	0	0

21.b. For all facilities that were classified as inadequate in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds. Does the deficiency result in a C3 or C4 designation on your baserep?

THE INADEQUATE FACILITY IN TABLE 21.1 ABOVE IS A PERMANENT FACILITY AND IS INADEQUATE FOR THE FOLLOWING REASONS: (1) SPACE CRITERIA OR INTERIOR CONFIGURATION IS NOT CORRECT; (2) INTER FIRE CODE VIOLATIONS EXIST; AND (3) DETERIORATION OF THE BUILDING. IT IS NOT COST EFFECTIVE TO REPAIR. NO PLANS EXIST CURRENTLY TO REMOVE THE DEFICIENCIES. DEFICIENCIES DO NOT

Type	Purpose and Availability Elsewhere
WISS	WEAPONS IMPACT SCORING SYSTEM - LOCATED AT MOVING SANDS/CACTUS WEST ON R2301W, PROVIDES AN OPTICAL/ELECTRONIC SCORING SYSTEM, STRAFE SCORING, A MOVING LAND TARGET, AND LASER TARGETING TRAINING FACILITIES SIMILAR CAPABILITIES ARE AVAILABLE AT NAF, EL CENTRO, CA
EW SIMULATION	MOBILE THREAT EMISSION CAPABILITY VIA MODULAR THREAT EMITTER (MTE) AND TACTICAL RADAR THREAT GENERATOR (TRTG) WHICH OPERATE IN ALL RANGE SPACES CONTROLLED BY MCAS YUMA. SIMILAR CAPABILITIES ARE AVAILABLE AT 29 PALMS, CA; NAF, FALLON, NV; MCAS, CHERRY PT, NC
NIGHT VISION LAB	MAWTS-1 RUNS THE MARINE CORPS' ONLY NIGHT VISION LAB FOR TRAINING IN USE OF NVG's. THEY ARE THE ACKNOWLEDGED LEADERS IN NVG DEVELOPMENT FOR THE NAVAL SERVICE. THIS TYPE OF LAB DOES NOT EXIST AT ANY OTHER FACILITY.
LHA PAD	HELO CARRIER LANDING PAD SIMILAR CAPABILITY EXISTS AT MCB, CAMP PENDLETON, CA
COMBAT VILLAGE	STRUCTURES FOR AIR-TO-GROUND MOUT TRAINING SIMILAR CAPABILITY EXISTS AT MCB, CAMP PENDLETON, CA

23.b. List other facilities/simulators not available locally that would assist the training mission.

Table 23.2 Facilities/Simulators Desired

Type	Training Function	Location
ISMT	INDOOR SIMULATED MARKSMANSHIP TRAINER	CAMP PENDLETON , CA
FLIGHT SIMULATOR S	FLIGHT SIMULATORS FOR HELO AND OTHER FIXED WING AIRCRAFT.	HELO - CAMP PENDLETON AND MCAS TUSTIN F-18 - MCAS EL TORO
EW	FULLY-INTEGRATED ELECTRONIC WARFARE TRAINING	NAF, FALLON, NV AND CHINA LAKE, CA
CAL SITE	CONFINED EA LANDING SITE	CAMP PENDLETON , CA AND BOGUE FIELD, NC

24.a. Is there is a NADEP located at the air station?

NO - THERE IS A NADEP, CHERRY PT, NC REP LOCATED AT YUMA IN SUPPORT OF AV-8B SQUADRONS.

24.b. Does the NADEP provide any direct support/benefit to the installation's intermediate maintenance mission?

NO

25.a. What ship maintenance facilities are located at the air station?

N/A

Table 25.1 Ship Maintenance Facilities

Ship Maintenance Facility	Major Capabilities

25.b. What other maintenance facilities do ships homeported/berthed at the air station use on a regular basis?

N/A

Table 25.2 Other Ship Maintenance Facilities

Maintenance Activity	Type of Support	Location

Regional Maintenance Concept

26. Has your AIMD been identified to be a part of the Navy's Regional Maintenance concept? If so, provide the details as currently known and what other DON industrial activities (both intermediate and depot level) are located within a 25 mile range of your activity?

N/A -- MCAS YUMA DOES NOT HAVE AN AIMD.

Special Military Facilities

27. List all facilities at or near the air station that have a special role in military operations (ASWOCs, oceanographic facilities, etc.) of the aircraft or ships based at the installation.

Table 27.1 Special Military Facilities

Type of Facility	Operational Mission of Facility
TACTS	ELECTRONIC WARFARE TRAINING
AUX 2	CARRIER QUALIFICATION TRAINING (STATIONARY)
EW	FULLY-INTEGRATED ELECTRONIC WARFARE RANGE (CHINA LAKE AND FALLON)
HOLTVILLE	AUSTERE SITE OPERATIONS
YUMA RANGE COMPLEX	ADVANCED AVIATION TRAINING AND LIVE ORDNANCE RANGE

Non-DON Facility Support Arrangements

28. List all inter-service arrangements (e.g.., inter-service support agreements) that involve supporting military (non-DON) activities at the air station.

Table 28.1 Non-DON Support

Activity Name / Military Service	Description of Activity Role and Degree of Support
MEDICAL DEPARTMENT FT HUACHUCA, AZ DEPARTMENT OF ARMY	ARMY PROVIDES FOOD INSPECTION AND VET SERVICES. MCASY PROVIDES FACILITY, SERVICES AND SERVMART SUPPORT
RECRUITING BN SANTA ANA, CA DEPARTMENT OF ARMY	ARMY PROVIDES RECRUITING SERVICES IN YUMA AREA. MCASY PROVIDES SERVICES AND SERVMART SUPPORT
YUMA PROVING GROUND YUMA, AZ DEPARTMENT OF ARMY	YPG MISSION IS TO PROVIDE ADP/COMMUNICATION COORDINATION AND RDT&E TO DOA AND DOD. MCASY PROVIDES EMERGENCY COMMUNICATION AND ADP SUPPORT, HHG SERVICES, USE OF DETENTION FACILITY, COMM-ELECT AND PHOTO REPAIR, VARIOUS TRAINING.
DEFENSE INVESTIGATIVE SERVICE, PHOENIX, AZ DEPARTMENT OF DEFENSE	DOD PROVIDES INVESTIGATIVE PERSONNEL. MCASY PROVIDES OFFICE SPACE, MISCELLANEOUS SERVICES AND SERVMART SUPPORT FOR THE RESIDENT AGENT.
JOINT TASK FORCE SIX FT. BLISS, TX DEPARTMENT OF ARMY	DOA PROVIDES COUNTERNARCOTICS OPERATIONS IN THE YUMA AREA. MCASY PROVIDES LOGISTICAL SUPPORT FOR THE JTF-6 DETS TO YUMA.
DEFENSE COMMISSARY AGENCY, MCAS, YUMA, AZ DEPARTMENT OF DEFENSE	DECA PROVIDES COMMISSARY SALES SERVICES (STOCK/PERSONNEL). MCASY PROVIDES FACILITIES, SUPPLY SUPPORT, AND SERVICES.

Activity Name / Military Service	Description of Activity Role and Degree of Support
DEFENSE REUTILIZATION AND MARKETING REGION, OGDEN, UT DEPARTMENT OF DEFENSE	DRMO MAINTAINS A BRANCH OFFICE AT MCASY AND IS THE HOLDING ACTIVITY FOR SAN DIEGO REGION. MCASY PROVIDES FACILITIES, SERVICES, SUPPLY SUPPORT AND UTILITIES.
DEFENSE FINANCE & ACCOUNTING OFFICE, KANSAS CITY, MO DEPARTMENT OF DEFENSE	DFAS MAINTAINS A BRANCH OFFICE AT MCASY AND PROVIDES FINANCE AND ACCOUNTING SERVICES. MCASY PROVIDES FACILITIES, SERVICES, SUPPLY SUPPORT AND UTILITIES.
DEFENSE SUBSISTENCE REGION - PACIFIC, ALAMEDA, CA DEPARTMENT OF DEFENSE	DEFENSE SUBSISTENCE REGION EMPLOYEE INSPECTS COMMODITIES AT MCASY. MCASY PROVIDES TELEPHONE SUPPORT FOR EMPLOYEE WHEN S/HE IS AT THE AIR STATION.
22D AIR REFUELING WING, MARCH AIR FORCE BASE, CA DEPARTMENT OF AIR FORCE	AIR FORCE PRE-POSITIONS WAR READINESS MATERIALS AT STRATEGIC SITES. MCASY PROVIDES STORAGE FACILITIES FOR WRM.
YUMA PROVING GROUNDS, YUMA, AZ DEPARTMENT OF ARMY	MCASY SCHEDULES AIRSPACE OVER YPG AND ESTABLISHES STANDARD COORDINATION AND RECOVERY PROCEDURES BETWEEN MCASY AND YPG LAGUNA AIRFIELD.
832D COMBAT SUPPORT GROUP, LUKE AFB, AZ DEPARTMENT OF AIR FORCE	MCASY ESTABLISHES COORDINATION AND SCHEDULING PROCEDURES BETWEEN 832CSG AND MAWTS-1 FOR WTI COURSE SCHEDULING.
SW AIR DEFENSE SECTOR MARCH AFB, CA DEPARTMENT OF AIR FORCE	MCASY PROVIDES RADAR OPERATIONS IN SUPPORT OF AIR DEFENSE AIR SOVEREIGNTY AND COUNTERNARCOTICS OPERATIONS.

Activity Name / Military Service	Description of Activity Role and Degree of Support
855TH MILITARY POLICE COMPANY, YUMA, AZ AZ ARMY NATIONAL GUARD	MCASY PROVIDES AN ALTERNATE ASSEMBLY AREA IN EVENT OF MOBILIZATION.

29. List all formal support agreements and other arrangements that involve supporting other governmental agencies (federal, state, local or international) or civilian activities at the air station.

Table 29.1 Other Agencies

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
U.S.FISH & WILDLIFE, MARTINEZ LAKE, AZ DEPARTMENT OF INTERIOR	MCASY PROVIDES REFUSE DISPOSAL SPACE AT THE MARTINEZ LAKE RECREATION AREA FOR FISH & WILDLIFE CONSERVATION ACTIVITIES ALONG THE COLORADO RIVER.
U.S.FISH & WILDLIFE, ALBUQUERQUE, NM	MCASY PROVIDES SERVMART SUPPLY SUPPORT FOR FISH & WILDLIFE PERSONNEL IN THE YUMA COUNTY AREA.
DEPARTMENT OF HOUSING & URBAN DEVELOPMENT, SOMERTON, AZ DEPARTMENT OF HUD	MCASY PROVIDES SERVMART SUPPLY SUPPORT FOR HUD OPERATIONS IN YUMA.
WESTERN AREA POWER ADMINISTRATION, PHOENIX, AZ DEPARTMENT OF ENERGY	MCASY PROVIDES AVIATION FUEL FOR DOE HELICOPTERS ON AN EMERGENCY BASIS.
INDIAN HEALTH SERVICE, FT. YUMA HOSPITAL, YUMA, AZ DEPARTMENT HEALTH & HUMAN SERVICES	MCASY PROVIDES FOR PROCUREMENT OF SERVMART SUPPLIES.

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
BUREAU OF LAND MANAGEMENT, YUMA, AZ DEPARTMENT OF INTERIOR	MCASY TRANSPORTS BLM PERSONNEL TO FIRES, PROVIDES HAZARDOUS WASTE RESPONSE AND TRAINING, AND NATURAL RESOURCES SUPPORT. ADDITIONALLY, THE ISA PROVIDES FOR THE COOPERATIVE SHARING OF CONSTRUCTION EQUIPMENT.
INDIAN HEALTH SERVICE, PHS INDIAN HOSPITAL, PARKER, AZ DEPARTMENT OF HEALTH & HUMAN SERVICES	MCASY PROVIDES PROCUREMENT OF GENERAL SERVMART SUPPLIES.
BUREAU OF RECLAMATION, YUMA, AZ DEPARTMENT OF INTERIOR	MCASY PROVIDES PROCUREMENT OF GENERAL SUPPLIES FROM SERVMART.
BUREAU OF INDIAN AFFAIRS, FT. YUMA, YUMA, AZ DEPARTMENT OF INTERIOR	MCASY PROVIDES FOR PROCUREMENT OF GENERAL SUPPLIES FROM SERVMART.
U.S. BORDER PATROL, EL CENTRO, CA DEPARTMENT OF NATURALIZATION & IMMIGRATION	MCAS PROVIDES FOR PROCUREMENT OF GENERAL SUPPLIES FROM SERVMART FOR BORDER PATROL OFFICES IN THE EL CENTRO AREA.
U.S. BORDER PATROL, YUMA, AZ DEPARTMENT OF NATURALIZATION & IMMIGRATION	MCAS PROVIDES FOR PROCUREMENT OF GENERAL SUPPLIES FROM SERVMART FOR BORDER PATROL OFFICES IN THE YUMA SECTOR. IN ADDITION, THE ISA PROVIDES FOR EMERGENCY HELICOPTER EVACUATION, MINOR HELICOPTER MAINTENANCE AND FUEL PURCHASES..

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
INTERNATIONAL BOUNDARY & WATER COMMISSION, YUMA, AZ DEPARTMENT OF STATE	MCASY PROVIDES FOR PROCUREMENT OF GENERAL SUPPLIES FROM SERVMART.
WHITE HOUSE COMMUNICATIONS AGENCY, WASHINGTON, DC	MCASY PROVIDES SUPPORT TO MAINTAIN SHORT NOTICE DEPLOYMENT CAPABILITY OF THE LUKE COMMUNICATION SUPPORT TEAM.
FEDERAL AVIATION ADMINISTRATION, LOS ANGELES, CA	PROVIDE FOR FAA OPERATION OF THE OMNI-REIL, AVASI AND DF SYSTEMS AT MCASY; SERVMART SUPPORT; JOINT UTILIZATION OF THE ASR-8 RADAR; AND SPACE FOR AN FAA REP AT MCASY.
NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT	MCASY PROVIDES WEATHER OBSERVATIONS, COMPUTES AND TRANSMITS OVER CONUS METEOROLOGICAL DATA SYSTEM DAILY, AND PROVIDES SPUR CIRCUIT TO NWS OFFICE IN YUMA. (MCASY HAS THE WEATHER CHANNEL.)
SANTA FE PACIFIC PIPELINE PARTNERS, L.P., LOS ANGELES, CA	MCASY GRANTS LICENSE; SANTA FE PIPELINE MAINTAINS A 6' PIPELINE AND RELATED FACILITIES, AND TWO JET FUEL STORAGE TANKS ON STATION PROPERTY.
DOUGLAS AIRCRAFT COMPANY, YUMA, AZ	MCASY ESTABLISHES RESPONSIBILITIES FOR PROVISION OF ATC SUPPORT FROM MCAS TO DACO.
MARINE AIR FEDERAL CREDIT UNION, YUMA, AZ	MCASY PROVIDES SPACE; CREDIT UNION MAINTAINS AND OPERATES A CREDIT UNION BRANCH ON STATION.
FIRST INTERSTATE BANK OF AZ, YUMA, AZ	MCASY PROVIDES SPACE; BANK MAINTAINS AND OPERATES A BRANCH OFFICE BANKING FACILITY ON STATION.

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
STATE AND LOCAL LAW ENFORCEMENT AGENCIES	PER MCO 3130.6: SECONDARY SAR MISSION TO PROVIDE HUMANITARIAN AIRLIFT/RESCUE SUPPORT ON AN "AS NEEDED"/AS AVAILABLE BASIS.
CITIES OF YUMA AND SOMERTON, AZ AND WINTERHAVEN, CA	MUTUAL FIRE FIGHTING ASSISTANCE
CA DEPARTMENT OF FISH & GAME, LONG BEACH, CA	MCASY PROVIDES ACCESS TO CHOCOLATE MOUNTAINS AERIAL GUNNERY RANGE (CMAGR); FISH & GAME DEVELOPS AND MAINTAINS WILDLIFE WATER SOURCES. (NOTE: MCASY IS RANGE MANAGER FOR CMAGR.)
IMPERIAL COUNTY PUBLIC WORKS, EL CENTRO, CA	MCASY PROVIDES ACCESS TO CMAGR; IMPERIAL COUNTY REMOVES SAND AND GRAVEL FROM A PIT LOCATED WITHIN THE RANGE.
IMPERIAL COUNTY IRRIGATION DISTRICT, IMPERIAL COUNTY, CA	MCASY PROVIDES EASEMENT FOR CONSTRUCTION, MAINTENANCE, OPERATION, REPAIR AND REPLACEMENT OF AN ELECTRICAL POWER LINE IN THE CMAGR.
YUMA COUNTY AIRPORT AUTHORITY, YUMA, AZ	MCASY PROVIDES AIRFIELD LIGHTING FROM 11 P.M. TO 6 A.M. DAILY AND PROVIDES LIMITED LIGHTING MAINTENANCE SUPPORT. (NOTE: MCASY IS FAA CERTIFICATE HOLDER FOR MCASY/YUMA INT'L AIRPORT.)
YUMA COUNTY, YUMA, AZ	MCASY PROVIDES EASEMENT FOR CONSTRUCTION, USE MAINTENANCE, OPERATIONS, REPAIR AND REPLACEMENT OF ACCESS ROAD 3E BETWEEN HWY 80 AND CO 13.
YUMA COUNTY, YUMA, AZ	MCASY PERMITS USE OF PASSENGER RAMP AND STARTING UNIT, AND EASEMENT FOR ROAD ACROSS STATION LAND.

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
CITY OF YUMA, YUMA, AZ	MCASY PROVIDES EASEMENTS FOR SEWER INJECTION STATION, TRUNK SEWER EXTENSION, EMERGENCY WATER INTERTIE, AND TRAFFIC LIGHTS AT MAIN GATE AND AT NORTH GATE.
U.S.GEOLOGICAL SURVEY, PASADENA, CA	MCASY PROVIDES TRACTS OF LAND IN CMAGR AND THE BARRY M. GOLDWATER RANGE (R2301W) FOR USGS' MAINTENANCE OF SEISMIC INSTRUMENT STATIONS.
U.S.CUSTOMS SERVICE, YUMA, AZ DEPARTMENT OF IMMIGRATION & NATURALIZATION	MCASY PROVIDES ACCESS TO RADAR AIR TRAFFIC CONTROL FACILITIES AND BASIC ASR-8 RADAR TRAINING FOR THE PURPOSE OF ENHANCING AIR SMUGGLING OF ILLICIT DRUG INTERDICTION.
FEDERAL AVIATION ADMINISTRATION, ALBUQUERQUE CENTER, ALBUQUERQUE, NM	MCASY ESTABLISHES PROCEDURES FOR COORDINATING AIR TRAFFIC AND RADAR HANDOFF PROCEDURES BETWEEN ALBUQUERQUE CENTER AND MCASY APPROACH CONTROL.
FEDERAL AVIATION ADMINISTRATION , AIRWAYS FACILITIES	FAA PROVIDES INSTALLATION, OPERATION, MAINTENANCE, SUPPLY SUPPORT AND ACCOUNTABILITY OF MALS/R CONTROL EQUIPMENT INSTALLED IN ATC TOWER AT MCASY.
REAGAN PROTECTIVE SERVICES; FORD PROTECTIVE SERVICES U.S. SECRET SERVICE	AGREEMENTS PROVIDE FOR THE EMERGENCY EVACUATION OF EITHER OR BOTH FORMER PRESIDENTS REAGAN AND FORD FROM THE CALIFORNIA AREA.

LOCATION

Proximity to Operational Mission Areas

30.a. Describe the areas where aircraft based at this air station routinely conduct operational missions (vice training missions). Include details on the distance from the air station, average transit times and average length of time the aircraft spend in the operating areas.

STATION C-12:

EL TORO ..... 200 NM 1 HR ENROUTE
CAMP PENDLETON ..... 200 NM 1 HR ENROUTE
29 PALMS ..... 150NM 45 MIN ENROUTE
SAN DIEGO .....
150 NM 45 MIN ENROUTE (MEDIVAC FLIGHTS
..... INCLUDED)
LUKE AFB ..... 150 NM 45 MIN ENROUTE
PHOENIX ..... 150 NM 45 MIN ENROUTE

HH-1N (SAR HELOS):

35 NM NORMAL OPERATING RANGE; 150 NM, EMERGENCIES ONLY.

MOST MAG-13 MISSIONS ARE TRAINING EVOLUTIONS WITH THE EXCEPTION OF CARRIER QUALIFICATIONS, WHICH ARE GENERALLY CONDUCTED OFF THE COAST OF SAN DIEGO, CA. DISTANCE IS 140 NM AND LENGTH OF OPERATIONS IS DEPENDENT ON WHETHER OR NOT AIRCRAFT ARE BASED ABOARD SHIP.

30.b. Does the location of the air station permit any specialized training with other operational units (i.e. Battle Groups or Joint forces)? If so, provide details.

YES. THE LOCATION CLOSE TO THE RANGES AND ONLY 180 MILES FROM THE CALIFORNIA COAST ALLOWS UNITS FROM THIS BASE TO TRAIN IN JOINT OPERATIONS WITH AIR ELEMENTS OF THE PACIFIC FLEET AND TOPGUN UNITS. THE LOCATION, ALSO PERMITS ROUTINE GARRISON AIR INTERCEPT AND DATA LINK TRAINING WITH AIR FORCE UNITS BASED AT LUKE AND DAVIS-MONTHAN AIR FORCE BASES. OTHER AIR FORCE UNITS SUCH AS THE 28TH BOMB WING FROM SOUTH DAKOTA WILL FLY TO THE MCAS AREA, ENGAGE IN TRAINING WITH AIR DEFENSE UNITS AND RETURN TO THEIR HOME BASE ON THE SAME DAY.

30.c. Do squadrons routinely have to deploy to conduct carrier qualifications or other required training?

YES. MAG-13 UNITS DEPLOY TO NAS NORTH ISLAND TO ACCOMPLISH CARRIER QUALIFICATION ON THE LHA.**Proximity to other support facilities**

31.a. List all primary airfields in the local flying area that are available for training and emergency uses.

Table 31.1 Local Airfields

Airfield Name	Major Use / Capability	Location / Distance
NAF EL CENTRO	FCLP, REFUELING, DIVERT AIRPORT/EMERGENCY USE	55 NM W
NAS MIRAMAR	REFUELING	126 NM NW
LUKE AFB	REFUELING	150 NM NE
MARCH AFB	REFUELING	153 NM NW
DAVIS-MOTHAN AFB	REFUELING	192 NM E
AUX - 2	TACTICAL LANDING ZONE OPS	7 NM SE

31.b. What other military facilities located in the vicinity are/could be used to support the air station's and tenants' mission?

Table 31.2 Other Military Facilities

Military Facility Name	Actual / Proposed Use	Distance
LAGUNA ARMY AIRFIELD	OFFICIAL BUS, REFUELING	17 NM NE
GILA BEND AUX AIRFIELD	AF DIVERT AIRPORT/EMERGENCY USE	112 NM E

YUMA PROVING GROUND	TEST/DEVELOPMENT/TRAINING	40 NM N

31.c. What civilian-owned facilities located in the vicinity are/could be used to support the air station's and tenants' mission?

Table 31.3 Civilian Facilities

Civilian Facility Name	Actual / Proposed Use	Distance
BLYTHE AIRPORT	DIVERT/EMERGENCY	53 NM NW
HOLTVILLE AIRFIELD	AUSTERE SITE OPS	36 NM W
ROLLE AIRFIELD	UNCONTROLLED, CIV/MIL USE	10 NM S

Location

Proximity to Major Transportation Nodes

32. List the major transportation facilities (both military and civilian) that play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

Table 32.1 Transportation Nodes

Facility	Mobilization Role	Location
*TRAVIS AFB	APOE FOR BULK CARGO AND MATERIAL	CALIFORNIA
(SP) SOUTHERN PACIFIC RAIL	COMMERCIAL RAIL SIDING	YUMA, ARIZONA
BLAISDELL RAIL (YPG)	MILITARY RAIL SIDING, RAIL AMMO/BULK CARGO MATERIAL	(YPG) YUMA, ARIZONA
MCAS YUMA	CONTAINERIZATION (ON STATION) DESIGNATED SITES	MCAS YUMA, ARIZONA

*** NORTON AFB CA USED TO BE THE APOE FOR BULK CARGO AND MATERIAL AND HAS SINCE CLOSED. MCAS YUMA HAS ACQUIRED THE SAME ABILITIES TO SERVE AS THE APOE FOR PERSONNEL, CARGO, AND MATERIAL PROVIDING PERSONNEL ARE AUGMENTED TO OPERATE EQUIPMENT.**

Features and Capabilities - Weather

33.a. What percentage of the time (on average, by month) does the local weather affect training operations and restrict airfield sortie rates? Use the following chart and add any further descriptions on how weather generally impacts airfield and training operations (recurring wind or fog conditions, etc.). Also fill out the chart for outlying fields if the information is available.

Table 33.1 Weather Information

Field Name: MCAS YUMA, AZ

Month	% of Hours[1] VMC	% of Hours IMC	% of Hours Below 200 ft Ceilings and 1/2 Mile Visibility	% of All Sorties Canceled[2] Due to Weather
Jan.	99	1	LESS THAN .5%	
Feb.	99	1	LESS THAN .5%	
Mar.	99	1	LESS THAN .5%	
Apr.	99	1	LESS THAN .5%	
May	99	1	LESS THAN .5%	
June	99	1	LESS THAN .5%	
July	99	1	LESS THAN .5%	
Aug.	99	1	LESS THAN .5%	
Sept.	99	1	LESS THAN .5%	

[1] Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).

[2] Only include lost sorties (do not include sorties delayed or rescheduled).

Oct.	99	1	LESS THAN .5%	
Nov.	99	1	LESS THAN .5%	
Dec.	99	1	LESS THAN .5%	

NOTE: See Paragraph 33e

33.b. List the normal operating schedule used for the calculations on the previous table. Indicate if this schedule varies by month or season.

Table 33.2 Operating Hours

Day	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Operating Schedule	24HR	24HR	24HR	24HR	24HR	24HR	24HR

33.c. Do local weather conditions have a regular impact on maintenance schedules? If so, describe how the air station accommodates these conditions.

YES. LOCAL WEATHER CONDITIONS IMPACT MAINTENANCE SCHEDULES DURING THE SUMMER. AMBIENT OUTSIDE TEMPERATURES DURING THE DAY ARE TOO HOT FOR MARINES TO WORK ON METAL EQUIPMENT OUTSIDE OR INSIDE OF SOME METAL SHELTERS. MCAS YUMA ATTEMPTS TO ACCOMMODATE THESE CONDITIONS BY PROVIDING SOME COVERED WORK AREAS NEAR MAINTENANCE FACILITIES AND BY ALTERING THE WORK SCHEDULE TO "DESERT HOURS" DURING THE SUMMER MONTHS. ALSO, HEAT STRESS ON EQUIPMENT REQUIRES SOME INCREASED MAINTENANCE.

33.d. Do the normal weather conditions at the most frequently used training areas pose a significant problem for scheduling training sorties? If so, are alternate training areas used? Does the use of alternate training facilities involve relocating aircraft and support personnel to other air stations during certain times of the year?

NO. INCLEMENT WEATHER IS RARELY A PROBLEM FOR SCHEDULING TRAINING SORTIES.

33.e. Does the local climate and geography provide unique training opportunities to the aircraft assigned to the air station (e.g., frequent opportunities for all-weather

training)?

YES. VISUAL FLIGHT RULES EXIST AT YUMA 99.3% OF THE TIME. THE NUMBER OF SORTIES LOST DUE TO BAD WEATHER IS INFINITESIMAL. THAT IS ONE REASON WHY SUCH A LARGE NUMBER OF UNITS DEPLOY HERE FOR TRAINING.

THE COMBINATION OF GOOD FLYING WEATHER, NO AMBIENT LIGHT DUE TO LACK OF DEVELOPMENT AROUND THE RANGES AND THE VARIED GEOGRAPHY AVAILABLE ON THE RANGES (FLAT DESERT, HILLY TERRAIN, MOUNTAINS, RIVERS, ETC.) HAVE ALL CONTRIBUTED TO MCAS YUMA BECOMING, IN EFFECT, THE MARINE CORPS AVIATION NIGHT VISION WARFARE TRAINING CENTER OVER THE PAST THREE YEARS. THE GOOD WEATHER AND LACK OF AMBIENT LIGHT ARE ESSENTIAL IN TRAINING ENTRY LEVEL NVG PILOTS.

THESE WEATHER FACTORS ALSO AFFORD MACS-7 AN EXTREMELY HIGH VOLUME OF SORTIES FOR GCI TRAINING.

Encroachment

34.a. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned AICUZ restrictions (i.e., safety of flight, noise)? Attach a copy of any applicable sections of the air station AICUZ plan and note any recent modifications.

ALTHOUGH YUMA IS ONE OF THE FASTEST GROWING COMMUNITIES IN THE UNITED STATES, THE COUNTY AND CITY GOVERNMENTS RECOGNIZE THE VALUE OF THE AIR STATION TO THE REGION. THESE GOVERNMENTS HAVE ENACTED, AND ENFORCE, ZONING RESTRICTIONS THAT LIMIT ENCROACHMENT, PROTECT SAFETY OF FLIGHT, SAFETY OF PERSONNEL ON THE GROUND, AND LIMIT THE ADVERSE IMPACT OF AIRCRAFT NOISE. THE LOCAL GOVERNMENTS ARE SENSITIVE TO ENCROACHMENT PRESSURES AND HAVE BEEN VERY SUPPORTIVE OF THE AIR STATION.

IN ADDITION, THE STATE OF ARIZONA, THROUGH SENATE BILL 1011, HAS MADE IT MANDATORY THAT "ANY POLITICAL SUBDIVISION HAVING TERRITORY IN THE VICINITY OF A MILITARY AIRPORT SHALL ADOPT LAND USE PLANS AND ADOPT AND ENFORCE ZONING REGULATIONS TO ASSURE DEVELOPMENT COMPATIBLE WITH THE HIGH NOISE AND ACCIDENT POTENTIAL GENERATED BY PUBLIC HEALTH AND SAFETY." BOTH THE CITY AND COUNTY OF YUMA HAVE ADOPTED ZONING

REGULATIONS CONCERNING COMPATIBLE LAND USES WITHIN THE AICUZ AND, GENERALLY, THESE LOCAL REGULATIONS CLOSELY RESEMBLE THE FEDERAL GUIDELINES. CONSISTENT AND RECENT LOCAL ZONING ENFORCEMENT PROMOTES LOW DENSITY INDUSTRIAL USE IN THE ACCIDENT POTENTIAL ZONES (APZ'S) AND PROHIBITS NOISE SENSITIVE USES IN THE HIGH NOISE ZONES.

34.b. .Are there any known plans for a significant increase of commercial airline traffic in your area? If so, describe.

CIVILIAN AIRLINE TRAFFIC HAS REMAINED RELATIVELY STATIC OVER THE PAST FIVE YEARS. THERE ARE THREE COMMUTER AIRLINES THAT SERVE YUMA. THE COMMERCIAL/PRIVATE AVIATION ACTIVITY HAS NOT HAD AN ADVERSE IMPACT ON MILITARY OPERATIONS. HOWEVER, IT IS ESTIMATED THERE WILL BE A "GRADUAL" INCREASE OVER A 3-5 YEAR PERIOD DUE TO THE POSSIBLE CONSTRUCTION/COMPLETION OF A CIVILIAN CARGO TERMINAL AND PARKING APRON ON THE WEST SIDE OF THE AIRFIELD. TO DATE THERE HAVE BEEN NO AIR CARGO CARRIERS IDENTIFIED TO OPERATE OUT OF YUMA.

35.a. Have there been any ATC delays (15 minutes or greater) between initial take-off request and actual take-off during the past three years as a result of civilian traffic? If so, please complete the following table.

NO

Table 35.1 Delays

Fiscal Year	Average Delay (minutes)	Number of Delays	% of Total Flight Operations Scheduled
1991			
1992			
1993			

35.b. How many times during each of the past three years have any of your low level training routes been modified to accommodate development or population growth (noise complaints)?

NONE

Table 35.2 Required Changes

Fiscal Year	Number of changes
1991	
1992	
1993	

36.a. Is the existing AICUZ study encoded in local zoning ordinances?

YES. IN 1978 MCAS YUMA PREPARED AND PRESENTED THE FIRST AICUZ TO LOCAL OFFICIALS. AT THAT TIME, THE CITY AND COUNTY HIRED A LOCAL CONSULTANT (VAN HOUTEN) TO STUDY NOISE IMPACTS. AFTER REVIEWING BOTH OUR AICUZ AND THE VAN HOUTEN STUDY, BOTH THE CITY AND THE COUNTY ADOPTED THE AICUZ AND AIRPORT DISTRICT BASED ON THE VAN HOUTEN STUDY. THE AIRPORT DISTRICT OVERLAY PROVIDES THE ENFORCEMENT POWER OF AN ORDINANCE AND ENSURES ALL DEVELOPMENTS ARE SCREENED BY THESE GUIDELINES.

CMC LTR 11000 LFL/F500 OF 31 MAY 94 APPROVED THE AICUZ STUDY FOR AUX 2. MCAS YUMA IS CURRENTLY WORKING WITH THE COUNTY OF YUMA TO ADOPT THE STUDY AND UPDATE THE AIRPORT DISTRICT.

36.b. Provide a description of local zoning ordinances and their impact on future encroachment, restricted flight hours and details of any litigation history.

LOCAL ZONING ORDINANCES ARE GEARED TO PROTECT AGAINST INCOMPATIBLE DEVELOPMENT WITHIN HIGH NOISE CONTOURS SURROUNDING THE AIRPORT. FLIGHT HOURS ARE RESTRICTED DUE TO MONETARY CONSIDERATIONS AND NOT DUE TO AIRCRAFT NOISE. IN 1988 AND 1989 THERE WERE TWO CONDEMNATION CASES INVOLVING THE PURCHASE OF INCOMPATIBLE USE PARCELS WITHIN A RUNWAY CLEAR ZONE. YUMA COUNTY HAS AGGRESSIVELY DEFENDED A "DOWN ZONING" ACTION AGAINST A PRIVATE LAND DEVELOPER. THE ZONING WAS REDUCED FROM RESIDENTIAL TO AGRICULTURAL. POPULAR OPINION SUPPORTS PROTECTION OF THE AIR STATION.

THE LAND AREA WITHIN THE AIRPORT OVERLAY/MCAS NOISE ZONES HAVE BEEN ACCORDED SPECIAL TREATMENT BY CITY AND COUNTY STANDARDS. SINGLE FAMILY USES ARE SEVERELY LIMITED--EVEN PROHIBITED--INSIDE THE 70 LDN NOISE CONTOUR AND BOTH CONSTRUCTION MATERIALS AND SPECIAL BUILDING TECHNIQUES FOR REQUIRED NOISE ATTENUATION STANDARDS ARE REQUIRED FOR ALL TYPES OF USES IN NOISE ZONES ABOVE THE 65 DECIBEL LEVEL.

(1) THE YUMA COUNTY ZONING MAP LEGEND IS AS FOLLOWS:

ZONING ABBREVIATIONS	ZONING DISTRICT TITLE	MINIMUM LOT SIZE
HI	HEAVY INDUSTRIAL	8,000 SQ FT
LI	LIGHT INDUSTRIAL	8,000 SQ FT
C-2	COMMERCIAL (GENERAL)	8,000 SQ FT
C-1	COMMERCIAL (LOCAL)	8,000 SQ FT
R-3	HIGH DENSITY RESIDENTIAL	2,000 SQ FT
R-2	INTERMEDIATE DENSITY RESIDENTIAL	4,000 SQ FT
RVP	RECREATIONAL VEHICLE PARK	1,200 SQ FT
RVS	RECREATIONAL VEHICLE SUBDIVISION	2,400 SQ FT
MHP	MOBILE HOME PARK	3,200 SQ FT
MHS	MOBILE HOME SUBDIVISION	4,500 SQ FT
R-1-6	LOW DENSITY RESIDENTIAL	6,000 SQ FT
R-1-8	LOW DENSITY RESIDENTIAL	8,000 SQ FT
R-1-12	LOW DENSITY RESIDENTIAL	12,000 SQ FT
R-1-20	LOW DENSITY RESIDENTIAL	20,000 SQ FT

ZONING ABBREVIATIONS	ZONING DISTRICT TITLE	MINIMUM LOT SIZE
R-1-40	LOW DENSITY RESIDENTIAL	40,000 SQ FT
SR-1	SUBURBAN RANCH	1 ACRE
SR-2	SUBURBAN RANCH	2 ACRES
SR-3	SUBURBAN RANCH	3 ACRES
SR-4	SUBURBAN RANCH	4 ACRES
RA-5	RURAL AREA	5 ACRES
RA-10	RURAL AREA	10 ACRES
RA-20	RURAL AREA	20 ACRES
RA-40	RURAL AREA	40 ACRES

(2) THE FOLLOWING IS THE COUNTY LAND USE MATRIX IN APZ AND

CLEAR ZONES:

ACTIVITIES & LAND USES	CLEAR ZONE	APZ-1	APZ-2
RESIDENTIAL-LOW, MEDIUM, & HIGH DENSITY	N	N	N
RECREATIONAL VEHICLE PARKS	N	N	N
INSTITUTIONAL FACILITIES	N	N	N
COMMERCIAL-OFFICE-- PROFESSIONAL, BUSINESS	N	N	N
COMMERCIAL-RESTAURANT, BAR, MOTEL	N	N	N
COMMERCIAL-RETAIL-- GENERAL MERCHANDISE	N	N	N
INDOOR AUDITORIUM-ASSEMBLY	N	N	N
OUTDOOR-SPORTS ARENA	N	N	N
INDUSTRIAL	N	25	50
OPEN SPACE AGRICULTURAL BLDGS	N	10	P
OPEN SPACE RECREATIONAL BLDGS	N	N	N
OPEN SPACE RECREATIONAL AREA	N	N	N

P-PERMITTED N-LAND USE NOT PERMITTED 50 PERSON ASSEMBLY IN A BLDG OR AREA (PER ACRE)

(3) THE FOLLOWING IS THE COUNTY LAND USE RESTRICTIONS & NOISE LEVEL REDUCTION (NLR) REQUIREMENTS:

ACTIVITIES & LAND USES	65-70 dB	70-75dB	>75dB
RESIDENTIAL-LOW DENSITY NOT TO EXCEED THE RESIDENTIAL DENSITY PERMITTED UNDER R-1-6	NLR 25 + FOOTNOTE B	*N	N
RESIDENTIAL-MEDIUM DENSITY NOT TO EXCEED THE RESIDENTIAL DENSITY PERMITTED UNDER R-2	NLR 25 + FOOTNOTE B	*N	N
RESIDENTIAL -HIGH DENSITY NOT TO EXCEED THE RESIDENTIAL DENSITY PERMITTED UNDER R-3	NLR 25 + FOOTNOTE B	*N	N
RECREATIONAL VEHICLES	*N	N	N

	B, C		
MOBILE HOMES	NLR 25 + FOOTNOTE B, C	N	N

P-PERMITTED WITH CONVENTIONAL CONSTRUCTION
N-LAND USE NOT PERMITTED
NLR-NOISE LEVEL REDUCTION DECIBEL

*B-THE PROPERTY OWNER MUST RECORD AN AVIATION EASEMENT ON THE PROPERTY.

*C-THE PROPERTY OWNER IS REQUIRED TO GIVE TENANTS WRITTEN NOTIFICATION THAT THEY ARE GOING TO BE RESIDENT IN THE 65 TO 70 DB AIRPORT NOISE ZONE.

(4) THE FOLLOWING IS A LIST OF NOISE LEVEL REDUCTION (NLR) REQUIREMENTS FOR STRUCTURES:

ACTIVITIES AND LAND USES	65-70dB	70-75 dB	>75dB
INSTITUTIONAL FACILITIES	NLR 25	N	N
COMMERCIAL-OFFICE, PROFESSIONAL BUSINESS	P	NLR 30	NLR 35
COMMERCIAL-RESTAURANT, BAR, MOTEL	P	NLR 30	NLR 35
COMMERCIAL-RETAIL, GENERAL MERCHANDISE	P	NLR 25	NLR 30
INDOOR AUDITORIUM-ASSEMBLY	P	NLR 30	NLR 35
INDUSTRIAL	P	NLR 25	NLR 30

P-PERMITTED WITH CONVENTIONAL CONSTRUCTION.
N-LAND USE NOT PERMITTED.
NLR-NOISE LEVEL REDUCTION DECIBEL.

(5) THE FOLLOWING IS THE CITY LAND USE MATRIX IN APZ & CLEAR ZONES:

LAND USE CATEGORY	65-70	70-75	>75	APZ-2	APZ-1	CZ
RESIDENTIAL:						
SINGLE-FAMILY, TWO-FAMILY, MULTIFAMILY	25	N	N	N	N	N
MANUFACTURED HOUSING RECREATIONAL VEHICLES	N	N	N	N	N	N
OTHER RESIDENTIAL:						
GROUP QUARTERS	25	N	N	N	N	N
COMMERCIAL:						
HOTELS & MOTELS	25	30	35	N	N	N
RESORT MOTELS & GUEST RANCHES	25	30	N	N	N	N
HOSPITALS, MEDICAL & DENTAL OFFICES; OTHER HEALTH CARE & SUPERVISORY SERVICES	25	30	N	N	N	N
RETAIL SALES: GENERAL MERCHANDISE, FOOD, DRUGS HARDWARE, APPAREL, ETC.	NR	25	30	N	N	N
RETAIL SALES: BUILDING MATERIALS, FARM EQUIPMENT, AUTOMOTIVE, MARINE, MANUFACTURED HOMES, RECREATIONAL VEHICLES & ACCESSORIES	NR	1	2	3A.4	N 3A, 5	N
OTHER RETAIL SALES	NR	25	30	N 3A, 4	N	N
RESTAURANTS, EATING & DRINKING ESTABLISHMENTS	NR	25	30	N	N	N
SERVICES: FINANCE, REAL ESTATE, INSURANCE, PROFESSIONAL & GOVERNMENT OFFICES	25	30	35	3B,4	N	N
PERSONAL SERVICES: BARBER & BEAUTY SHOPS, LAUNDRY & DRY CLEANING, ETC	NR	25	30	3A,4	N	N

LAND USE CATEGORY	65-70	70-75	>75	APZ-2	APZ-1	CZ
AUTOMOBILE SERVICE STATIONS	NR	NR	30	N	N	N
REPAIR SERVICES	NR	1	2	3A,4	3A,5	N
INDUSTRIAL						
PROCESSING OF FOOD, WOOD & PAPER PRODUCTS; PRINTING & PUBLISHING; WAREHOUSES, WHOLESALE & STORAGE ACTIVITIES	NR	1	2	3A,4	3A,5	N
REFINING, MANUFACTURING & STORAGE OF CHEMICALS, PETROLEUM & RELATED PRODUCTS;MANUFAC-TURING & ASSEMBLY OF APPAREL, FURNITURE, ELECTRONIC COMPONENTS	NR	1	2	N	N	N
MANUFACTURING OF STONE, CLAY, GLASS, LEATHER, GRAVEL & METAL PRODUCTS; CONSTRUCTION & SALVAGE YARDS; NATURAL RESOURCE EXTRACTION & PROCESSING; AGRICULTURAL MILLS & GINS	NR	1	2,5	3A,4 6	3A,5 6	N

LAND USE CATEGORY	65-70	70-75	>75	APZ-2	APZ-1	CZ
PUBLIC & QUASI-PUBLIC						
EDUCATIONAL FACILITIES	25	N	N	N	N	N
RELIGIOUS FACILITIES, LIBRARIES, MUSEUMS, GALLERIES, CLUBS, & LODGES	25	30	N	N	N	N
CEMETERIES	NR	1	2	3A,7	3A,7	N
GOVERNMENT (NON-OFFICE)	NR	1	2,5	3A,4 6	3A,5 6	N
RECREATION						
INDOOR RECREATION, AMUSEMENTS, ATHLETIC CLUBS, GYMS, & SPECTATOR EVENTS	NR	25	30	N	N	N
OUTDOOR SPORTS EVENTS, ENTERTAINMENT & PUBLIC ASSEMBLY	NR	25	N	N	N	N
OUTDOOR RECREATION; TENNIS, GOLF COURSES, RIDING TRAILS, ETC.	NR	1	2,9	9	9	N
NEIGHBORHOOD PARK	NR	NR	9	N	N	N
COMMUNITY & REGIONAL PARKS	NR	NR	9	9	N	N
AGRICULTURE						
AGRICULTURE (EXCEPT LIVESTOCK)	NR	10	10	10	10	11

ANIMAL HUSBANDRY; LIVESTOCK, FARMING, BREEDING AND FEEDING; PLANT NURSERIES (EXCLUDING RETAIL SALES)	NR	10	10	10	10	N
MISCELLANEOUS						
TRANSPORTATION TERMINALS, UTILITY & COMMUNICATIONS FACILITIES	NR	NR	NR	12	12	N
VEHICLE PARKING	NR	NR	NR	NR	NR	N
SIGNS	NR	NR	13	13	13	N

LAND USE MATRIX FOOTNOTES

NR=NO RESTRICTIONS; N=NO NEW DEVELOPMENT

25, 30 OR 35-THE LAND USE OR ACTIVITY IS PERMITTED; HOWEVER, A NOISE LEVEL (NLR) OF 25, 30 OR 35 DECIBELS MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE STRUCTURE.

(1) A NLR OF 25 DB MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THOSE BUILDINGS OR STRUCTURES WHERE THE PUBLIC IS RECEIVED, OFFICE AREAS AND WHERE THE NORMAL NOISE LEVEL IS LOW.

(2) A NLR OF 30 DB MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THOSE BUILDINGS OR STRUCTURES WHERE THE PUBLIC IS RECEIVED, OFFICE AREAS AND WHERE THE NORMAL NOISE LEVEL IS LOW.

(3) THE NLR IN THE APZ IS DETERMINED BY THE DB ZONE IN WHICH THE MAJORITY OF THE PROPERTY LIES.

(A) NLR OF 25 DB REQUIRED IN 70-75 DB ZONE; NLR OF 30 DB REQUIRED IN 75+ DB.
(B) NLR OF 30 DB REQUIRED IN 70-75 DB ZONE; NLR OF 35 DB REQUIRED IN 75+ DB.

(4) A MAXIMUM OF ONE EMPLOYEE PER 3,500 SQUARE FEET OF NET LOT AREA SHALL BE ALLOWED.

(5) A MAXIMUM OF ONE EMPLOYEE PER 5,000 SQUARE FEET OF NET LOT AREA SHALL BE ALLOWED.

(6) USES WHICH PRODUCE AIR POLLUTANTS THAT MAY OBSCURE VISION IN ANY WAY, WHICH POSE A POTENTIAL EXPLOSIVE HAZARD ARE NOT PERMITTED.

(7) CHAPELS AND STRUCTURES OF PUBLIC ASSEMBLY FOR MORE THAN 10 PERSONS ARE NOT PERMITTED.

(8) OUTDOOR AMPHITHEATERS ARE NOT PERMITTED.

(9) PLACES AND/OR STRUCTURES OF PUBLIC ASSEMBLY FOR MORE THAN 10 PERSONS ARE NOT PERMITTED.

(10) RESIDENTIAL STRUCTURES ARE NOT PERMITTED.

(11) STRUCTURES ARE NOT PERMITTED IN THE CLEAR ZONE.

(12) MAJOR ABOVEGROUND TRANSMISSION LINES ARE NOT PERMITTED.

(13) SIGNS WITH FLASHING LIGHTS OR EXTERIOR LIGHT SOURCES ARE NOT PERMITTED

LITIGATION HISTORY - NONE

36c. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned missions/other operations/or development.?

POTENTIAL DEVELOPMENT OF THE "GREENBELT" AREA BETWEEN THE AIR STATION AND THE BARRY M. GOLDWATER RANGE MAY POSE PROBLEMS IN THE FUTURE. THE COUNTY BOARD OF SUPERVISORS HAS BEEN APPRISED OF THE SITUATION AND HAS BEEN CONSISTENT IN DENYING ZONING REQUESTS THAT WOULD PERMIT INCOMPATIBLE RESIDENTIAL DEVELOPMENT.

36.d. Provide a summary of the current and proposed land development plans for the area surrounding the air station (e.g. the local government's comprehensive land-use plan).

THERE IS SUBSTANTIAL GROWTH BOTH TO THE WEST AND TO THE SOUTH OF THE CITY OF YUMA. THE COLORADO RIVER AND CALIFORNIA PROVIDE NATURAL CONSTRAINTS TO GROWTH TO THE NORTH, AND THE MARINE CORPS AIR STATION AND ITS ASSOCIATED AICUZ CURTAILS GROWTH TO THE EAST FOR SOME DISTANCE. THIS PATTERN OF URBAN EXPANSION IS BEING SUPERIMPOSED UPON THE HISTORICALLY AND CURRENTLY SIGNIFICANT AGRICULTURAL LAND USES IN THE YUMA VALLEY (VEGETABLES, COTTON, SMALL GRAINS, AND OTHER CROPS) AND ON THE MESA.

TWO OBJECTIVES OF BOTH THE CITY AND COUNTY OF YUMA ARE:

(1) TO ENCOURAGE COMPATIBLE DEVELOPMENT SURROUNDING THE AIRPORT ZONES TO LESSEN LAND USE CONFLICTS AND HAZARDS TO HEALTH AND SAFETY.

(2) TO PROMOTE COMPATIBILITY IN LAND USES THROUGH APPROPRIATE ZONING AND SUBDIVISION REGULATIONS.

SEE ATTACHMENTS (1) AND (2) FOR THE GENERAL LAND USE PLAN MAPS FOR THIS AREA.

36.e. Discuss briefly any ongoing litigation concerning environmental or airspace problems.

THE ONLY LITIGATION AFFECTING AIRSPACE WAS SETTLED IN OCTOBER 1993. IN NATIONAL AUDUBON SOCIETY V. BABBITT, NO. C92-1641 (W.D. WASH. FILED OCT. 22, 1992), AIR OPERATIONS OVER THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE WERE FOUND TO BE GOVERNED BY A MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE MILITARY AND THE FISH AND WILDLIFE SERVICE. THE MOU IS CURRENTLY BEING REVISED BY A WORKING GROUP FROM THE MARINE CORPS, THE AIR FORCE, AND THE FISH AND WILDLIFE SERVICE. THERE WILL BE NO ADVERSE IMPACT TO AVIATION TRAINING IN THE AIRSPACE OVER THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE.

Features and Capabilities

Ability for Expansion

37. List the features of this air station that make it a candidate for basing other types of aircraft and other operational units in the future.

Air Station Feature	Benefit for Aircraft Squadrons
(APPROX.) 99% UNRESTRICTED FLYING WEATHER (VFR)	ALLOWS FOR THE UNLIMITED CONDUCT OF OPERATIONS TO AND FROM MCAS YUMA.
CLOSE PROXIMITY TO RANGES, TRAINING AREAS, RESTRICTED AREAS, ETC.	WITHIN TEN (10) MINUTES OF MCAS YUMA, PILOTS HAVE ACCESS TO 1.5 MILLION ACRES OF MANEUVERING/BOMBING RANGES AND TRAINING AREAS.
13,300' RUNWAY AND A 9,240' PARALLEL RUNWAY	ALLOWS FOR THE OPERATION(S) OF AIRCRAFT REGARDLESS OF SIZE AND TYPE AIRCRAFT.
EMPLOYMENT OF SOIR PROCEDURES	DEPENDENT UPON AIRCRAFT GROUP AND DISTANCE TO AN INTERSECTING RUNWAY(S), THIS ALLOWS US TO CONDUCT SIMULTANEOUS OPERATIONS ON INTERSECTING RUNWAYS (SOIR) WHICH RESULTS IN FEWER DELAYS FOR BOTH DEPARTURES AND ARRIVALS, WHICH ALLOWS US TO UTILIZE ALL RUNWAYS TO THEIR MAXIMUM CAPACITY.

AVAILABILITY OF LAND FOR EXPANSION TO SOUTH	MILCON PROJECT P-481, LAND ACQUISITION WOULD PURCHASE 1641 ACRES DIRECTLY SOUTH OF THE STATION. THE COST OF THIS PURCHASE IS $11.6M. THIS FY96 PROJECT WOULD PROVIDE THE AREA NEEDED FOR EXPANSION OF THE STATION ORDNANCE STORAGE AREA FREEING UP A GREAT DEAL OF SPACE ON THE PRESENT STATION TO EXPAND THE FLIGHTLINE. SEE DATA CALL 16 (CAPACITY) QUESTION 3B.
SUPPLY SUPPORT	CAN PROVIDE REPAIRABLE FOR OTHER TYPES OF AIRCRAFT.
CLOSE PROXIMITY TO TACTICAL LANDING ZONE SURFACES (TLZ)	C-130 TLZ TRAINING
MINIMAL OPERATIONAL ENCROACH-MENT	NOISE AND OVERFLIGHT WILL HAVE MINOR EFFECT ON THE COMMUNITY.
ADEQUATE INFRASTRUC-TURE	THERE ARE ADEQUATE UTILITIES IN PLACE TO SUPPORT SIGNIFICANT GROWTH.
CLOSE PROXIMITY TO URBAN AREA	THE STATION IS INSIDE YUMA, AZ CITY LIMITS AND IS MINUTES AWAY FROM ALL URBAN SERVICES.

38.a. Are there any assets in the vicinity of the air station that are currently not used because of a deficiency but could be improved or enhanced to increase the air station's capabilities?

AUX 2 IS NOT BEING USED TO ITS FULL POTENTIAL. IT IS CURRENTLY BEING UTILIZED BY PRIMARILY AV-8 HARRIERS, C-130'S, AND HELICOPTERS. A MILCON EXISTS, BUT IS UNFUNDED, TO BUILD A

COMPLEX CAPABLE OF HANDLING NOT ONLY CQ OPERATIONS BUT ALSO CONFINED AREA LANDINGS, SUCH AS ROAD OPERATIONS. CURRENTLY, UNITS MUST DEPLOY TO BOGUE FIELD, NC TO HAVE ACCESS TO THIS OPPORTUNITY. WHEN ENHANCED IT WOULD ALSO ALLOW FOR THE UTILIZATION BY ALL AIRCRAFT WITH AN UNLIMITED NUMBER OF VFR OPERATIONS (I.E., FCLPs/FBOs, TOUCH-&-GOs, ETC.)

38.b. Does the operational infrastructure (i.e., parking apron, fuel and munitions storage, warehouse space, hangar space) meet current requirements and provide capabilities for future expansion or change in mission?

WITH THE EXCEPTION OF SUPPLY STORAGE, THE OPERATIONAL INFRASTRUCTURE JUST BARELY MEETS MAG-13's REQUIREMENTS. HOWEVER, CURRENT FACILITIES COULD NOT PROVIDE FOR ANY FUTURE EXPANSION IN MAG-13 OPS. IN ORDER TO SURGE, THE CALA IS OFTEN USED, GREATLY REDUCING THE ABILITY TO LOAD ORDNANCE. CURRENT SUPPLY STORAGE MEETS CURRENT REQUIREMENTS. SUPPLY ADMINISTRATIVE SPACE IS LACKING. NO CAPACITY EXISTS FOR AN INCREASE IN MAG-13 SUPPLY MISSION.

FUEL STORAGE AND STATION WAREHOUSE SPACE MEET CURRENT REQUIREMENTS AND ARE CAPABLE OF MEETING FUTURE MISSION CHANGES OR EXPANSION REQUIREMENTS.

OPERATIONAL INFRASTRUCTURE IS CURRENTLY UTILIZED AND DOES NOT PROVIDE CAPABILITIES FOR FUTURE EXPANSION UNLESS LAND IS PURCHASED SOUTH OF THE CURRENT STATION BORDER.

39. Give the average level of SELRES drill participation for the past three years (i.e. percentage attending regular and make-up drills). These numbers should reflect the participation of the SELRES population reported in your Capacity Data Call.

	FY-1991	FY-1992	FY-1993
OFFICER	100%	100%	100%
ENLISTED	N/A	N/A	N/A

40. Does the local area provide a skilled work force that is essential for air station operations? Are these skills unique to the area or readily duplicated or available elsewhere?

THE LOCAL AREA DOES PROVIDE A SKILLED WORKFORCE. THESE SKILLS ARE NOT UNIQUE TO THE AREA AND CAN BE DUPLICATED OR ARE AVAILABLE ELSEWHERE.

Quality of Life

41. Military Housing

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? **NO**

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	**18**	**18**	---	---
Officer	3	**58**	**58**	---	---
Officer	1 or 2	**8**	**8**	---	---
Enlisted	4+	**84**	**84**	---	---
Enlisted	3	**331**	**331**	---	---
Enlisted	1 or 2	**322**	**322**	---	---
Mobile Homes	---	---	---	---	---
Mobile Home lots	---	---	---	---	---

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

NA

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

41.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1	**0**	**0**
	2	**0**	**0**
	3	**0**	**0**
	4+	**0**	**0**
O-4/5	1	**0**	**0**
	2	**0**	**0**
	3	**1**	**6 months**
	4+	**3**	**8 months**
O-1/2/3/CWO	1	**0**	**0**
	2	**13**	**12 months**
	3	**4**	**6 months**
	4+	**5**	**10 months**
E7-E9 (E7-E9*)	1	**0**	**0**
	2	**0**	**0**
	3	**23**	**6 months**
	4+	**20**	**8 months**
E1-E6 (E1-E5*)	1	**0**	**0**
	2	**186**	**10 months**
	3	**35**	**8 months**
	4+	**13**	**12 months**

[1]As of 31 March 1994

*** Marine Corps recognizes E6 and above as Staff NCO.**

41.a.(5)
What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

	Top Five Factors Driving the Demand for Base Housing
1	**Availability of affordable housing in the local community.**
2	**High utility costs especially during summer months.**
3	**Long commute distances because of seasonal trends in available housing in the community.**
4	**Security of dependents.**
5	**Convenience of services offered on the installation.**

Pay grades E1-E3 with three and more dependents are the most cost burdened because of high utility costs and lack of experience with family financial management.

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)? **100 percent**

All family housing units at MCASY meet the minimum design and life safety requirements, including built-in dishwashers, laundry equipment, hookups and central air conditioning.

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	**99.1**
Substandard	---
Inadequate	---

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason?

The only change has been the lack of families moving pursuant to PCSO during the first half of FY94 as compared to the first half of FY93, which recorded the movement of families at an all time high.

41.b. BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	**55%**
Substandard	**0**
Inadequate	**89%**

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No significant change in the utilization rate has been noted. The total utilization rate averages out to 72%, however, depending on the number and size of deployments to MCAS Yuma, the monthly utilization rate has, at times, exceeded 175%.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

AOB = (# Geographic Bachelors x average number of days in barracks)
365

AOB = TWENTY-SIX (26)

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	41	59	
Spouse Employment (non-military)	11	16	
Other	17	25	
TOTAL	69	100	

(5) How many geographic bachelors do not live on base?**41.c.** BOQ: -- TWENTY (20)

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	**70%**
Substandard	
Inadequate	**67%**

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No significant change in the utilization rate has been noted. Occupancy reflects primarily training deployments over which the billeting fund has no control, other than information as to number of available beds.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

AOB = (# Geographic Bachelors x average number of days in barracks)
365

AOB = FIVE (5)

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	3	25	
Spouse Employment (non-military)	5	42	
Other	4	33	
TOTAL	12	100	

(5) How many geographic bachelors do not live on base? -- FOUR (4)

On Base MWR Facilities

42. For on-base MWR facilities[1] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION MCAS YUMA **DISTANCE *1**

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	**9**	**Y**
	Outdoor Bays	**NA**	**NA**
Arts/Crafts	SF	**NA**	**NA**
Wood Hobby	SF	**NA**	**NA**
Bowling	Lanes	**12**	**Y**
Enlisted Club	SF	**14,520**	**Y**
Officer's Club *2	SF	**18,135**	**Y**
Library	SF	**3,756**	**NA**
Library	Books	**20,000**	**NA**
Theater	Seats	**307**	**Y**
ITT	SF	**214**	**N**
Museum/Memorial	SF	**NA**	**NA**
Pool (indoor)	Lanes	**NA**	**NA**
Pool (outdoor) **(2 Pools)**	Lanes	**8**	**N**
Beach	LF	**NA**	**NA**
Swimming Ponds	Each	**NA**	**NA**
Tennis CT	Each	**2**	**N**

[1]Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

***1 ALL FACILITIES ABOARD MCAS YUMA ARE WITHIN RELATIVE SHORT WALKING DISTANCE.**
***2 SNCO CLUB HAS 6,224 SQ FT (SHARED KITCHEN FACILITIES WITH O'CLUB).**

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	**3**	**N**
Basketball CT (outdoor)	Each	**NA**	**NA**
Racquetball CT	Each	**1**	**N**
Golf Course	Holes	**NA**	**NA**
Driving Range	Tee Boxes	**NA**	**NA**
Gymnasium	SF	**17,011**	**N**
Fitness Center ***3**	SF	**NA**	**N**
Marina	Berths	**NA**	**NA**
Stables	Stalls	**24**	**NA**
Softball Fld	Each	**3**	**N**
Football Fld ***4**	Each	**1**	**N**
Soccer Fld ***4**	Each	**1**	**N**
Youth Center	SF	**5,766**	**N**
Temporary Lodging Facility ***5**	SF	**9,075**	**Y**
Retail Admin	SF	**520**	**NA**
Operations (Retail)	SF	**100**	**NA**
Purchasing	SF	**1540**	**NA**

***3 Gymnasium contains:**

A. Basketball court with stands
B. 2 Locker rooms with saunas
C. Hi-Tech Exercise Room
D. Weight Room

***4 Combined Soccer and football Field.**
***5 Located in Building 1020 (shared with BOQ).**

Off Base Leased Recreation / MWR Facilities

LOCATION LAKE MARTINEZ, AZ **DISTANCE 25 miles NE of MCAS**

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Lake Martinez USMC Recreation Area	Acreage	13	Y
Lake Martinez Managers Quarters	SF	1175	NA
Mobile Home Crew Quarters	SF	784	NA
Cabin #1	SF	525	Y
Cabin #2	SF	525	Y
Cabin #3	SF	525	Y
Cabin #4	SF	525	Y
Cabin #5	SF	983	Y
Cabin #6	SF	525	Y
Cabin #7	SF	983	Y
Cabin #8, Park Model Mobile Home	SF	784	Y
Cabin #9, Park Model Mobile Home	SF	784	Y
Cabana/Shade (3X166)	SF	498	NA

Boat house- Rec room	SF	625	NA

Lake Martinez also has:

Boat Dock with 9 boats and motors, 4 canoes, 6 paddle boats
3 Public Toilets/Showers

Off Base Facility

LOCATION CANNON AIR DEFENSE COMPLEX DISTANCE 7 miles SE of MCAS

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Retail Store	SF	2,537	Y
Barber Shop	SF	170	Y

43. Is your library part of a regional interlibrary loan program? YES

44. Base Family Support Facilities and Programs

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos*1						
6-12 Mos (0-12Mos) *1	8	470			31	270
12-24 Mos	10	559			7	60

24-36 Mos	12	537			9	120
3-5 Yrs	24	1907			14	120

*1 Age Category combined for 0-12 months.

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:

N/A

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

A local organization, Child Care Resource & Referral, offers a database of local providers. The service is free.

We have a fifth room, 546 SF, that is vacant. We do not have additional GS billets to support opening it.

d. How many "certified home care providers" are registered at your base? **13**

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

Yes, U. S. Army, Yuma Proving Ground, 99 Children, 6 weeks - 6 years.

45. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	**18,749**
Gas Station	SF	***1**
Auto Repair	SF	**3,169**
Auto Parts Store	SF	***1**
Commissary	SF	**29,966**
Mini-Mart	SF	**10,181**

Service	Unit of Measure	Qty
Package Store	SF	2,650
Fast Food Restaurants	Each	4
Bank/Credit Union	Each	2
Family Service Center	SF	11,532
Laundromat	SF	894
Dry Cleaners	Each	1
ARC	PN	4,263/Yr
Chapel	PN	35,000/Yr
FSC Classrm/Auditorium	PN	732/Yr

*1 Gas station, auto repair, and auto parts store are combined with total SF of 3,169.

46. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Phoenix, Arizona	180
San Diego, California	180
Los Angeles, California	280

47. Standard Rate VHA Data for Cost of Living

Paygrade	With Dependents	Without Dependents
E1	122.22	68.39
E2	122.22	76.86
E3	112.85	83.15
E4	124.43	86.84
E5	152.84	106.71
E6	164.45	111.95
E7	177.01	112.96
E8	176.60	133.50
E9	191.92	145.69
W1	201.90	153.34
W2	162.63	127.56
W3	160.42	130.41
W4	154.73	137.19
O1E	138.90	103.03
O2E	137.28	109.45
O3E	145.02	122.68
O1	107.94	79.54
O2	109.35	85.47
O3	129.13	108.72
O4	116.74	101.52
O5	149.50	123.63
O6	120.10	99.41
O7	48.14	39.11

48.a. Off-base housing rental and purchase

a. Fill in the following table for average rental costs in the area for

the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	350	325	100
Apartment (1-2 Bedroom)	450	400	150
Apartment (3+ Bedroom)	525	500	300
Single Family Home (3 Bedroom)	750	600	300
Single Family Home (4+ Bedroom)	800	700	350
Town House (2 Bedroom)	700	650	200
Town House (3+ Bedroom)	800	700	350
Condominium (2 Bedroom)	700	650	200
Condominium (3+ Bedroom)	800	700	350

48.b. What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	0.98
Apartment (1-2 Bedroom)	.98 / .96
Apartment (3+ Bedroom)	0.93
Single Family Home (3 Bedroom)	0.95
Single Family Home (4+ Bedroom)	0.98
Town House (2 Bedroom)	0.94
Town House (3+ Bedroom)	0.90
Condominium (2 Bedroom)	0.94
Condominium (3+ Bedroom)	0.96

48.c. What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	**$60,000**
Single Family Home (4+ Bedroom)	**$80,000**
Town House (2 Bedroom)	**$70,000**
Town House (3+ Bedroom)	**$85,000**
Condominium (2 Bedroom)	**$70,000**
Condominium (3+ Bedroom)	**$85,000**

48.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area. **$511.50 - $ 625.17**

Month	Number of Bedrooms		
	2	3	4+
January	20	12	4
February	29	11	4
March	26	10	0
April	23	9	2
May	16	29	4
June	13	16	2
July	6	13	1
August	12	15	2
Septembe r	10	22	3
October	14	18	4
November	12	17	2
December	14	8	1

(e) Describe the principle housing cost drivers in your local area.

1. Plunge in interest rates made a normally good buyers market even more attractive.

2. Ideal seasonal temperatures during winter months and dry climate attracts retirees from northern states and Canada to invest in local properties.

3. Property values are not exceeding inflationary factors resulting in a consistent supply of long term housing.

4. The availability of services for retired military attracts a permanent population of retired military personnel.

49. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

N/A

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area

50. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
CITY OF YUMA, ARIZONA	84	8	20
COUNTY OF YUMA, ARIZONA	14	12	18
CITY OF SOMERTON, ARIZONA	1	20	25

Location	% Employees	Distance (mi)	Time(min)
YUMA PROVING GROUND	0.3	25	35
CITY OF WINTERHAVEN, CALIFORNIA	0.07	10	25

* THE CANNON AIR DEFENSE COMPLEX (CADC) IS A SEPARATE INSTALLATION FROM MCAS YUMA. APPROXIMATELY 350 SECOND LAAM BN AND MACS 7 MARINES AND SAILORS THAT LIVE ABOARD MCAS YUMA MUST STILL COMMUTE APPROXIMATELY 8 MILES ONE WAY AT AN AVERAGE TIME OF 10 MINUTES FROM MCAS YUMA TO CADC.

51. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

51.a. List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info
CRANE SCHOOL DISTRICT	PUB	PRI-MARY	*				DIST. OFF-ICE

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info
YUMA ELEMENTARY SCHOOL DISTRICT 1	PUB	PRI-MARY	*				DIST. OFF-ICE
YUMA UNION HIGH SCHOOL DISTRICT 13	PUB	SEC-OND-ARY	*		ACT 20.2	50%	DIST. OFF-ICE
IMMACULATE CONCEPTION	PAR	PRI-MARY	*	$1450.00			REG-IST. OFF.
ST FRANCIS OF ASSISI	PAR	PRI-MARY	N/A	$1250.00			REG-IST. OFF.
YUMA LUTHERAN	PAR	PRI-MARY	N/A	$1800.00			REG-IST. OFF.
YUMA PRE-SCHOOL	PVT	PRE-SCH	N/A	$80.00/ WEEK			REG-IST. OFF.
THE MONTESSORI SCHOOL	PVT	PRE-SCH	N/A	$75.00/ WEEK			REG-IST. OFF.
HAPPY DAYS PRE-SCHOOL	PVT	PRE-SCH	N/A	$65.00/ WEEK			MAIN OFF.

***DENOTES: SPECIAL EDUCATION IS AVAILABLE UNDER AZ STATE LAW CHAPTER 1.**
PROVIDED SERVICES ARE: BILINGUAL, VISUAL & HEARING IMPAIRED, LEARNING DISABLED.

51.b. List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
NORTHERN ARIZONA UNIVERSITY	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
ARIZONA WESTERN COLLEGE	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
	Day					
	Night					
	Day					
	Night					

51.c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	

WEBSTER UNIVERSITY	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	YES
	Corres-pondence	NO	NO	NO	NO	NO
SOUTHERN ILLINOIS UNIVERSITY	Day	NO	NO	NO	YES	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	YES	NO
COCHISE COLLEGE	Day	NO	NO	NO	NO	NO
	Night	NO	YES	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
	Day					
	Night					
	Corres-pondence					

52. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate %
	1991	1992	1993	
Professional	152	142	155	22.6
Manufacturing	163	151	185	15.8
Clerical	1105	1062	1091	19.9
Service	733	691	705	16.7
Other	815	800	854	25

53. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

ACTIVE DUTY PERSONNEL DO HAVE DIFFICULTY ACCESSING MEDICAL CARE IN YUMA. THE BRANCH MEDICAL CLINIC OFFERS COMPREHENSIVE PRIMARY CARE AND ACUTE CARE SERVICES; ALL EMERGENCY CARE IS PROVIDED IN THE LOCAL HOSPITAL. ACTIVE DUTY MEMBERS REQUIRING SPECIALTY CONSULTATIONS AND FURTHER MEDICAL CARE ARE REQUIRED TO TRAVEL TO NAVAL MEDICAL CENTER SAN DIEGO (360 MILES ROUND TRIP).

ACTIVE DUTY PERSONNEL DO NOT HAVE TROUBLE ACCESSING DENTAL CARE WITH RESPECT TO THE ABILITY TO OBTAIN APPOINTMENTS. TO GET ADVANCED SPECIALTY CARE; HOWEVER, THE PATIENTS MUST TRAVEL TO THE SAN DIEGO NAVAL DENTAL CENTER. DUE TO THE LIMITED UTILIZATION A SPECIALIST WOULD EXPERIENCE AT MCAS YUMA, IT IS NOT PRACTICAL TO HAVE ONE ASSIGNED. THERE ARE COMPREHENSIVE DENTISTS ON STATION THAT CAN PROVIDE LEVELS OF SPECIALTY CARE GREATER THAN THAT OF A GENERAL DENTIST. THIS IN TURN DECREASES THE NUMBER OF PATIENTS THAT NEED TO TRAVEL TO SAN DIEGO.

ACTIVE DUTY PERSONNEL ARE NOT REFERRED TO THE CIVILIAN DENTISTS IN THE LOCAL COMMUNITY AS ALL THEIR TREATMENT NEEDS CAN BE ADDRESSED THROUGH THE STATION CLINIC.

54. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

MILITARY DEPENDENTS DO HAVE DIFFICULTY ACCESSING THE BRANCH MEDICAL CLINIC DUE TO THE LACK OF PHYSICIANS, SUPPORT STAFF, AND SPACE TO PROVIDE CARE. THE CLINIC HAS ONE PEDIATRICIAN AND THREE GENERAL MEDICAL OFFICERS; THIS LIMITS THE DEPENDENT CARE TO ONLY PRIMARY CARE SERVICES. MILITARY DEPENDENTS ARE FORCED TO OBTAIN THE MAJORITY OF THEIR MEDICAL CARE FROM THE CIVILIAN COMMUNITY AT DIRECT EXPENSE TO THE MEMBER OR TRAVEL TO NAVAL MEDICAL CENTER SAN DIEGO WHEN POSSIBLE.

MILITARY FAMILY MEMBERS ARE NOT SEEN AT THE DENTAL CLINIC UNLESS IT IS A BONA FIDE EMERGENCY. A FAMILY MEMBER IN THE DELTA DENTAL PLAN CANNOT BE SEEN AT THE DENTAL CLINIC FOR

ROUTINE TREATMENT. MEMBERS NOT IN THE DELTA DENTAL PLAN CAN BE SEEN FOR EVALUATION, TREATMENT OR RELIEF OF PAIN ON A SPACE AVAILABLE BASIS.

MILITARY FAMILY MEMBERS ARE ABLE TO ACCESS ALL TYPES OF DENTAL CARE IN THE YUMA COMMUNITY. ALL THE DENTAL SPECIALTIES ARE REPRESENTED AND THERE ARE AN ADEQUATE NUMBER OF GENERAL DENTISTS IN THE COMMUNITY TO MEET ALL TREATMENT NEEDS. ALL OF THE SPECIALISTS AND MOST ALL OF THE GENERAL DENTISTS ACCEPT THE DELTA DENTAL PLAN INSURANCE PROGRAM.

55. Complete the table below to indicate the crime rate for your air station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	1	2	3
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	1
Off Base Personnel - civilian	0	0	0
Unidentified	1	1	2
2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0

Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
3. Counterfeiting (6G)	1	0	3
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	1	0	2
Crime Definitions	FY 1991	FY 1992	FY 1993
4. Postal (6L)	0	1	1
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	1
5. Customs (6M)	0	2	1
Base Personnel - military	0	0	0
Base Personnel - civilian	0	1	0
Off Base Personnel - military	0	1	1
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0

6. Burglary (6N)	17	44	29
Base Personnel - military	1	3	4
Base Personnel - civilian	0	1	5
Off Base Personnel - military	0	3	0
Off Base Personnel - civilian	0	0	0
Unidentified	16	37	20
7. Larceny - Ordnance (6R)	0	2	1
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	0	1	0
Crime Definitions	**FY 1991**	**FY 1992**	**FY 1993**
8. Larceny - Government (6S)	47	60	30
Base Personnel - military	7	4	9
Base Personnel - civilian	1	1	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	39	55	21
9. Larceny - Personal (6T)	104	163	107
Base Personnel - military	5	10	6

Base Personnel - civilian	4	2	2
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	95	151	99
10. Wrongful Destruction (6U)	197	163	134
Base Personnel - military	18	14	13
Base Personnel - civilian	9	1	1
Off Base Personnel - military	2	3	2
Off Base Personnel - civilian	0	0	0
Unidentified	168	145	118
11. Larceny - Vehicle (6V)	2	8	4
Base Personnel - military	0	1	1
Base Personnel - civilian	0	0	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	2	7	2

Crime Definitions	FY 1991	FY 1992	FY 1993
12. Bomb Threat (7B)	1	2	5
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	1	2	5
13. Extortion (7E)	1	1	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	1	1	0
14. Assault (7G)	61	97	105
Base Personnel - military	33	68	53
Base Personnel - civilian	8	20	13
Off Base Personnel - military	20	5	32
Off Base Personnel - civilian	0	0	0
Unidentified	0	4	7
15. Death (7H)	3	4	1
Base Personnel - military	1	2	0
Base Personnel - civilian	1	1	1

Off Base Personnel - military	**1**	**1**	**0**
Off Base Personnel - civilian	**0**	**0**	**0**
Unidentified	**0**	**0**	**0**

Crime Definitions	FY 1991	FY 1992	FY 1993
16. Kidnapping (7K)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
18. Narcotics (7N)	7	13	11
Base Personnel - military	5	8	9
Base Personnel - civilian	2	3	1
Off Base Personnel - military	0	2	1
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
19. Perjury (7P)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
20. Robbery (7R)	1	1	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0

Off Base Personnel - military	**0**	**0**	**0**
Off Base Personnel - civilian	**0**	**0**	**0**
Unidentified	**1**	**1**	**0**

Crime Definitions	FY 1991	FY 1992	FY 1993
21. Traffic Accident (7T)	92	118	57
Base Personnel - military	67	84	40
Base Personnel - civilian	13	13	8
Off Base Personnel - military	12	21	9
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
22. Sex Abuse - Child (8B)	3	2	11
Base Personnel - military	3	2	8
Base Personnel - civilian	0	0	1
Off Base Personnel - military	0	0	2
Off Base Personnel - civilian	0	0	0
Unidentified	0	0	0
23. Indecent Assault (8D)	1	2	3
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	3
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
Unidentified	1	1	0
24. Rape (8F)	6	1	2
Base Personnel - military	4	1	0
Base Personnel - civilian	0	0	0

Off Base Personnel - military	**2**	**0**	**0**
Off Base Personnel - civilian	**0**	**0**	**0**
Unidentified	**0**	**0**	**2**

Crime Definitions	FY 1991	FY 1992	FY 1993
25. Sodomy (8G)	0	0	1
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
OPERATIONAL/RESERVE AIR STATION/FACILITY:

_____

Category.....Shore Support of Operating Forces
Sub-category....Operational Air Stations and Reserve Air Stations
Types.....Navy and Marine Corps Operational and Reserve Air Stations and Facilities

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

General Notes:
1. Highly recommend coordination of environmental inputs with Regional Environmental Coordinators.
2. For any airspace issues, coordinate with area airspace coordinator.
3. Recommend read-through of entire data call before answering individual questions.
4. Items which are Not Applicable should be noted as such.
5. For any projection provided in the data call response, explain how the projection was calculated (i.e., what changed and how you quantified it).
6. All data requested by fiscal year refers to the end of the fiscal year.
7. In answering throughput and capacity questions, assume that all previous BRAC decisions are implemented on schedule.

BRAC 1995 CAPACITY ANALYSIS DATA CALL:
Operational/Reserve Air Stations/Facilities

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BRAC 1995 CAPACITY ANALYSIS DATA CALL:
Operational/Reserve Air Station/Facility

AIR STATION/FACILITY- UIC M62974

STATION CAPACITY

1a. For the **main airfield and each auxiliary airfield,** answer the following questions:

Airfield Name YUMA, ARIZONA

For each runway, give its designation, length, width, load capacity, lighting configurations, and arresting gear types. For each runway list any approach obstructions or any restrictions on flight patterns.

Runway	Length (ft)	Width (ft)	Max load	Lighting				Arresting Gear Type(s)
				F	P	C	N	
8/26	**6,150**	**150**	**75,000**		**X**			**NONE**
17/35	**5,710**	**150**	**110,000**		**X**			**NONE**
3L/21R	**13,300**	**200**	**585,000**		**X**			**2 SETS OF E-28B**
3R/21L	**9,240**	**150**	**405,000**		**X**			**2 SETS OF E-28B**

F -- Full lighting (runway edge, center, and threshold)
P -- Partial lighting (less than full)
C -- Carrier deck lighting simulated
N -- No lighting

1b. Provide the **composition** (concrete, asphalt, other) and **load bearing capacity** of your aprons, ramps and taxiways.

Apron/ramp/taxiway Location - ID	SF	Comp.	ID Type/Model A/C Prohibited	Comments
PARKING APRON CIVILIAN TERMINAL	**150K**	**CON-CRETE**	**ALL EXCEPT AIR CARRIERS**	**AIR CARRIER ONLY/225K**
PARKING APRON CIVILIAN	**1,250K**	**CON-CRETE**		**225K**
PARKING APRON MILITARY	**1,980K**	**Cement**		**535K**
TAXIWAYA	**441K**	**Asphalt**	**C130 OR LARGER & LARGE HELOS**	**SF INCLUDES A,A1,A2/308K**
TAXIWAYA1	**441K**	**Asphalt**	**C130 OR LARGER & LARGE HELOS**	**295K**
TAXIWAYA2	**441K**	**Asphalt**	**C130 OR LARGER & LARGE HELOS**	**209K**
TAXIWAYB	**97K**	**Asphalt**		**514K**
TAXIWAYSC, D, E, F	**2,534K**	**CON-CRETE**		**525K**
TAXIWAYG	**443K**	**Asphalt**	**HEAVY/LARGE TRANSPORT A/C**	**550K**
TAXIWAYSH, M, N, O	**370K**	**CON-CRETE**		**525K**
TAXIWAYI	**96K**	**Asphalt**	**DUAL WHEELED HEAVIER THAN 25K LBS**	**80K**
TAXIWAYSJ, K, L	**90K**	**Asphalt**		**209K**

1c. Do you have **high speed taxiways**? Discuss number and impact on airfield operations.

NO, HOWEVER, YUMA COUNTY AIRPORT AUTHORITY (YCAA) WILL COMMENCE CONSTRUCTION OF ONE FOR RUNWAY 21R/03L FOR ACCESS TO A CARGO RAMP/TERMINAL ON WEST/SOUTHWESTSIDE OF AIRFIELD DURING JUL 94.

1d. Are **all runways** with approved instrument approaches served by **hi-speed taxiways**?

NO (ALSO, REFER TO 1c. ABOVE)

1e. List any restrictions to **runways with approach obstructions** or any **restrictions on flight patterns.** Explain

THERE ARE NO RESTRICTIONS TO TRAFFIC OPERATING TO/FROM RUNWAYS OR IN FLIGHT PATTERNS OTHER THAN NOISE ABATEMENT PROCEDURES.

1f. For the main airfield and each auxiliary and outlying field, discuss any **runway design features** that are specific to particular types of aircraft (i.e., are the airfield facilities designated primarily fixed wing jet, prop, or helo aircraft?)

MCAS YUMA UTILIZES RUNWAYS 8/26 AND 17/35 PRIMARILY FOR PROPELLER AND ROTARY WING OPERATIONS. FIXED WING JET OPERATIONS ARE PRIMARILY DESIGNATED FOR RUNWAYS 3L/R & 21L/R. HOWEVER, WIND CONDITIONS DICTATING, ANY RUNWAY MAY BE UTILIZED. ADDITIONALLY, AUX-2 IS DESIGNATED AS AN AUXILIARY AIRFIELD SPECIFICALLY DESIGNED FOR AV-8B "HARRIERS", C-130's AND CH-46 HELICOPTERS PRIMARILY WITH CONTROL RESTING WITH THE "USING" SQUADRON(S).

2a. List the **number of flight operations** (take-off, landing, or approach without landing) that the main airfield and all auxiliary fields can support on an hourly basis in both VMC and IMC. Comment on the factors at each field that limit this capacity (e.g., taxiway/runway limitations, airspace, ATC restrictions, environmental restrictions).

Airfield	# Flight Ops/Hr		Comments on Limiting Factors
	IMC	VMC	
MAIN	**56**	**185**	**REF: FAA ADVISORY CIRCULAR 150/5060-5 AIRPORT CAPACITY AND DELAY**
AUX-2	**0**	**132**	**NO ATC SERVICES AVAILABLE AT THIS FIELD**

2b.. Provide the average number of **(historical) flight operations** per month conducted at this station and the total number of days during which these operations were conducted. If data is not normally recorded, include estimates (and how derived). A flight operation is defined as a take-off, landing, or approach without a landing.

FY	Main Airfield*		Auxiliary Field *		Auxiliary Field		Auxiliary Field	
	# Ops	# Days	# Ops	# Days	# Ops.	# Days	# Ops.	# Days
1991	**13,371**	**30.4**	**N/A**	**N/A**				
1992	**12,967**	**30.4**	**N/A**	**N/A**				
1993	**14,116**	**30.4**	**3,577**	**30.4**				

*** DATA LISTED IN CALENDAR YEAR VICE FISCAL YEAR AS NO FY RECORDS WERE KEPT PRIOR TO 1993.**

2c. What percent of your flight operations at home field are Fleet Carrier Landing Practices (FCLPs)?

0.575% OF OPERATIONS AT MCAS YUMA WERE FCLP OPERATIONS.

2d.. Are you designated as an **authorized divert field** for any non-DoD aircraft? Explain.

MCAS YUMA IS A JOINT USE AIRPORT THAT IS AUTHORIZED TO BE USED AS AN ALTERNATE AIRPORT FOR BOTH GENERAL AND COMMERCIAL AVIATION. YUMA HAS BEEN UTILIZED AS AN EMERGENCY DIVERT FOR AIR CARRIERS. YUMA EXCEEDS THE REQUIRED LEVEL OF CRASH FIRE AND RESCUE STIPULATED BY THE FAA FOR ALL AIRCRAFT TYPES.

2e. Is your airfield designated as a **joint use airfield** (i.e. civilian/military, APOE)? If yes, explain mission and identify any special joint use facilities, equipment, or operational practices.

MCAS YUMA IS A JOINT USE AIRPORT ON WHICH ALL AVIATION FACILITIES ARE OWNED BY THE MARINE CORPS. CIVILIAN USE IS AUTHORIZED BY A PATENT AND JOINT USE AGREEMENT. THE MARINE CORPS PROVIDES AIR TRAFFIC CONTROL, RUNWAY MAINTENANCE, AND CRASH FIRE AND RESCUE SERVICES. THE CIVILIAN OPERATORS ARE LOCATED ON THE WESTERN AND NORTHERN SIDE OF THE AIRFIELD. AIR CARRIERS, GENERAL, COMMERCIAL, AND LAW ENFORCEMENT AVIATION UTILIZE MAINTENANCE AND STORAGE FACILITIES SEPARATE FROM MILITARY FACILITIES. ADDITIONALLY, MCAS YUMA IS THE "HOME-BASE" FOR THE MCDONNELL-DOUGLAS AIRCRAFT COMPANY "TEST FACILITY." YUMA COUNTY AIRPORT AUTHORITY OPERATES FACILITIES ON FEDERAL PROPERTY UNDER A TWENTY-FIVE YEAR GRANT OF EASEMENT THAT WILL EXPIRE MARCH 2009.

2f. Are you a NATO designated facility? If yes, explain mission and identify any special NATO facilities, equipment, or operational practices.

NO

2g. What **percentage of total operations are civilian**?

FIGURES OF FISCAL YEAR 93:

PERCENTAGE OF CIVILIAN TERMINAL OPERATIONS	**34.2%**
PERCENTAGE OF CIVILIAN FACILITY OPERATIONS	**35.8%**
PERCENTAGE OF CIVILIAN FACILITY IFR OPERATIONS	**40%**

2h. Describe the major **civilian air traffic structures** (routes, terminal control areas, approaches, etc.) discuss the present and likely future impact of each on air station operations.

MCAS YUMA IS LOCATED SIX MILES SOUTH OF THE BARD VORTAC WHICH SERVICES BOTH VICTOR AND JET AIRWAYS. THESE AIRWAYS RUN EAST AND WEST, AND NORTH FROM THE BARD VORTAC. MCAS YUMA/YUMA INTERNATIONAL AIRPORT IS LOCATED WITHIN CLASS D SURFACE AREA WITH 12 PUBLISHED INSTRUMENT APPROACHES, (INCLUDES TACAN, VOR, VOR DME, ILS, RNAV AND RADAR APPROACHES).

THE IMPACT OF THE ATC STRUCTURE IS NEGLIGIBLE ON AIR STATION OPERATIONS BECAUSE MCAS YUMA PROVIDES THE ATC SERVICES. THE AIR STATION OPERATIONS ARE

SUCCESSFULLY SEQUENCED WITH NON-MILITARY OPERATIONS.

2i. Are there any **air traffic control constraints**/procedures that currently, or may in the future, limit air station operations? If yes, fully explain impact.

NO, MCAS YUMA PROVIDES ITS OWN TERMINAL AND APPROACH CONTROL SERVICES UP TO 23,000 FEET AND RANGE SERVICES FOR THE SURROUNDING AIRSPACE. AS LONG AS MCAS YUMA CONTINUES TO PROVIDE THESE SERVICES THE AIR STATION IS ASSURED OF CONTROLLING THE IMPACT OF ATC ON ITS OPERATIONS.

2j. List the normal **hours of operation** for the main airfield and each auxiliary airfield. Indicate if this schedule varies by month or season. If not 24 hour a day operation, explain (i.e. noise restricted).

Operating Schedule	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Main Airfield	**24HR**	**24HR**	**24HR**	**24HR**	**24HR**	**24HR**	**24HR**
AUX-2	**SEE NOTE 1**						

NOTE 1: AS NEEDED, 0600-2300L, SCHEDULED BY TENANT UNITS. VFR ONLY

MCAS YUMA IS OPEN 24 HOURS A DAY, 365 DAYS A YEAR. THE AIRPORT IS NORMALLY CLOSED TO MILITARY OPERATIONS BETWEEN 2300L TO 0600L, BUT EXTENDED OPERATING HOURS ARE AVAILABLE ON REQUEST.

AUX 2 IS AN AUSTERE LANDING FIELD WITH VISUAL LANDING AIDS AND A MOCK LHA DECK WITH TOWER. ALL CONTROL INSTRUCTIONS WITHIN THE PATTERN ARE PROVIDED BY THE FLYING UNIT.

3a. Assuming that airfield operations are **not constrained** by operational funding (personnel support, increased overhead costs, etc.), what **additional capacity** (in flight operations per hour) could be gained with the current equipment, physical plant, etc.? Provide details and assumptions for all calculations.

THE AIRFIELD AS PRESENTLY CONFIGURED AVERAGES 27 IMC/VMC OPERATIONS PER HOUR FOR A 17 HOUR DAY. AS NOTED IN QUESTION 2a., THE AIRFIELD'S MAXIMUM CAPACITY IS ESTIMATED AT 56 IMC, OR 185 VMC OPERATIONS PER HOUR. CONSIDERING THAT 3% OF OPERATIONS AT MCAS YUMA ARE IMC, OPERATIONS COULD BE INCREASED BY 153 OPERATIONS PER HOUR AT MAXIMUM CAPACITY. THE ADDITIONAL WORKLOAD WOULD REQUIRE ADDITIONAL AIR TRAFFIC CONTROL PERSONNEL DUE TO CONTROLLER FATIGUE. THERE WOULD BE NO OTHER COST ADDITIONS. ADDITIONALLY, THE AIRFIELD COULD BE OPERATED 24 HOURS PER DAY VICE 17. THIS WOULD REQUIRE ADDITIONAL PERSONNEL IN ALL SUPPORT AGENCIES AND INCREASES IN STATION POWER REQUIREMENTS.

127 FLIGHT OPERTIONS PER HOUR COULD BE GAINED AT AUXILIARY FIELD 2. ASSUMPTIONS BASED ON 24 HRS @ DAY.
AUX2 AVERAGE OPERATIONS 1993 = 4.9/HR

3b. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional operating capacity** would be realized? Provide cost and details of all additional capacity calculations.

MILITARY CONSTRUCTION (MILCON) PROJECT P-481, LAND ACQUISITION WOULD PURCHASE 1641 ACRES DIRECTLY SOUTH OF THE STATION. THE BOUNDARIES OF THIS LAND WOULD BE FROM COUNTY 13th TO COUNTY 14th AND FROM AVENUE 3E TO THE GOVERNMENT LAND ADJACENT TO THE RUNWAY. THE COST OF THIS PURCHASE WOULD BE $11,600,000. THIS FY96 PROJECT WOULD PROVIDE THE AREA NEEDED FOR EXPANSION TO INCREASE THE STATION'S OPERATIONS.

MILCON PROJECT P-482 (FY97) COMBAT AIRCRAFT LOADING APRON (CALA). PHASE I WILL BE CONSTRUCTED ON THE NEWLY ACQUIRED LAND. THE NEW CALA WILL COVER 85,556 SY OF AREA AND WILL COST $9,417,000. THE NEW CALA (PHASE I) IS A DUPLICATE OF THE EXISTING CALA WITH A FEW MINOR CHANGES. THE EXISTING CALA WILL THEN BE UTILIZED, AS NEEDED, FOR AIRCRAFT PARKING. THE STATION WILL MAINTAIN 22 AIRCRAFT PARKING SPACES FOR LOADING AIRCRAFT.

MILCON PROJECT P-140 (FY96) BACHELOR ENLISTED QUARTERS WILL CONSTRUCT ONE BARRACKS TO BILLET 450 PERSONS. THIS PROJECT WILL ALSO DEMOLISH THREE INADEQUATE OLD WOODEN BARRACKS HOUSING 350 PERSONS. THE PROJECT WILL COST $15,085,000. THE STATION WILL GAIN 100 PERSON BILLETING CAPACITY.

MILCON PROJECT P-442 (FY96) AIRCRAFT MAINTENANCE HANGAR WILL CONSTRUCT ONE, DUAL SQUADRON HANGAR. THE PROJECT WILL COST $12,324,000. THIS HANGAR HAS THE CAPABILITIES TO SUPPORT TWO PERMANENT SQUADRONS OF TWENTY AIRCRAFT EACH, FOR A TOTAL OF 40 AIRCRAFT. PROPOSED UTILIZATION WILL BE FOR DEPLOYED SQUADRONS FOR SIX MONTHS AND MARINE AVIATION WEAPONS AND TACTICS SQUADRON-1 (MAWTS-1) FOR THE OTHER SIX MONTHS.

MILCON PROJECT P-483 (FY97) STATION ORDNANCE AREA. PHASE I IS THE FIRST OF THREE PHASES TO RELOCATE THE ORDNANCE OPERATIONS/ STORAGE TO THE LAND ACQUIRED BY MILCON P-481. THE FIRST PHASE WILL PROVIDE FOR SECURITY, FIRE SYSTEMS, AREA ACCESS AND UTILITIES. AT A COST OF $7,214,000, THIS PROJECT WILL ALSO PROVIDE ENOUGH ORDNANCE STORAGE TO DOWN LOAD THE EXISTING HIGH EXPLOSIVE MAGAZINES. THE STATION WILL REMOVE THE EXPLOSIVE SAFETY QUANTITY DISTANCE (ESQD) ARCS FROM ALL AIRCRAFT PARKING AREAS AS A RESULT OF THIS MILCON.

3c. What **additional projects** could be added to provide **additional operating capacity**? At what estimated cost? Provide details and assumptions for all calculations.

PROJECTS THAT COULD BE ADDED TO PROVIDE ADDITIONAL OPERATING CAPACITY ARE:

(1) MILCON PROJECT STATION ORDNANCE AREA PHASE II (FY98) P-484 AT THE COST OF $8,000,000WOULD PROVIDE UTILITY EXTENSIONS, SUPPORT FACILITIES, AND ORDNANCE STORAGE MAGAZINES.

(2) MILCON PROJECT STATION ORDNANCE AREA PHASE III (FY99) P-485 AT THE COST OF $6,000,000WOULD COMPLETE THE MOVE OF THE ORDNANCE OPERATIONS TO THE NEW SITE. THIS PHASE WILL CONSTRUCT ORDNANCE STORAGE MAGAZINES WHICH WILL INCREASE THE STATION'S STORAGE CAPACITIES TO INCLUDE THE REQUIREMENTS AS DICTATED BY THE SECRETARY OF NAVY. MARINE CORPS AIR STATION, YUMA HAS BEEN DESIGNATED AS A WEST COAST STOCKING POINT. CURRENTLY THE STATION IS UNABLE TO MEET THESE STORAGE REQUIREMENTS. THE REMOVAL OF ALL ORDNANCE FROM THIS AREA WILL ELIMINATE THE ESQD ARCS AND ALLOW FOR FURTHER DEVELOPMENT. THIS COULD INCLUDE THE EXTENSION OF THE FLIGHTLINE, HANGARS, ETC. AS WELL AS FLIGHTLINE SUPPORT FACILITIES.

(3) MILCON PROJECT COMBAT AIRCRAFT LOADING APRON (CALA) PHASE II (FY98) P-486 WOULD CONSTRUCT THE SECOND HALF OF THE CALA. THIS NEW APRON COSTING $9,843,000WOULD BE BUILT ADJOINING THE PHASE I CALA. PHASE I WILL ACCOMMODATE 22 AIRCRAFT AND PHASE II WILL ACCOMMODATE 26 AIRCRAFT. THE COMBINED CAPACITY OF 48 AIRCRAFT WOULD MORE THAN DOUBLE THE NUMBER OF AIRCRAFT NOW HANDLED.

(4) MILCON PROJECT AIRCRAFT PARKING APRON (FY98) P-467 WOULD CONSTRUCT 102,500 SY OF AIRCRAFT AREA AT THE COST OF $8,868,000. THIS APRON WOULD BE LOCATED NORTH OF TAXIWAY C, FROM TAXIWAY A TO TAXIWAY B. THE EXISTING TEMPORARY FUEL BLADDERS WILL BE RELOCATED SOUTH OF THE MAIN RUNWAYS. THIS AREA WAS PRIMARILY JUSTIFIED TO ADEQUATELY PARK ALL OF THE ROTARY WING AIRCRAFT THAT ARE UTILIZED IN THE MAWTS-1, WEAPONS TACTICS INSTRUCTORS (WTI) COURSE. HOWEVER, DURING THE OTHER HALF OF THE YEAR, DEPLOYED SQUADRONS WOULD UTILIZE THIS AREA.

(5) AFTER THE CONSTRUCTION OF P-442, AN AIRCRAFT MAINTENANCE HANGAR (FY96), AND AFTER THE TOTAL RELOCATION OF THE ORDNANCE, STORAGE, STAGING, ASSEMBLY AND LOADING OPERATIONS, FURTHER FLIGHTLINE DEVELOPMENT IS POSSIBLE. THE FLIGHTLINE APRON COULD BE EXTENDED SOUTH 1500 FEET AND THEN TURNED WEST UNTIL IT MET THE EXISTING CALA. THE WEST END OF THE EXISTING CALA WOULD BE THE END OF ANY POSSIBLE APRON EXPANSION. ALONG THIS NEW APRON, FOUR NEW DUAL SQUADRON HANGARS COULD BE BUILT WITH TWO NEW HANGARS ON THE EAST SIDE AND TWO ON THE SOUTH SIDE. THESE HANGARS WOULD ACCOMMODATE EIGHT PERMANENT SQUADRONS WITH AIRCRAT TOTALING 160. THE COST WOULD BE $55,000,000. THE NEW ORDNANCE AREA CONCEPT WILL ACCOMMODATE THIS PROPOSED GROWTH IN MISSION OPERATIONS.

(6) WITH ALL OF THE ABOVE REFERENCED PROJECTS IN PLACE, THE STATION WOULD STILL HAVE 1195 ACRES OF LAND TO DEVELOP IN SUPPORT OF THE EXPANDED MISSION CAPABILITIES. THE EXISTING STATION SUPPORT FACILITIES WOULD NOT BE SUFFICIENT TO SUPPORT THE EXPANDED MISSION REQUIREMENTS. EVERY ASPECT OF SUPPORT MUST BE EXAMINED, TO INCLUDE CLOSE SUPPORT FACILITIES LIKE AIRCRAFT WASHRACKS, BEQ-BOQ BILLETING, MEDICAL/DENTAL FACILITIES, FAMILY HOUSING, RECREATIONAL FACILITIES, ETC.

3d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc. cannot overcome (e.g. airspace size/availability, AICUZ restrictions, environmental restrictions, land areas). Provide

details of calculations.

AIRFIELD EXPANSION IS LIMITED TO THE NORTH, EAST AND WEST BY THE CITY OF YUMA. EXPANSION TO THE SOUTH IS FEASIBLE. THE MEXICAN BORDER IS LOCATED 6 MILES WEST AND 12 MILES SOUTH OF THE AIR STATION, LIMITING AIRSPACE EXPANSION AND USAGE. AICUZ AND ENVIRONMENTAL ARE NOT, AT THIS TIME, LIMITING FACTORS FOR EXPANSION.

4. List all **NAVAIDS** with published approaches that support the main airfield and/or your auxiliary airfields. Note any additions/upgrades to be added between now and FY1997.

NAVAID	DESCRIPTION/LOCATION
TACAN	**UHF NAVIGATIONAL AID (OMNI-DIRECTIONAL COURSE AND DISTANCE INFORMATION) CLASS L, CHANNEL 84/LOCATED ON FIELD**
ILS	**INSTRUMENT LANDING SYSTEM PROVIDING PRECISION APPROACH INFORMATION. LOCALIZER FREQ. 108.3, GLIDE SLOPE FREQ. 334.10 MHz. FAA MAINTAINED, LOCATED ON STATION.**
VORTAC	**COLLOCATED VOR AND TACAN NAVIGATIONAL AID (VHF COURSE AND UHF DISTANCE INFORMATION). FREQUENCY 116.8/CHANNEL 115, CLASS H WITH WEATHER BROADCASTS FROM 1200Z TO 0500Z LOCATED 6 MILES NORTH OF MCAS YUMA/YUMA INTERNATIONAL AIRPORT.**
ASR-8	**AIRPORT SURVEILLANCE RADAR LOCATED ON STATION**
FPN-63	**PRECISION APPROACH RADAR LOCATED ON STATION**

PUBLISHED APPROACHES TO YUMA	**HI TACAN RW 3L, TACAN RW 3L, HI TACAN RW 21R, TACAN RW 21R, VOR RW27, ILS 21R , RNAV RW 21R, VOR DME RW 17, VOR DME/TACAN RW 17, HI VOR DME/TACAN RW 17, ASR RWs 3L, 3R, 21L & 21R, PAR RWs 3L & 21R**

BASING

5a. List all **active duty Navy/USMC squadrons/detachments** and the number of aircraft by type, model, and series (T/M/S), that will be permanently stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Squadron/Det	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
VMA-211	**20**	**AV-8B**	**20**	**20**	**20**	**20**	**20**
VMA-214	**20**	**AV-8B**	**20**	**20**	**20**	**20**	**20**
VMA-311	**20**	**AV-8B**	**20**	**20**	**20**	**20**	**20**
VMA 513	**20**	**AV-8B**	**20**	**20**	**20**	**20**	**20**

5b. Summarize average **visiting squadron/det loading** on air station operations(i.e. airwing/wing weapons deployment).

Squadron/Det Size (#A/C)	Apron Space Used	Hangar Space Assigned	Maintenance Support	Ave length of stay
12	**LINES 1-10, 13, 14**	**HANGAR 220**	**NONE**	**2-3 WEEKS**

5c. If a major percent of flight operations at your air station is from other than permanently stationed squadron/detachments, provide explanation.

THE PERCENTAGE OF NON-RESIDENT SQUADRON OPERATIONS IS NOT COMPILED IN THE EXISTING TRAFFIC TABULATION. NUMEROUS SQUADRONS/DETACHMENTS DEPLOY TO MCAS YUMA THROUGHOUT THE CALENDAR YEAR ON TRAINING/PROFICIENCY EXERCISES DUE TO MCAS YUMA'S NUMEROUS RANGES/TRAINING AREAS. ADDITIONALLY, THE WTI COURSE CONDUCTS ONE SPRING AND ONE FALL COURSE EACH YEAR FOR ALL MILITARY BRANCHES, WHICH INVOLVES EXTENSIVE FLIGHT HOURS. IN CY93, 49 UNITS WITH 711 AIRCRAFT AND 10,729 PERSONNEL TRAINED AT MCAS YUMA.

6a. List all **reserve Navy/USMC squadrons/detachments** and the number of aircraft by type, model, and series (T/M/S), which will be stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Squadron/Det	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001

VMFT-401	**13**	**F-5E/F**	**13**	**13**	**13**	**13**	**13**

6b. For each **reserve squadron** at your air station, provide the number of **authorized billets** and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy Reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section (i.e. not enough qualified reservists in the area).

Squadron:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Pilot	**10**	**7**	**14**	**4**	**10**	**7**	**13**	**4**	**10**	**7**	**13**	**5**
NFO												
Other Officer												
Enlisted	**0**	**13**	**0**	**12**	**0**	**13**	**0**	**12**	**0**	**13**	**0**	**12**

Remarks:

7. List all **Station aircraft** by number, type, model, and series (T/M/S), which will be parked or stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Squadron/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
SOMS	**2**	**UC-12B**	**2**	**2**	**2**	**2**	**2**
SOMS	**3**	**HH-1N**	**3**	**3**	**3**	**3**	**3**

8. List all **DoD and non-DoD aircraft** not previously listed, by custodian, including number, type, model, and series (T/M/S) of aircraft, which will be parked or stationed/are scheduled to be stationed at this air station at the **end** of the indicated fiscal years.

Service/ Agency/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NONE							

9a. List other **operational command or support units** (ie. air wing staffs, MWSG, MWSS, MACG, MASS, etc.) stationed at this installation. For each Unit, give the unit identification number/UIC, mission, and facilities required (currently being used) to support the unit (i.e. equipment parking - 2500 SF; maintenance shop-200 SF; etc.).

Support Unit Identification/UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
MAWTS-1/ M62974	**Provide standardized training in all aspects of the employment of Marine aviation units towards the accomplishment of their assigned mission.**	**STORAGE**	**1,000 COVERED**
"		**ADMINISTRATIVE**	**5,700 COVERED**
"		**ADMINISTRATIVE/ INSTRUCTION**	**31,000 COVERED**

Support Unit Identification/UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
"		ADMINISTRATIVE/ CLASSIFIED STORAGE	3,586 COVERED
"		WAREHOUSE	8,000 COVERED
"		MAINTENANCE	7,300 COVERED
CSSD-16/ M28357	Combat service support to all Marine units at MCAS or in the vicinity of MCAS.	WASH RACK	2,970 COVER
"		STORAGE	144 COVERED
"		ADMINISTRATIVE/ MAINTENANCE	14,022 COVERED
"		WAREHOUSE AND SUPPLY ADMINISTRATIVE	10,000 COVERED
"		VEHICLE PARKING	8,829 UNCOVERED
"		OUTSIDE STORAGE	187,473 UNCOVERED
MAG-13/ M09041	Provides close-air support, conduct armed reconnaissance, and assume limited air-defense roles in support of Marine ground units.	ADMINISTRATIVE	20,000 COVERED
"		MAINTENANCE	87,000 COVERED/ 17,000 UNCOVERED
"		SUPPLY	96,000 COVERED/ 68,000 UNCOVERED
"		ORDNANCE	14,000 COVERED/ 53,000 UNCOVERED
"		VAN PAD	8,000 COVERED/ 130,000 UNCOVERED
"		HANGAR	147,000 COVERED/ 22,000 UNCOVERED
MWSS-371/ M00371	Provide essential aviation ground support to a designated aviation combat element or supplement air base facility.	BEQ	36,508 COVERED

Support Unit Identification/UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
"		OFFICE SPACE	24,267 COVERED
"		MAINTENANCE BAY	22,979 COVERED
"		WAREHOUSE SPACE	139,067 COVERED
"		EQUIPMENT PARKING	358,829 UNCOVERED
MATCS-38/ M01291	Provide expeditionary air traffic control.	ADMINISTRATIVE OFFICE SPACE	2,583 COVERED
"		SUPPLY ADMINISTRATIVE OFFICE SPACE	3,222 COVERED
"		SUPPLY BAYS (2)	1,768 COVERED
"		RADAR OPERATIONS	62,500 UNCOVERED
"		EQUIPMENT PARKING	40,000 UNCOVERED
2ND LAAMBN/ M22960	Provide Antiair Warfare.	ADMINISTRATIVE OFFICE SPACE	19,900 COVERED
"		MAINTENANCE SHOP SPACE	16,576 COVERED
"		GENERAL STORAGE SPACE	29,279 COVERED
"		AUTO PARKING	100,280 UNCOVERED
"		EQUIPMENT PARKING	193,125 UNCOVERED
MACS-7/ M00974	Provide Tactical Air Defense Control.	RADAR MAINTEN-ANCE SHED	192 COVERED
"		HQTRS/ADMINIST-RATIVE BUILDING	8,750 COVERED
"		OPS MAINTENANCE SHED	192 COVERED
"		RADAR STORAGE SHED	464 COVERED
"		RADAR MAINTEN-ANCE SHED	492 COVERED
"		S-6/OPS BUILDING	10,462 COVERED
"		SUPPLY WAREHOUSE	21,735 COVERED

Support Unit Identification/UIC	Mission	Facilities Required	Equipment Laydown Requirement (covered/ uncovered in SF)
"		**MOTOR TRANSPORT FACILITY**	**8,100 COVERED**
"		**WASH RACK**	**2,500 COVERED**
"		**REFUELER PAD MT/UTIL**	**1,000 UNCOVERED**
"		**PETROLEUM, OIL, LUBRICATION PAD**	**300 UNCOVERED**
"		**PARKING FACILITIES (PERSONNEL)**	**66,250 UNCOVERED**
"		**PARKING FACILITIES (EQUIPMENT)**	**84,750 UNCOVERED**

9b. Due to BRAC or other realignments, what increases/decreases in operational command or support units will occur at your installation. Provide expected gains/losses by year through 2001.

INCREASES 1994 1st LAAM BN - ACTIVATED
1994 MACS-7 ATC DET A - ACTIVATED

DECREASES 1994 STATION OPERATIONS&MAINTENANCE

SQUADRON - DEACTIVATED
1994 2nd LAAM BN - DEACTIVATED
1994 MATCS-38 DET A - DEACTIVATED

10a. List all other USN/USNR, USMC/USMCR, and other DoD or non-DoD active and SELRES units not listed previously, that are scheduled to be stationed at this air station at the end of the indicated fiscal years.

Unit	Active or Reserve	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
NONE						

10b. For each of these other reserve Navy/Marine Corps units at your air station, provide the number of authorized billets and the number of personnel actually assigned to the squadron for the past three fiscal years. Provide this information in the format below for both Selected Reservists (SELRES) and Training and Administration of Reserves (TAR) Navy reservists/Full-Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning in the remarks section.

NONE

NR Activity/Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Officer												
Enlisted												

Remarks:

11. For all reserve units that train at the air station, summarize the average number of candidate reservists on **waiting lists for reserve billets** (i.e., station/squadron/unit/etc.) during the years indicated.

THERE ARE NO RESERVE UNITS THAT TRAIN AT MCAS. THE ONLY RESERVE UNIT IS A PERMANENTLY ASSIGNED SQUADRON.

	Average Personnel on Waiting List		
	FY 1991	FY 1992	FY 1993
Pilot			
NFO			
Other Officers			
Enlisted			

TRAINING SUPPORT

12a. Estimate the number of **flight operations** (take-off, landing, touch and go, and approach without landing) per year at your installation that are needed **to maintain required operational readiness** by each squadron/unit assigned to the installation. Provide comments on the basis for these values.

Squadron/ Unit	Aircraft Type	Number of Flight Operations/Yr	Comments
VMA-211	AV-8B	11,160	20 LDGS/PILOT/ MO 10 APPRCH/PILOT/ MO
VMA-214	AV-8B	11,160	SAME AS ABOVE
VMA-311	AV-8B	11,160	SAME AS ABOVE
VMA-513	AV-8B	11,160	SAME AS ABOVE
MAWTS-1*	ALL USMC (PLUS E-3, E-2C, F-14, H-60, OH-53, H-3 & OTHERS	8,000	N/A
SOMS	UC-12B	2,160	TO INCLUDE 120 HRS NIGHT & INSTRUMENT TIME MIN.
SOMS	HH-1N	2,360	TO INCLUDE 60 HRS NIGHT & INSTRUMENT TIME MIN.

* THIS NUMBER INCLUDES 3,900+ FLIGHT OPERATIONS PER COURSE (2 PER YEAR) PLUS ADDITIONAL FLIGHT OPERATIONS FLOWN BY INSTRUCTORS BETWEEN COURSES.

12b. For each **Special Use Airspace (SUA)** or airspace-for-special use routinely used by squadrons/units assigned to your installation (regardless of location[1]), indicate how many hours per year are **required for** each user to maintain **required operational readiness**. Special Use Airspace includes alert areas, military operating areas (MOA), restricted areas, and warning areas which are used for air-to-air, air-to-ground, electronic (EW, ECM), low level training routes (MTRs), and other training.

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include RON/domestic deployment training

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
R-2301W	E/5NM	AIR-AIR LOW ALTI-TUDE	M62974	VMFT-401	ACM/LATT	1056
R-2301W	E/5NM	AIR-AIR AIR-GROUND	M62974	MAWTS-1	AA/AG	1485
R-2301W	E/5NM	AIR-AIR LOW -ALTI-TUDE	M62974	MAG-13	AA/LATT	2000
R-2301E	E/60 NM	AIR-AIR	FBKLUF	VMFT-401	AA	72
R-2301E	E/60 NM	AIR-GROUND	FBKLUF	MAWTS-1	AG	850
R-2306/08	NE/21 NM	AIR-AIR	M62974	VMFT-401	AA	749
R-2306/08	NE/21 NM	AIR-AIR	M62974	MAWTS-1	AA	250
R-2306/08	NE/21 NM	AIR-AIR	M62974	MAG-13	AA/PMCF	1000
R-2507	NW/45N M	AIR-AIR LOW ALTITUDE	M62974	VMFT-401	AA/LATT	720
R-2507	NW/45 NM	VARIETY	M62974	MAWTS-1	LATT/AG/AA/CAS	1250
R-2507	NW/45N M	VARIETY	M62974	MAG-13	LATT/AG/AA/ CAS/PMCF	2000
R-2501	NW/ 145 NM	AIR-AIR AIR-GRD	M67399	VMFT-401	AA/AG	15
R-2501	NW/ 145 NM	VARIETY	M67399	MAG-13	LATT/CAS/AG/ AA/PMCF	2500
R-2510	NW/67 NM	AIR-GROUND	M62974	MAWTS-1	AG	20
R-2510	NW/67 NM	AIR-GROUND	M62974	MAG-13	AG	500
R-2503	NW/ 100 NM	AIR-GROUND	M00681	MAG-13	AG	500

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
R-2512	NW/33NM	AIR-GROUND	M62974	MAWTS-1	AG	290
ABEL MOA	NW/33NM	AIR-AIR	M62974	VMFT-401	AA	720
ABEL MOA	NW/33NM	REFUEL-ING/ HOLDING	M62974	MAWTS-1	M	500
ABEL MOA	NW/33NM	VARIETY	M62974	MAG-13	NAV/LATT/AA/ PMCF	2000
DOME MOA	S/3NM	MAINTENANCE CHECK FLIGHTS	M62974	MAG-13	PMCF/TRANSIT	1000
KANE MOA	NW/52NM	AIR-AIR	M62974	VMFT-401	AA	18
KANE MOA	NW/52NM	REFUEL-ING - HOLDING	M62974	MAWTS-1	M	90
QUAIL MOA	N/65 NM	AIR-AIR	M62974	VMFT-401	AA	10
QUAIL MOA	N/65 NM	AIR-AIR REFUEL-ING	M62974	MAWTS-1	M/AA	510
TURTLE MOA	N/96 NM	AIR-AIR	M62974	VMFT-401	AA	10
TURTLE MOA	N/96 NM	REFUEL-ING/ HOLDING	M62974	MAWTS-1	M	10
IMPERIAL ATCAA	NW/20 NM	AIR-AIR	M62974	AVAIL-ABLE FOR ALL UNITS	AA	73
VR-1266	NW/5NM	LOW-AL-TITUDE/ DEEP AIR SUPPORT	M09041	MAG-13	NAV/LATT/DAS	750

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
VR-1267	NW/5N M	LOW AL-TITUDE/ DEEP AIR SUPPORT	M09041	MAG-13	NAV/LATT/DAS	750

Remarks:

12c. For each **Special Use Airspace (SUA)** or airspace-for-special-use complete the following table:

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized[1]	Operating Limitations [2]
					# Hours	# Hours	
DOME MOA	**S/3**	**MAINT. CHECK FLIGHT**	**M62974**	**1991**	**373.3**	**169.7**	**NO SUPERSO NIC**
				1992	**218.2**	**136.6**	**NO SUPER SONIC**
				1993	**236.9**	**135.8**	**NO SUPERSO NIC**
IMPER-IAL ATCAA	**NW/20**	**AIR - AIR**	**M62974**	**1991**	**101.4**	**153.8**	**NO SUPER SONIC**
				1992	**218.2**	**136.6**	**NO SUPER SONIC**
				1993	**91.3**	**72.9**	**NO SUPER SONIC**
2301W/MS/ CW	**SE/5**	**AIR-AIR, LOW ALTI-TUDE, AIR - GRND**	**M62974**	**1991**	**6518.2**	**3553.8**	
				1992	**6582.9**	**4019.4**	
				1993	**6061.7**	**3886.1**	

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized[1]	Operating Limitations [2]
					# Hours	# Hours	
QUAIL MOA	NE/650	AIR - AIR, RE-FUEL-ING, HOLD-ING	M62974	1991	1276	*	NO SUPER SONIC
				1992	711	*	NO SUPER SONIC
				1993	418	*	NO SUPER SONIC
KANE MOA	NW/52	AIR- AIR, RE-FUEL-ING, HOLD-ING	M62974	1991	2381.8	1530.6	NO SUPER SONIC
				1992	2213.8	1364.8	NO SUPER SONIC
				1993	1732.9	953.3	NO SUPER SONIC
TURTLE MOA	N/96	AIR-AIR, RE-FUEL-ING, HOLD-ING	M62974	1991	1128.7	*	NO SUPER SONIC
				1992	992.6	*	NO SUPER SONIC
				1993	858.6	*	NO SUPER SONIC
R2510	NW/67	AIR - GRND	M62974	1991	3094.2	2579.2	NO SUPER SONIC
				1992	2708	2579.2	NO SUPER SONIC

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized[1]	Operating Limitations [2]
					# Hours	# Hours	
				1993	3575.5	1394	NO SUPER SONIC
ABEL B/E	NW/33	AIR - AIR, VARI-ETY	M62974	1991	2454	1717.2	NO ORD
				1992	3120.2	1877.3	NO ORD
				1993	2547.5	1759.8	NO ORD
2507 H/N/S	NW/45	ORDN LIVE DROP, AIR - AIR, LOW ALTI-TUDE, AIR - GRND, VARI-ETY	M62974	1991	9262.9	5535.2	VFR, NO SUPER SONIC
				1992	10064.5	6165.1	VFR, NO SUPER SONIC
				1993	9202.3	6237.6	VFR, NO SUPER SONIC
R2512	NW/33	AIR-GRND	M62974	91	1686.8	1078.4	NO SUPER SONIC
				92	1666	917.7	NO SUPER SONIC
				93	1396.8	791.8	NO SUPER SONIC

* UTILIZATIONNOT RECORDED BY MCAS. AREA CONTROLLED BY LA ARTCC.

[1] For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% cancelled due to weather; 10% cancelled for unscheduled range maintenance, etc.).
[2] Provide any comments on operating limitations.

12d. Assuming that the flight training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional use of airspace assets could be

realized? Provide details and assumptions for all calculations.

THE ONLY ADDITIONAL USE OF AIRSPACE MIGHT BE TO HAVE SPECIAL ON REQUEST MOA'S AT DIFFERENT TIMES DURING THE YEAR TO CONNECT ALL RANGES FOR LARGE JOINT OPS EXERCISES.

12e. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What additional operating capacity would be realized? Provide cost and details of all additional capacity calculations.

NONE - NO MILCON'S SCHEDULED FOR THIS AREA.

12f. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

1. THE USE OF A TEMPORARY FORWARD OPERATING BASE (FOB) LOCATED AT STOVAL AUXILIARY AIRFIELD WOULD INCREASE RANGE UTILIZATION EFFICIENCY. CONSTRUCTED OF PORTABLE AM 2 MATTING, AND ASSEMBLED AND DISASSEMBLED FOR EACH WEAPONS AND TACTICS COURSE, IT WOULD ALLOW AIRCRAFT TO STAGE IN THE R-2301E RANGES. THIS WILL OPEN UP R-2301W FOR SIMULTANEOUS USAGE AS WELL AS INCREASING TACTICAL REALISM. COSTS ARE BEING DEVELOPED FOR THIS PROJECT, THERE ARE NO FIRM NUMBERS DEVELOPED AT THIS TIME.

2. THE INTEGRATING OF THE TACTS SYSTEM IN R-2301W WITH THE AIR FORCE 36 PLANE SYSTEM, TO BE INSTALLED IN R-2301E, WOULD GREATLY ENHANCE THE POSSIBLE TACTICAL SCENARIOS AS WELL AS JOINT OPERATIONS. THE SYSTEM IS TO BE INSTALLED DURING FY96 AND THERE HAVE BEEN DISCUSSIONS WITH THE AIR FORCE TO INCLUDE THIS CAPABILITY AS PART OF THEIR INSTALLATION COST.

3. THE INSTRUMENTING OF R-2306/08 AND R-2507 WITH TACTS SYSTEMS. THE ESTIMATED COSTS FOR EQUIPMENT AND INSTALLATION FOR BOTH RANGES IS APPROXIMATELY $12-15M PER RANGE DEPENDING ON THE AREA TO BE COVERED AND CAPABILITIES DESIRED IN SYSTEM.

12g. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., airspace size/availability, AICUZ restrictions, environmental restrictions, land areas).

ENVIRONMENTAL CONCERNS LIMIT AIRSPACE ABOVE THE CABEZA PRIETA NWR. THE NUMEROUS AUXILIARY AIRFIELDS ON THE AIR FORCE SIDE OF THE R-2301 RANGE ARE NOW BEING RETURNED TO THEIR NATURAL STATE AND ARE BECOMING INCREASINGLY DIFFICULT TO SCHEDULE AND DANGEROUS TO USE DUE TO SCRUB GROWTH.

12h. In the event that it became necessary to increase base loading at your installation, does the airspace overlying and adjacent to your installation have the capacity to assume an additional workload? Estimate the percentage of the possible increase. Provide the basis/calculations for these estimates.

THE EXISTING AIRSPACE STRUCTURE AND ACCESS TO RANGES AND SPECIAL USE AIRSPACE CAN ACCOMMODATE AN INCREASE OF SQUADRONS BASED AT MCAS YUMA. THE FOLLOWING FIGURES WERE TAKEN FROM THE MCAS YUMA ANNUAL UTILIZATION REPORT FOR SPECIAL USE AIRSPACE.

THE FIGURES ARE FROM SIX OF THE AREAS IN THE REPORT (R-2301W, R2507N, R-2507S, R-2510, R-2512, AND ABEL MOA). R-2512 IS THE ONLY AREA THAT IS NOT CHARTED AS CONTINUOUS USE AND THE FIGURES TAKE THIS INTO CONSIDERATION. WE ALLOWED 4 WEEKS FOR THE PURPOSE OF RANGE MAINTENANCE WHICH WOULD NOT PERMIT UNITS TO CONDUCT ORDNANCE DELIVERY TRAINING. EVEN THOUGH THE SUA COULD STILL BE UTILIZED FOR TRAINING, THE FINAL RESULT REFLECTS ORDNANCE DELIVERY

TRAINING AVAILABILITY. THERE ARE 8,088 HOURS THAT ALL THE AREAS CAN BE UTILIZED PER YEAR EXCEPT R-2512. WE USE 5392 HOURS FOR THE YEAR.

THE TOTAL HOURS POSSIBLE	**45,891 HOURS**
THE TOTAL HOURS SCHEDULED WAS	**19,981 HOURS**
POTENTIAL INCREASE (GROSS)	**25,910 HOURS**
INCREASE OF USAGE	**56%**

13a. For each **ground/water training facilities/ranges/training areas** routinely used by squadrons/units assigned to your installation (regardless of location[1]), indicate how many hours per year are required for each user to maintain readiness?

[1] include RON/domestic deployment training

Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
RIFLE RANGE	8 MI OFF BASE	RE-QUAL & FAM FIRE	M62974	H & HS MAG-13 MWSS-371 MACS-7 CSSD 2DLAAM-BN MAWTS-1	MARKSMANSHIP	47581 28950 13339 1000 144 2000 WAIVED
GAS CHAMBER	ON STAT-ION	IND PROTECT-IVE MEASURE	M62974	H & HS MAWTS-1	CHAMBER EXERCISE	410.5 190
PISTOL RANGE	ON STAT-ION	REQUAL & FAM FIRE	M62974	H & HS MAG-13 MWSS-371 MATCS-38 MACS-7 CSSD 2DLAAM-BN MAWTS-1	MARKSMANSHIP	2604.5 3468 1055 428 21 30 1000 WAIVED
POOLS	ON STAT-ION	INITIAL WATER SURV. TRNG.	M62974	H & HS MACS-7 CSSD 2DLAAM-BN	WATER SURVIVAL	11,200 40 10 772

Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
*ITV CLASS-ROOM	ON STAT-ION	INSTRUCT-IONAL TELEVIS-ION	M62974	H & HS		
THEATER	ON STAT-ION	MILITARY TRNG	M62974	H & HS MACS-7	PME	8400 48
STATION TRNG CLASS-ROOMS	ON STAT-ION	MILITARY TRNG	M62974	H &HS	PME	600
FIRE DEPT TRNG TOWER	ON STAT-ION	RAPPEL-ING	M62974	H & HS	RAPPELING	2000
RANGE #2301W	40 MI	TRNG	M62974	2DLAAMBN	AAW,LIVE FIRE OPS	720
DEMO RANGE	15 MI	INSTRUCT-ION	M62974	CSSD-16	CST BST	14
RANGE 29 PALMS	ST300 MI	TRNG	M35010	2DLAAM-BN	AAW,OPS	360
RANGE CAMPEN	200 MI	TRNG	M02208	2DLAAM-BN	AAW,OPS	360

Remarks:

13b. For each **ground/water training facility/range/trainingarea** listed above, complete the following table:

Ground Training Facility	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized[1]
					# Hours	# Hours
RIFLE RANGE	8 MI	REQUAL& FAM FIRE	M62974	1991		
				1992	75,300	73,600
				1993	88,650	88,000
PISTOL RANGE	ON BASE	REQUAL & FAM FIRE	M62974	1991		
				1992	6975	6675
				1993	8250	7575
GAS CHAMBE R	ON BASE	IND PROTEC MEASURE	M62974	1991		
				1992	1846	1800
				1993	1902	1875
THEATE R	ON BASE	MILI-TARY TRAIN-ING	M62974	1991	52,400	52,400
				1992	50,250	50,250
				1993	53,600	53,600
STA-TION TRAIN-ING CLASS-ROOM	ON BASE	MILI-TARY TRAIN-ING	M62974	1991		
				1992	500	500
				1993	600	600
DEMO-LITION RANGE	SE/15 MI	DEMO INS-TRUC-TION	M62974	1991	0	0
				1992	8	8

				1993	14	14
RANGE 2301W	40 MI	AAW/ TRAIN-ING	M62974	1991	720	720
				1992	720	720
				1993	720	720
RANGE 29 PALMS	300 MI	AAW/ TRAIN-ING	M35010	1991	360	360
				1992	360	360
				1993	360	360
RANGE CAMP PEN-DLE-TON	200 MI	AAW	M02208	1991	360	360
				1992	360	360
				1993	360	360

* POOL, ITV CLASSROOM , AND FIRE DEPARTMENT TRAINING TOWER ARE NOT SCHEDULED. THEY CAN BE USED BY ANY TENANT COMMAND WHEN AVAILABLE.

[1] For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% cancelled due to weather; 10% cancelled for unscheduled range maintenance, etc.).

RIFLE RANGE 1992 - 2% WAS CANCELLED FOR WEATHER AND UNUSED QUOTAS.
RIFLE RANGE 1993 - 1% WAS CANCELLED FOR WEATHER AND UNUSED QUOTAS.
PISTOL RANGE 1992 - 4% WAS CANCELLED FOR UNUSED QUOTAS.
PISTOL RANGE 1993 - 8% WAS CANCELLED FOR UNUSED QUOTAS.
GAS CHAMBER 1992 - 2% WAS CANCELLED FOR UNUSED QUOTAS.
GAS CHAMBER 1993 - 1% WAS CANCELLED FOR UNUSED QUOTAS.

13c. Assuming that the ground training facility/range/trainingareas are not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc. , what additional capacity (beyond scheduled) could be gained? Provide details and assumptions for all calculations.

CAPACITY AT THE GROUND TRAINING RANGES/AREAS IS SUFFICIENT FOR THE PRESENT NEEDS OF MCAS YUMA. IF NEEDED; HOWEVER, RIFLE AND PISTOL RANGE CAPACITY COULD BE INCREASED BY APPROXIMATELY 200-300 HOURS A WEEK BASED ON QUALIFYING 30-40 INDIVIDUALS FOR FOUR HOURS PER DAY, FOUR DAYS PER WEEK.

13d. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What additional capacity would be realized? Provide cost and details of all additional capacity

calculations.

THERE ARE NO MILCONS PLANNED FOR TRAINING FACILITIES THROUGH FY97

13e. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

1. MILCON P-480 (FY00) WOULD RELOCATE PISTOL RANGE FROM ON BASE TO A SITE NEXT TO THE RIFLE RANGE. ESTIMATED COST IS $500K. COST IS FOR SITE WORK, ROAD IMPROVEMENTS AND EXTENSION OF UTILITIES.

2. CONSTRUCTING TWO PUSH-UP PADS AND A SIMULATED ROAD AS WELL AS PERFORMING RUNWAY IMPROVEMENTS AT AUX 2 WOULD PROVIDE C-130 EXPEDITIONARY AIRFIELD AND AV-8 ROAD TRAINING CAPABILITY. ESTIMATED COST IS $887K. COST IS FOR ENVIRONMENTAL STUDIES, CONCRETE AND ASPHALT WORK.

3. CURRENTLY MAWTS-1 IS EVALUATING THE POSSIBILITY OF BUILDING A FORWARD OPERATING BASE (FOB) AT STOVAL. THIS IS STILL IN THE PLANNING PHASE AND THE COST HAS NOT BEEN DETERMINED. IT IS KNOWN THOUGH THAT THE INITIAL ENVIRONMENTAL IMPACT STUDY WILL BE $50,000.

13f. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., zoning restrictions, lack of available space, etc.).

ENVIRONMENTAL RESTRICTIONS SUCH AS :

A) EPA REGULATIONS ARE NOW SO RESTRICTIVE THAT EMPLOYMENT OF AIR DEFENSE ASSETS ON THE RANGE IS BECOMING ADMINISTRATIVE VICE TACTICAL.

B) HOLTVILLE AIRFIELD WHICH HAS BEEN USED BY MAWTS-1 SINCE THE SCHOOLS' INCEPTION IN 1978 IS BEING EXCLUDED FROM MARINE CORPS USE PENDING AN ENVIRONMENTAL ASSESSMENT.

C) AT AUX-2, THE TRIANGULAR LAND AREA BETWEEN THE NORTH LHA PAD, THE WEST ACCESS ROAD AND THE EAST TACTICAL RUNWAY HAS BEEN RESTRICTED TO ALL ACTIVITY FOR ENVIRONMENTAL REASONS. THIS RESTRICTION HAS STOPPED OUR USE OF OUR HMMWV MOUNTED MOBILE AIR TRAFFIC CONTROL TOWER FOR TACTICAL ZONE LANDING OPERATIONS. WE ARE NOW RESTRICTED TO USING LESS CAPABLE BACKPACKED FIELD RADIOS.

14a. By facility Category Code Number (CCN), provide the usage requirements for each course of instrurequired for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
CLASSROOM	WTI INSTRUCTOR COURSE	ADVANCED AVIATION	292	864	252, 288	300	864	259, 200

CLASSROOM	WTI CMDRS COURSE	ADVANCED AVIATION	84	36	3,024	100	36	3,600
CLASSROOM	WTI REFRESHER COURSE	ADVANCED AVIATION	55	36	1,980	100	36	3,600
CLASSROOM	WTI ACADEMIC COURSE	ADVANCED AVIATION	32	252	8,064	50	252	12, 600

A = Students per year
B = Number of hours each student spends in this training facility for the type of training received
C = A X B

14b. By Category Code Number (CCN), complete the following table for all **training facilities** aboard the installation. Include all 171-xx, 179-xx CCN's.

For example: In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN	Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)[2]
171-10	ACADEMIC INSTRUCTION	3	144	345,600
171-20	APPLIED INSTRUCTION*	2	105	252,000
171-25	AUDITORIUM	2	304	729,600
171-35	FIRE TOWER TACTS** AV-8B (2F149) AV-8B (2F150)	1 1 1 1	30 72 1 1	72,000 224,640 2,080 3,640
179-40	RIFLE RANGE PISTOL RANGE	1 1	30 25	72,000 60,000
179-55	TRAINING TANKS	2	350	840000

*THREE APPLIED INSTRUCTION FACILITIES ARE WITHIN SECURITY RESTRICTED AREAS AND ARE NOT AVAILABLEFOR SCHEDULING BY THE STATION. THESE FACILITIES ARE USED BY MAWTS-1 DURING THE WEAPONS TACTICS INSTRUCTOR COURSES.

**THE TOTALS SHOWN ARE ONLY FOR THE TACTS FACILITY AT MCAS YUMA. SATELLITE SYSTEMS EXIST AT MCAS EL TORO, NAS MIRAMAR AND NAF EL CENTRO. THESE SITES RECEIVE THEIR DATA FROM YUMA. THE NUMBER OF STUDENTS TRAINED AT THOSE INSTALLATIONSIS NOT INCLUDED.

[1] 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, i.e.,ranges. Design Capacity (PN) must reflect current use of the facilities.

[2] Design how the student HRS/YR value in the preceding table was derived..

14c. Assuming that the ground school training facility **is not constrained by operational funding** (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc, what additional capacity (in student hours/yr) could be gained? Provide details and assumptions for all calculations.

NONE

14d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc. cannot overcome.

NONE

14e. For facilities with category codes 171-xx, 179-xx, and any other CCN's, provide the amount of adequate, substandard and inadequate **facilities** in terms of square feet and number of students.

Parent UIC	CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
			SF	PN	SF	PN	SF	PN	SF	PN
M62974	17110	CLASSRM ACAD INST	6207						6207	
M62974	17120	APPLIED INST	44404		6826				51230	
M62974	17125	AUDITOR-IUM	6942						6942	
M62974	17135	OPERATIONAL TRAINER	32784						32784	
M62974	17940	SMALL ARMS RANGE OUTDOORS	N/A						N/A	
M62974	17955	COMBAT POOLS	N/A						N/A	

In accordance with NAVFACINST11010.44E, 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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

SHIP BERTHING CAPACITY

THIS ENTIRE SECTION 15 DOES NOT APPLY TO MCAS YUMA.

15a. For each **Pier/Wharf** at your facility list the following **structural characteristics.** Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

Pier/ Wharf & Age[1]	CCN[2]	Moor Length (ft)	Design Dredge Depth[3] (ft) (MLLW)	Slip Width[4] (ft)	Pier Width (ft)[5]	CIA/Security Area? (Y/N)[6]	ESQD Limit[7]	# Days OOS for maint.

[1]Original age and footnote a list of MILCON improvements in the past 10 years.
[2]Use NAVFACP-80 for category code number.
[3]Comment if unable to maintain design dredge depth
[4]Water distance between adjacent finger piers.
[5]Indicate if RO/RO and/or Aircraft access. Indicate if on-pier structure limits open pier space.
[6]Describe the additional controls for the pier.
[7]Net explosive weight. List all ESQD waivers that are in effect with expiration date.

15b. For each **Pier/Wharf** at your facility list the following ship support characteristics:

Pier/ Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity[1]	Potable Water (GPD)	CHT (GPD)	Oily Waste[1] (gpd)	Steam (lbm/hr & PSI)[2]	Fendering limits[3]

[1]List only permanently installed facilities.
[2]Indicate if the steam is certified steam.
[3]Describe any permanent fendering arrangement limits on ship berthing.

15c. For each pier/wharf listed above state today's normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Pier/ Wharf	Typical Steady State Loading[1]	Ship Berthing Capacity	Ordnance Handling Pier Capacity[2]	IMA Maintenance Pier Capacity[3]

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

15d. For each pier/wharf listed above, based on Presidential Budget 1995 budgeted infrastructure improvements in Presidential Budget 1995 through FY1997 and the BRAC 91 and 93 realignments, state the expected normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Pier/ Wharf	Typical Steady State Loading[1]	Ship Berthing Capacity	Ordnance Handling Pier Capacity[2]	IMA Maintenance Pier Capacity[3]

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

15e. How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

15f. What is the average pier loading in ships per day due to visiting ships at your base. Indicate if it varies significantly by season.

15g. Given no funding or manning limits, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

15h. Describe any unique limits or enhancements on the berthing of ships at specific piers at your base.

FACILITIES

16a. Using the types (and mix) of aircraft currently stationed at your installation, project the additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be based and parked on your **current parking aprons.**
Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accomodate a surge demand for space (maintaining safe operating procedures).

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft) *		Total	
		NAVFAC	Surge	NAVFAC	Surge
F-5E/F	13	4*	4*	17	17
AV-8B	80	128**	128**	208**	208**
C-12	2	0	0	2	2
HH-1N	3	0	0	3	3

Provide the **details of your calculations**, including your assumptions on the minimum separation between aircraft, parking angle, folding of aircraft wings and any obstructions that may limit the placement of aircraft on the parking apron spaces. Indicate if taxiway aprons are used in the projection.

*** VMFT-401 HAS TWO PARKING LINES. DUE TO PLACEMENT OF THE WELLS UNITS AND PROXIMITY TO TAXIWAY, ONLY FOUR ADDITIONAL AIRCRAFT COULD BE HANDLED ON THOSE TWO LINES.**

**** THE ADDITIONAL 128 AV-8B AIRCRAFT WOULD BE PLACED ON THE VISITING AND TRANSIENT AIRCRAFT PARKING LINES. THE ONLY WAY TO ACCOMPLISH THIS; HOWEVER IS TO TERMINATE THE SEMIANNUAL WEAPONS TACTICS INSTRUCTOR (WTI) FORMAL COURSE OF INSTRUCTION AND ALL UNIT DEPLOYMENT TRAINING TO MCAS YUMA.**

** UNLESS THE TRANSIENT, DEPLOYMENT SUPPORT LINES AND CALA ARE REMOVED, NO ADDITIONAL AIRCRAFT CAN BE PARKED.

16b. List current **usage of parking apron area** in SF, being used by the following categories of Squadron/Aircraft. The six categories listed correspond to the categories described above in questions 5 ,6, 7, 8, 9, and 10. Category Code Number (CCN) from P-80. Provide an estimate for FY 2001.

Parking Apron Location/ Designator	Apron Area in SF (CCN 113-20) and Apron Access Area in SF (CCN 113-40						
	Active SQD/Det A/C	Reserve SQD/Det A/C	USN/USMC Station A/C	DoD or non-DoD A/C	Other USN(R) USMC(R), DoD/non-DOD	Other units not covered and transient A/C	
AV8B (MAG-13)	760,000						
TRANSIENT A/C						260,000	
TRAINING SQDNS					660,000		
F105 (VFMT-401)		160,000					
C-12/SAR HELO'S			20,000				
Column totals	760,000	160,000	20,000	0	660,000	260,000	[1] 1,860,000

[1] Grand total

16c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional parking capacity** would be realized? Provide cost and details of all additional capacity calculations.

(1) MILCON PROJECT, COMBAT AIRCRAFT LOADING APRON PHASE 2 (FY97) P-482, COULD CONSTRUCT A NEW LOADING APRON TO THE SOUTH IF LAND WAS ACQUIRED BY MILCON P-481. THE EXISTING LOADING APRON WOULD THEN BE UTILIZED FOR AIRCRAFT PARKING WHEN NOT BEING USED DURING TRAINING EXERCISES FOR ORDNANCE LOADING. ACCORDING TO THE P-80 CRITRIA, THE STATION COULD PARK 60, AV8B AIRCRAFT ON THE APRON. THE APRON, 1100'X700' MINUS THE 150' PERIPHERAL TAXI LANE, IS 800'X400'. THE AV8B HAS A WINGSPAN OF 30' AND FUSELAGE LENGTH OF 46'. SEPARATION DISTANCE FOR PARKING AV8B'S: WING TIP-TO-WING TIP IS 10' AND NOSE-TO-TAIL IS 100'. THE AV8B AIRCRAFT WAS USED AS AN EXAMPLE BUT AIRCRAFT PARKING WILL VARY DEPENDING ON THE SIZE AND TYPE OF AIRCRAFT UTILIZED.

(2) MILCON PROJECT, AIRCRAFT MAINTENANCE HANGAR (FY96) P-442, WILL CONSTRUCT ONE DUAL SQUADRON HANGAR AND 29,000 SY OF PARKING APRON. UTILIZING THE SAME CRITERIA FOR PARKING THE AV8B, THIS APRON WILL ACCOMMODATE 40 AIRCRAFT. THE COST OF THIS MILCON IS $12,324,000. THE APRON WILL BE 650'X400', 90 DEGREE PARKING ASSUMED, PERIPHERAL TAXIWAY REQUIRED ON THE END (150') AND THE AIRCRAFT LINES WILL BE 400' IN DIMENSION.

16d. What additional projects could be added to provide parking space? At what estimated cost? Provide details and assumptions for all calculations.

AN ADDITIONAL PROJECT FOR MORE AIRCRAFT PARKING SPACE COULD BE PROPOSED. THE PROJECT WOULD INSTALL 92,000 SY OF AIRCRAFT PARKING APRON ACCOMMODATING 113 AV8B AIRCRAFT. THIS MILCON WOULD INSTALL 128,458 SY OF 10 INCH CONCRETE AT $40.00 PER SY FOR A SUBTOTAL COST OF $5,138,320. TOTAL PROJECT REQUEST FOR ESTIMATE YEAR 1994 IS $5,745,926.

THIS PROJECT WOULD INCLUDE:

(1) INSTALLING A 150' WIDE TAXIWAY FROM THE INTERSECTION OF TAXIWAYS M&N, DUE EAST TO INTERSECT WITH TAXIWAY C (WHICH WAS EXTENDED SOUTH BY PROJECT P-442). THIS WILL BE 25,000 SY OF TAXIWAY OVER THE TOP OF THE ABANDONED TAXIWAY G.

(2) TAXIWAYS N&O MUST BE WIDENED 75' SO EACH TAXIWAY IS 150' WIDE. THE WIDENING WILL COVER 11,458 SY.

(3) THE PARKING APRON WILL INCLUDE GROUNDING, TIE DOWNS, PARKING AND DIRECTIONAL MARKINGS AND ELECTRICAL POWER.

16e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, etc.).

THERE ARE NO LIMITING FACTORS

17a. List the **hangars** at the air station. Identify by (P-80) type, year built, dimensions.

Hangar ID/#	Type I, II or (O)ther	Year Built	Hangar Deck Dimensions (FEET)	Limiting Height	Current Usage	In SF			
						Adequate	Substandard	Inadequate	Total
97	I	73	100 X 193	28' 1 "	VMA 214	19,300			19,300
101	I	65	80'5 X 162'	27' 10"	VMA 211	13,073			13,073
103	I	65	80'5 X 162'	27' 10"	VMA 311	13,073			13,073
109	I	61	80'5 X 162'	27' 10"	VMA 513	13,073			13,073
146	I	61	80'5 X 162'	27' 10"	VMFT-401		13,073		13,073
220	I	88	80' X 238'	29'	TRANSIENT	19,000			19,000
227	I	43	130' X 172'	22'	SAR C-12	22,446			22,446

In accordance with NAVFACINST11010.44E,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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

17b. For each **hangar** provide **space allocation** information listed in table below. Indicate if OPS/ADMIN space is in a non-contiguous building, Provide subtotal for each hangar.

Hangar #/ID/Type	SQD/Mod# Assignment[1]	Ops + Admin Spaces SF/ Module	Maint Shops SF/ Module (O Level)	Hangar Deck SF/Module	A/C Line parking spaces [2,3]		
					#/ Module	SF	Elec. Pwr.
97 I	VMA 214	8,700	8,700	19,300	21	190K	YES
101 I	VMA 211	9,566	9,566	13,073	21	190K	YES
103 I	VMA 311	9,566	9,566	13,073	21	190K	YES
109 I	VMA 513	9,687	9,687	13,073	22	190K	YES
146 I	VMFT-401	5,222	5,222	13,081	17	160K	YES
220 I	TRANS-IENT	9,646	9,646	19,000	*	920K	YES
227 I	SAR/C-12	7,162	3,476	22,446	4	160K	YES

TOTAL		59,549	55,863	113038	107	2,000K	YES

[1] Provide which SQD/Det was assigned to the specific module at receipt of this Data Call. (i.e., VFA-15,Hgr 1, Mod C)
[2] Dedicated aircraft parking spaces per Module and total square feet (SF) of A/C line parking spaces
[3] Are there A/C line parking spaces supported by permanently installed electric power? (Y/N)

* DEPENDS ON AIRCRAFTSIZE.

17c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional hangar capacity** would be realized? Provide cost and details of all additional capacity calculations.

1996 MILCON PROJECT, P-442, WILL CONSTRUCT ONE, DUAL SQUADRON HANGAR. THE HANGAR CAPACITIES WOULD BE AS FOLLOWS:

CATEGORYCODE:	211-05	HANGAR SPACE	19,000	SF
	211-06	SHOPS	9,646	SF
	211-07	ADMIN	9,646	SF
		TOTAL HANGAR SPACE	38,292	SF

MILCON PROJECT P-442 HAS BEEN COST ESTIMATED FOR FY-96 AT $12,324,000.

17d. What additional projects could be added to provide more hangar space? At what estimated cost? Provide details and assumptions for all calculations.

AFTER THE CONSTRUCTION OF P-442 AN AIRCRAFT MAINTENANCE HANGAR (FY96), AND AFTER RELOCATION OF THE ORDNANCE, STORAGE, STAGING, ASSEMBLY AND LOADING OPERATIONS, FURTHER FLIGHTLINE DEVELOPMENT IS POSSIBLE. THE FLIGHTLINE APRON COULD BE EXTENDED SOUTH 1500 FEET AND THEN TURNED WEST UNTIL IT MEETS THE EXISTING CALA. THE CALA WOULD NO LONGER BE A CALA AND WOULD BECOME PART OF A LARGE AIRCRAFT PARKING APRON. THE WEST END OF THE EXISTING CALA WOULD BE THE END OF ANY POSSIBLE APRON EXPANSION. ALONG THE EAST SIDE OF THE 1500 FOOT APRON SECTION RUNNING NORTH AND SOUTH, TWO DUAL SQUADRON HANGARS COULD BE BUILT. ALONG THE SOUTH SIDE OF THE SECTION RUNNING EAST AND WEST (NOW INCLUDING THE CALA), TWO MORE DUAL SQUADRON HANGARS COULD BE BUILT, AT A COST OF $55,000,000. THESE FOUR HANGARS WOULD ACCOMMODATE EIGHT SQUADRONS WITH AIRCRAFT TOTALING 160. THESE HANGARS WOULD BE IDENTICAL TO THE EXISTING HANGAR, BUILDING NUMBER 220. P-442 IS ALSO THE SAME TYPE OF HANGAR. CATEGORYCODES AND SPACE BREAKDOWNS LISTED IN 17C WILL APPLY TO ALL NEW HANGARS.

17e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, lack of expansion space, etc.).

FLIGHTLINE EXPANSION SOUTH AND WEST TO THE CALA IS THE MAXIMUM HANGAR EXPANSION IN THIS DIRECTION BECAUSE OF THE APPROACH ZONE TO RUNWAY 17-35.

17f. List all **squadrons/detachments** normally homeported at this air station that were deployed and **not assigned** hangar/maintenance spaces at receipt of this data call.

NONE

Squadron/Detachment	#/Type Aircraft	Deployed Location

17g. List all **squadrons/detachments** normally homeported at this air station that were deployed and **were assigned** hangar/maintenance spaces at receipt of this data call.

Squadron/Detachment	#/Type Aircraft	Hanger Module Assignment
VMA-311	**20/AV-8B**	**HANGAR 103**
VMA-214DET B	**5/AV-8B**	**HANGAR 97**

17h. Using the types (and mix) of **aircraft** currently stationed at your installation, project the maximum additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be housed and maintained in **your current hangars**. Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accomodate a surge demand for space (maintaining safe operating procedures).

Aircraft Type	Current # of Aircraft Parked/Stationed	Maximum Additional Capacity (# of Aircraft)		Total (Current + Additional)	
		NAVFAC	Surge	NAVFAC	Surge
SEE NOTE*					

***IF MCAS YUMA IS TO MAINTAIN ITS CURRENT MISSION OF SUPPORTING LARGE NUMBERS OF DETACHMENTS COMING TO YUMA TO TRAIN, WE CANNOT HANDLE ANY ADDITIONAL PERMANENTLY STATIONED AIRCRAFT.**

Provide the **details of your calculations**, including your assumptions on the minimum separation between aircraft, folding of aircraft wings and any obstructions that may limit the placement of aircraft in the hangars.

18. Do you have any of the following special use facilities at the Air Station?

CCN	Type of Facility	In SF				# of Units	Year Built
		Adequate	Substandard	Inadequate	Total		
211-01	Aircraft Acoustical Enclosure	7,514	0	0	7,514	1	91
211-02	Nose Hangar	0	0	0	0	0	0
211-03	Corrosion Control Hangar	0	0	0	0	0	0
211-75	Parachute/Survival Equipment Shop	7,393	0	0	7,393	1	86
211-81	Engine Test Cell	6617	0	0	6,617	1	89
211-88	Power Check Pad with Sound Suppression	N/A	N/A	N/A	N/A	1	93
211-89	Power Check Pad without Sound Suppression	N/A	N/A	N/A	N/A	6	61, 78 85 85 87 92
211-96	Maintenance, Aircraft Spares Storage	604	0	0	604	4	92 78 85 87
116-10	Airfield Washrack Pavement	31,482	0	0	31,482	2	43 88
116-15	Aircraft Rinse Facility	0	0	0	0	0	0
214-30	Refueling Vehicle Shop	1,240	0	0	1,240	1	61
218-60	Aircraft Ground Support Equipment	15,000	0	0	15,000	1	82
141-87	(LOX FARM)	4,159	0	0	4,159	3	60 80 83
149-15	FIXED A.C START SYSTEM	N/A				1	73
211-21	ENGINE MAINT SHOP	23,768	0	0	23,768	1	81
211-45	AVIONICS SHOP	9,273	0	0	9,273	1	68
211-54	AVIATIONARMAMENT SHOP	13,400	0	0	13,400	1	89
211-06	AIRFRAME SHOP	21,547	0	0	21,547	1	81

In accordance with NAVFACINST11010.44E,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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

19a. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be supported with your present AIMD/MALS facility.

Aircraft Type	Current # of Aircraft	Additional # of Aircraft	Total
AV-8B	80	0	80
HH1N	3	0	3

Provide the basis (including source data) of your calculations in detail. Include limiting factors.

19b. Describe any aviation maintenance backlogs that the station currently experiences on a routine basis. List the average backlog times and the reasons for the backlogs (e.g. supply shortfall, insufficient local labor, over tasking of work stations, space limitations).

NONE

19c. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What additional maintenance capacity would be realized? Provide cost and details of all additional capacity calculations.

MILCON PROJECT P-442, AIRCRAFT MAINTENANCE HANGAR (FY96) WILL PROVIDE 19,000 SF OF HANGAR BAY AREA AND 9,646 SF OF MAINTENANCE SHOP AREA. THE ESTIMATED COST OF THIS PROJECT IS $12,324,000.

19d. What additional projects could be added to provide additional maintenance capacity? At what estimated cost? Provide details and assumptions for all calculations.

NONE

19e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., AICUZ restrictions, environmental restrictions, land areas, etc.).

THERE ARE NOT ANY LIMITING FACTORS.

20a. For the following **aircraft support facility** category codes, provide the amount of adequate substandard, and inadequate facilities.

CCN	Facility Type	Unit of Measure	Adequate	Substandard	Inadequate	Total	Number of Units
111-20	Landing Pads	SF	0	0	0	0	0
121-10	Direct Fueling	OL/GM	0	0	0	0	0
124-30	Fuel Storage	GA	4,554,438	1,034,726	0	5,589,164	4
421-xx	Ammunition Storage	CF/TONS	351,400	0	0	351400	37
425-xx	Open Ammunition Storage	SF	104,598	0	0	104,598	1
113-20	Parking Aprons	SF	2000000	0	0	2000000	0
113-40	Access Aprons	SF	219,951	0	0	219,951	0
116-56	Combat Aircraft Ordnance Loading Area	SF	741,987	0	0	741,987	2
	Other	0	0	0	0	0	0

In accordance with NAVFACINST11010.44E,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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

20b. Assume that all planned MILCON in PB 1995 (Presidential budget submission) through FY 1997 and BRACON is completed as scheduled. What **additional operating capacity** would be realized? Provide cost and details of all additional capacity calculations.

1. MILCON PROJECT P-483 (FY97) IS THE FIRST PHASE OF A 3 PHASE ORDNANCE RELOCATIONPROJECT. THIS PROJECT WILL PROVIDE THE NECESSARY REQUIREMENTS FOR ADEQUATE ORDNANCE STORAGE. THE MINIMAL NEW ORDNANCE STORAGE CAPABILITIESWILL ALLOW THE STATION TO MAINTAIN THE MINIMAL

MISSION STORAGE REQUIREMENTS WHICH WILL LOWER THE EXISTING ESQD ARCS OFF OF THE EXISTING CALA. THERE WILL BE NO LAND AVAILABLEFOR DEVELOPMENTIMMEDIATELYSOUTH OF THE CALA UNTIL THE COMPLETION OF PHASE III.

2. MILCON PROJECT P-482, THE COMBAT AIRCRAFTLOADING APRON (CALA) PHASE 1, WILL CONSTRUCT AN ORDNANCE LOADING APRON THE EXACT SIZE AS THE EXISTING LOADING APRON. WITH MINOR REVISIONS THE NEW CALA WILL ACCOMMODATEUP TO EIGHT ADDITIONALAIRCRAFTDEPENDING ON THE AIRCRAFT AND ORDNANCE LOAD (30 TOTALAIRCRAFT). WITH THE REMOVALOF THE ESQD ARCS, THE EXISTING CALA COULD BE USED AS AN AIRCRAFTPARKING APRON ACCOMMODATINGUP TO 60 AV8BAIRCRAFT.

3. MILCON PROJECT P-481, LAND ACQUISITION (FY96) WILL PROVIDE AMPLE UNDEVELOPED LAND TO SUPPORT THE MAWTS-1 WTI COURSE. MAWTS-1 ORCHESTRATES THE WEAPONS TACTICS INSTRUCTORS COURSE AS PART OF A MINI-WAR SCENARIO. GROUND FORCES THAT ARE PART OF THIS MINI-WAR ARE FORCED INTO SMALL, ROUGH TERRAIN AREAS OR THEY ARE SENT TO STATION RANGES. THIS WOULD AFFORD MAWTS-1 THE OPPORTUNITY FOR MORE EFFICIENT CLASSES.

20c. What additional projects could be added to provide additional operating capacity? At what estimated cost? Provide details and assumptions for all calculations.

PROJECTS THAT COULD BE ADDED TO PROVIDE ADDITIONALOPERATING CAPACITYARE:

1. MILCON PROJECT STATION ORDNANCE AREA PHASE II (FY98) P-484 AT THE COST OF $8,000,000WOULD PROVIDE UTILITYEXTENSIONS, SUPPORT FACILITIES, AND ORDNANCE STORAGE MAGAZINES.

2. MILCON PROJECT STATION ORDNANCE AREA PHASE III (FY99) P-485 AT THE COST OF $6,000,000WOULD COMPLETE THE MOVE OF THE ORDNANCE OPERATIONS TO THE NEW SITE. THIS PHASE WILL CONSTRUCT ORDNANCE STORAGE MAGAZINES WHICH WILL INCREASE THE STATION'S STORAGE CAPACITIES TO INCLUDE THE REQUIREMENTS AS DICTATED BY THE SECRETARYOF NAVY. MARINE CORPS AIR STATION, YUMA HAS BEEN DESIGNATED AS A WEST COAST STOCKING POINT. CURRENTLYTHE STATION IS UNABLE TO MEET THESE STORAGE REQUIREMENTS. THE REMOVALOF ALL ORDNANCE FROM THIS AREA WILL ELIMINATE THE ESQD ARCS OVER CIVILIANPROPERTY AND ALLOW FOR FURTHER DEVELOPMENT. THIS COULD INCLUDE THE EXTENSION OF THE FLIGHT LINE AND ADDITIONALHANGARS AS WELL AS FLIGHTLINE SUPPORT FACILITIES.

3. MILCON PROJECT COMBAT AIRCRAFTLOADING APRON (CALA) PHASE II (FY98) P-486 WOULD CONSTRUCT THE SECOND HALF OF THE CALA. THIS NEW APRON COSTING $9,843,000WOULD BE BUILT ADJOINING THE PHASE I CALA. PHASE I WILL ACCOMMODATE22 AIRCRAFTAND PHASE II WILL ACCOMMODATE26 AIRCRAFT. THE COMBINED CAPACITYOF 48 AIRCRAFTWOULD MORE THAN DOUBLE THE NUMBER OF AIRCRAFTNOW HANDLED.

4. MILCON PROJECT AIRCRAFTPARKING APRON (FY98) P-467 WOULD CONSTRUCT 102,500SY OF AIRCRAFT PARKING APRON AT THE COST OF $8,868,000. THIS APRON WOULD BE LOCATEDNORTH OF TAXIWAYC, FROM TAXIWAYA TO TAXIWAYB. THE EXISTING TEMPORARYFUEL BLADDERS WILL BE RELOCATED SOUTH OF THE MAIN RUNWAYS. THIS AREA WAS PRIMARILYJUSTIFIED TO ADEQUATELYPARK ALL OF THE ROTARYWING AIRCRAFTTHAT ARE UTILIZED IN THE MAWTS-1, WEAPONS TACTICS INSTRUCTORS (WTI) COURSE. HOWEVER, DURING THE OTHER HALF OF THE YEAR, DEPLOYED SQUADRONS WOULD UTILIZE THIS AREA.

20d. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., environmental restrictions, land areas, etc.).

RUNWAY17-35 IS USED PRIMARILYBY CIVILIANAIRCRAFT. STARTING AT THE THRESHOLD OF 35 AND EXTENDING SOUTH IS THE RUNWAYCLEAR ZONE. AT THE THRESHOLD OF RUNWAY35, THE CLEAR ZONE IS 1500' WIDE AND EXTENDS SOUTH FOR A DISTANCE OF 3,000' REACHING A WIDTH OF 2,282'. ACCIDENT POTENTIALZONES (APZ) I & II EXTEND SOUTH FOR AN ADDITIONAL12,000 WITH A WIDTH OF 3,000'.

DEVELOPMENT IN THE CLEAR ZONE IS PROHIBITED AND IN THE APZs IS SEVERELY RESTRICTED.

21a. Indicate the **aviation support equipment storage** requirements for **FY1994** by completing the following table. Do not repeat storage of equipment in hangars discussed in questions 17 and 18.

Squadron/Det	Open Storage Reqt/Laydown(SF)	Covered Storage Reqt/Laydown(SF)	General Characterization of Equiment/Supplies stored
SOMS	37,000	6,100	AIRCRAFT SUPPORT EQUIPMENT

21b. Indicate the **aviation support equipment storage** requirements for **FY2001** by completing the following table. Do not repeat storage of equipment in hangars discussed in questions 17 and 18.

Squadron/Det	Open Storage Reqt/Laydown(SF)	Covered Storage Reqt/Laydown(SF)	General Characterization of Equiment/Supplies stored

EQUIPMENT STORAGE REQUIREMENTS FOR FY 2001 ARE DEPENDENT ON MCAS' ABILITY TO PURCHASE LAND TO THE SOUTH OF THE AIR STATION ENABLING THE CONSTRUCTION OF ADDITIONAL HANGARS AND FLIGHTLINE SPACE. IF THE LAND PURCHASE DOES NOT TAKE PLACE, THERE IS NO ADDITIONAL REQUIREMENT FOR SUPPORT EQUIPMENT STORAGE.

21c. Utilizing the **general supply storage** category codes listed in the following table, provide the amount of space available, under your plant account, presently classified as adequate, substandard, and inadequate.

CCN	Facility Type	Ave Age	Unit Measure	Adequate	Substandare	Inadequate	Total	Comments
441-xx	General Supply Storage-Covered	25	SF	220,197	39,440		259,637	
451-xx	General Supply Storage - Open	n/a	SY	18,563			18,563	

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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

21d. List **off base storage areas** utilized due to lack of suffiecient storage facilities on station to support aviation support unit equipment/supplies storage needs.

Squadron/Det	Storage: (O)pen or (C)overed	Laydown: SF	Location	Navy (O)wned or (L)eased

NONE				

22. In the following table, indicate the space and condition for each **specific facility** category codes indicated. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

Building Type	NAVFAC (P-80) CCN	Installation space (SF)			
		Adequate	Substandard	Inadequate	Total
Production Facilities	220-xx				
RDT & E Facilities	300-xx				
Supply Facilities	400-xx	**629,460**	**25,521**		**654,981**
Hospital, Medical, Dental	500-xx	**17,290**			**17,290**
Administrative Facilities	600-xx	**98,105**	**39,945**		**138,050**
Utilities/Grounds Improvements	800-xx	**313,543 LF 12,977,615SF**	**16,657,047**		**313,543LF 29,634,662-SF**
	TOTAL	**313,543LF 13,722,470SF**	**16,722,513**		**313,543-LF 30,444,983-SF**

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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your Baserep.

23a. Provide the following information on **base infrastructure capacity** and load.

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	**1.314X10(8)**		**8000**	**13000 ***
Natural Gas (CFH)	**@25 PSIG 33,334**		**@25 PSIG 12000**	**@25 PSIG** 17,773**
Sewage (GPD)	**1.5 MILLION**	**1.5 MILLION**	**750,000**	**900,000**
Potable Water (GPD)	**8 MILLION**		**2 MILLION**	**3.5 MILLION**
Steam (PSI & lbm/Hr)	**N/A**	**N/A**	**NA/**	**N/A**
Long Term Parking				
Short Term Parking				

*** CAPACITY OF ELECTRICAL UTILITY CAN BE INCREASED UP TO 21,000KW**
**** NATURAL GAS PEAK DEMAND ESTABLISHED ON DEC 31, 1990**

23b. Does the current base infrastructure (i.e., utilities, parking), combined with any upgrades/expansions budgeted through FY1997, or BRACON scheduled through FY1999 provide additional capacity? Explain what additional capacity would be

gained.

ELECTRICALDISTRIBUTION PROJECTS (YU405M, YU548M, YU9635M) WILL INCREASE STATION'S CAPACITY TO DELIVER MORE ELECTRICALPOWER WITH LESS VOLTAGELOSS AND MORE RELIABILITY.

23c. How will future requirements (both environmental and base loading) on existing facilities (i.e. sewage treatment, water treatment, etc) impact the base infrastructure capacity in FYs 1995 through FY2001? Explain, including an estimate of the adjusted future capacity.

NO, AS LONG AS WE STAY STATUS QUO

24. Provide the **maintenance, repair, and equipment expenditure data**. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

MRP: Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

CPV: Current Plant Value of Class 2 Real Property is the hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood fram barracks.

ACE: Aquisition Cost of Equipment is the total acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

UIC M62974

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	5.3	293.2	50.9
FY1986	6.0	301.5	51.3
FY1987	7.5	319.5	30.4
FY1988	8.5	335.5	31.9
FY1989	6.7	261.3	39
FY1990	6.0	396.3	42.5
FY1991	9.9	401.8	42.3
FY1992	9.0	419.0	124.3
FY1993	7.4	435.7	120.2
FY1994	6.6 17.3	453.1 386.1	125.0
FY1995	13.5	471.3	138.0
FY1996	8.7	490.1	143.5
FY1997	9.1	509.7	149.3

25a. Provide data on the BOQs and BEQs assigned to your current plant account. 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	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ T, #622, 721-11	144	48					144	15,768
BEQ T, #630 721-11	94	48					94	15,768
BEQ T, #641 721-11	144	48					144	15,768
BEQ T, #645 721-11	210	54			210	26,495		
BEQ T, #912 721-11 721-12	229	74					219 10	Total: 24,918

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ T, #918 721-11	140	74					140	25,781
BEQ P, #660 721-11	288	96			288	45,603		
BEQ P, #661 721-13	90	90			90	42,637		
BEQ P, #662 721-11 721-12	200	74			128 72	Total: 24,818		
BEQ P, #720 721-11 721-12	415	220	390 25	Total: 102,260				
BEQ P, #724 721-11 721-12	249	132	234 15	66,199				
BEQ, #740 721-13 721-11	274				146 128	Total: 24,918		
BEQ P, #913 721-11	270	90			270	42,637		
BEQ P, #914 721-11 721-12	138	74			128 10	Total: 24,918		
BEQ P, #916 721-11 721-12	100	50					10 90	Total: 16,612
BEQ P, #919 721-11	180	60					180	25,980
BEQ P, #920 721-11	140	70					140	25,781
BEQ P, #930 721-11	162	54			162	26,495		
BOQ P, #1056 724-11 724-12	146	28	14		132	Total: 30,333		
BOQ T, #1020 721-13 724-11	53						1 52	Total: 11,492

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ T, #1040 721-13	106						106	22,984
BOQ T, #1058 724-12	31				31	19,940		
BOQ T, #1060 724-11	50						50	22,984

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

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

FACILITY: BEQ #622

a. FACILITY TYPE/CODE: **721-11 SEMI-PERMANENT**
b. WHAT MAKES IT INADEQUATE?
   A47 - PHYSICAL CONDITION -- DETERIORATING WOOD
   B58 - SPACE CRITERIA - FIRE CODE VIOLATIONS
   F47 - DETERIORATION
   B26 - SPACE CRITERIA, CONFIGURATION
c. WHAT USE IS BEING MADE OF THE FACILITY? **TRANSIENT BARRACKS**
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
   NOT COST EFFECTIVE -- SCHEDULED FOR DEMOLITON IN MILCON P-410
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
   FIRE TRAINING; COST = $0
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: **NONE**
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BEQ #630

a. FACILITY TYPE/CODE: **721-11 SEMI-PERMANENT**
b. WHAT MAKES IT INADEQUATE?
   A47 - PHYSICAL CONDITION - DETERIORATING WOOD
   B58 - SPACE CRITERIA - FIRE CODE VIOLATIONS
   F47 - DETERIORATION
   B26 - SPACE CRITERIA, CONFIGURATION
c. WHAT USE IS BEING MADE OF THE FACILITY? **TRANSIENT BARRACKS**
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
   NOT COST EFFECTIVE - SCHEDULED FOR DEMOLITION IN MILCON P-410
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

FIRE TRAINING; COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: **NONE.**

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BEQ #641

a. FACILITY TYPE/CODE: **721-11 SEMI-PERMANENT**

b. WHAT MAKES IT INADEQUATE?

A47 - PHYSICAL CONDITION - DETERIORATING WOOD
B58 - SPACE CRITERIA - FIRE CODE VIOLATION
F47 - DETERIORATION
B26 - SPACE CRITERIA, CONFIGURATION

c. WHAT USE IS BEING MADE OF THE FACILITY? **TRANSIENT BARRACKS**

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

NOT COST EFFECTIVE - SCHEDULED FOR DEMOLITION IN MILCON P-410.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

FIRE TRAINING; COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: **NONE.**

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BEQ #912

a. FACILITY TYPE/CODE: **721-11, 721-12**

b. WHAT MAKES IT INADEQUATE?

B26 - INTERIOR SPACE CONFIGURATION
B58 - FIRE CODE VIOLATIONS

c. WHAT USE IS BEING MADE OF THE FACILITY?

BILLETING FOR ENLISTED PERSONNEL

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

$159,833

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

OFFICES, STORAGE, TRAINING CLASS ROOMS -- COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

$103,000 MAJOR REPAIRS PLUS $56,833 FROM YU9565M

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BEQ #918

a. FACILITY TYPE/CODE: **921-11**

b. WHAT MAKES IT INADEQUATE?

B26 - INTERIOR SPACE CONFIGURATION
B58 - FIRE CODE VIOLATIONS

c. WHAT USE IS BEING MADE OF THE FACILITY?

BILLETING FOR ENLISTED PERSONNEL

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

$855,833

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

OFFICES, STORAGE, TRAINING CLASSROOMS -- COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

$103,000 MAJOR REPAIRS
$696,000 YU9639M
$ 56,833 YU9565M

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BEQ #916

a. FACILITY TYPE/CODE: **721-11, 721-12**

b. WHAT MAKES IT INADEQUATE?

B26 - INTERIOR SPACE CONFIGURATION
B58 - FIRE CODE VIOLATIONS

c. WHAT USE IS BEING MADE OF THE FACILITY?
BILLETING FOR ENLISTED PERSONNEL

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$159,833

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICES, STORAGE, TRAINING CLASSROOMS -- COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$103,000 MAJOR REPAIRS
$ 56,833 YU9565M

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO**

FACILITY: BEQ #919

a. FACILITY TYPE/CODE: **721-11**

b. WHAT MAKES IT INADEQUATE?
B26 - INTERIOR SPACE CONFIGURATION
B58 - FIRE CODE VIOLATIONS
A30 - STRUCTURAL DAMAGE

c. WHAT USE IS BEING MADE OF THE FACILITY?
BILLETING FOR ENLISTED PERSONNEL

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$813,000

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICES, STORAGE, TRAINING CLASSROOMS - COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$663,000 YU415M
$ 50,000 ESTIMATED TO CORRECT HVAC RETURN AIR SYSTEM
$100,000 REPAIR OF STRUCTURAL DAMAGE

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILILTY: BEQ #920

a. FACILITY TYPE/CODE: **721-11**

b. WHAT MAKES IT INADEQUATE?
B26 INTERIOR SPACE CONFIGURATION
B58 FIRE CODE VIOLATIONS

c. WHAT USE IS BEING MADE OF THE FACILITY?
BILLETING FOR ENLISTED PERSONNEL

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$725,000

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICE, STORAGE, TRAINING CLASSROOMS - COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$324,000 YU454M
$ 46,430 YU9558M
$103,000 MAJOR REPAIRS

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BOQ/HOSTESS HOUSE #1020

a. FACILITY TYPE/CODE: **BOQ 724-11/HOSTESS HOUSE 740-20**

b. WHAT MAKES IT INADEQUATE?
B26 INTERIOR SPACE CONFIGURATION
B58 FIRE CODE VIOLATIONS
A30 DETERIORATION

c. WHAT USE IS BEING MADE OF THE FACILITY?

BILLETING FOR OFFICERS (1ST FLOOR)
HOSTESS HOUSE (2ND FLOOR)

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$664,000

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICE SPACE, STORAGE, TRAINING

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$272,000 YU9604M
$163,000 YU9623M
$229,000 YU9554M

ADDITIONALLY, FY96 MILCON P-032 WILL CONSTRUCT A NEW HOSTESS HOUSE AT $3,071,000.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BOQ #1040

a. FACILITY TYPE/CODE: **724-11**

b. WHAT MAKES IT INADEQUATE?
B26 INTERIOR SPACE CONFIGURATION
B58 FIRE CODE VIOLATION
A30 DETERIORATION

c. WHAT USE IS BEING MADE OF THE FACILITY?
BILLETING FOR OFFICERS

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$664,000

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICE SPACE, STORAGE, TRAINING CLASSROOMS - COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$272,000 YU9604M
$163,000 YU9623M
$229,000 YU9554M

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

FACILITY: BOQ #1060

a. FACILITY TYPE/CODE: **724-11**

b. WHAT MAKES IT INADEQUATE?
B26 INTERIOR SPACE CONFIGURATION
B58 FIRE CODE VIOLATIONS
A30 DETERIORATION

c. WHAT USE IS BEING MADE OF THE FACILITY?
BILLETING FOR OFFICERS

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
$664,000

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
OFFICE SPACE, STORAGE, TRAINING CLASSROOMS - COST = $0

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
$272,000 YU9604M
$163,000 YU9623M
$229,000 YU9554M

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? **NO.**

25b. Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. 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.

28b. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

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

* NOTE: NO MESSING FACILITIES ARE PROJECTED.

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:

N/A

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28c. What additional messing requirements, if any, in FY2001 have been identified as a result of BRAC I, II, and III and non-BRAC realignments, which are not included in the table above.

NONE

29a. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
721-11*	300	150	300	27,000				
721-12*	100	100	100	18,000				
721-13*	50	100	50	18,000				

*** IN FY 96, MCON P-410 WILL CONSTRUCT BACHELOR ENLISTED QUARTERS TO REPLACE INADEQUATE QUARTERS. SEE QUESTION 21a FOR BEQ #622, 630, 641.**

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:

N/A

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

25c. What **additional BOQ/BEQ requirements**, if any, in FY 2001 have been identified as a result of BRAC I, II, & III and non-BRAC realignments, which are not reflected in the table above.

IN FY 2000, P-440 WILL ADD BACHELOR ENLISTED QUARTERS FOR APPROXIMATELY500 PERSONNEL. MCON IS FOR THE PURPOSE OF UPGRADING EXISTING INADEQUATE QUARTERS. NO BRAC IMPACT IS RELEVANT.

26a. For military married **family housing** assigned to your plant account provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	18	18	0	0
Officer	3	58	58	0	0
Officer	1 or 2	8	8	0	0
Enlisted	4+	84	84	0	0
Enlisted	3	331	331	0	0
Enlisted	1 or 2	322	322	0	0

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Mobile Homes		0	0	0	0
Mobile Home lots		0	0	0	0

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:

N/A

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

26b. What **additional family housing requirements**, if any, in FY 2001 have been identified as a result of BRAC I, II, III and non-BRAC realignments?

NONE

27. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, within the commuting area, indicate the plant account holder UIC for their quarters.

W61HZF

28a. Provide data on the messing facilities assigned to your current plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
DINING, 722-10, #710	29,170	414	29,170					825
DINING, 722-10, #3224	1,560	92	1,560					130

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:

N/A

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28b. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

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

*** NOTE: NO MESSING FACILITIES ARE PROJECTED.**

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:

N/A

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28c. What additional messing requirements, if any, in FY2001 have been identified as a result of BRAC I, II, and III and non-BRAC realignments, which are not included in the table above.

NONE

29a. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Real Estate Resources

Site Location: **MAIN STATION**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	31	24		7
Operational	2,164	600	1,474-ESQD	90

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Training	49	7	2-ESQD	40
R & D	0	0	0	0
Supply & Storage	52	42	0	10
Admin	37	22	0	15
Housing	144	144	0	0
Recreational	64	39	0	25
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	111	0	55-ESQD	56
Hunting/Fishing Programs	0	0	0	0
Other ORDNANCE LAND	 256 180	 133 0	 123-ESQD 180-CLEAR ZONE	 0 0
Total:	3,088	1,011	1,834	243

Site Location: HOUSING OFF-BASE (16TH STREET)

Land Use	**Total Acres**	**Developed Acreage**	**Available for Development**	
			Restricted	**Unrestricted**
Housing	**23**	**23**	**0**	**0**
Total	**23**	**23**	**0**	**0**

Site Location: AUX 2 AIRFIELD

Land Use	**Total Acres**	**Developed Acres**	**Available for Development**

			Restricted	Unrestricted
Operational	103	103	0	0
Total	103	103	0	0

29b. Identify the features of this air station that make it a strong candidate for basing/training other types of aircraft/aircrews and other operational units in the future.

1. THE STATION'S FULLY INSTRUMENTED 36 PLANE TACTS RANGE IS EIGHTEEN MILES AWAY. THIS PROMOTES A MORE EFFICIENT UTILIZATION OF TRAINING TIME AND RANGE USAGE. THE CLOSENESS ALSO AFFECTS THE AMOUNT OF JET FUEL USED AND FLIGHT TIME ON THE AIRCRAFT.

2. THE CHOCOLATE MOUNTAIN BOMBING RANGE PROVIDES "LIVE" ORDNANCE BOMB TRAINING WITHIN 45 NM OF THE AIR STATION.

3. THE AREA SURROUNDING MCAS YUMA IS RURAL WITH THE POPULATION LOCATED PRIMARILY IN OR ADJACENT TO THE CITY OF YUMA. NIGHT FLYING IS ENHANCED BY THIS ENVIRONMENT, DUE TO THE LACK OF LIGHTING THAT WOULD IMPACT ON NVG USE. MANY UNITS ALREADY COME TO YUMA BECAUSE OF THIS ADDITIONAL BENEFIT TO THE WEATHER AND RANGES.

4. HANGAR 220 IS LARGE ENOUGH THAT IT COULD ACCOMODATE JUST ABOUT ANY JET AIRCRAFT. WITH SMALL MODIFICATIONS TO ACCOMMODATE THE TAIL SECTION, THIS HANGAR COULD PROVIDE MAINTENANCE TO C-130 AIRCRAFT. FUTURE HANGARS ARE ALL IDENTICAL TO THIS HANGAR, SO AS THEY ARE BEING CONSTRUCTED, MODIFICATIONS COULD BE MADE TO ACCOMMODATE MANY MORE TYPES OF AIRCRAFT.

5. THE LENGTH AND WIDTH OF THE STATIONS RUNWAYS WILL ACCOMMODATE TAKE OFF/LANDING OF ANY TYPE AIRCRAFT.

6. THE STATION HAS EXPERIENCED LITTLE OR NO ENCROACHMENT ON THE NORTH, EAST, AND SOUTH SIDES.

7. THE BOMBING RANGES ARE FREE FROM ANY CIVILIAN ENCROACHMENT.

8. THE AUXILIARY LANDING FIELD, LOCATED ON THE RANGE, IS SAFE FROM ANY ENCROACHMENT.

9. BEING SITUATED IN THE DESERT, THIS STATION ENJOYS YEAR-ROUND EXCELLENT FLYING WEATHER.

10. THE DRY CLIMATE REDUCES THE CORROSION PROBLEMS THAT PLAGUE AIRCRAFT ON THE COASTS.

11. MILCON P-467, PROGRAMMED FOR 1998, WILL PROVIDE 102,500 SY OF CONCRETE APRON FOR ADDITIONAL AIRCRAFT PARKING SPACE. ANY SIZE OR SHAPE AIRCRAFT COULD PARK HERE WITH NO DISRUPTION TO ANY OTHER AIRCRAFT SQUADRONS.

12. THE PROXIMITY OF THE U.S. ARMY, YUMA PROVING GROUNDS, TWENTY ONE MILES FROM THE STATION, IS BENEFICIAL FOR AIR OPERATIONS USING THEIR AIRSPACE. POSSIBLE FUTURE BENEFITS INCLUDE: A COMBINATION OF AIRCRAFT WITH GROUND TROOPS IN JOINT TRAINING EXERCISES, UTILIZATION OF THEIR WEAPONS RANGES IF FUTURE DEVELOPMENT PROMOTES ADVANCEMENTS IN AIRCRAFT WEAPONRY (I.E. LASER WEAPONS), AND USAGE OF EMPTY FACILITIES WHEN THE STATION HAS REACHED ITS CAPACITY IN CERTAIN AREAS (I.E. BEQ'S DURING WTI) . PERMANENTLY ASSIGNED MARINE PERSONNEL ARE ALREADY RESIDING IN YPG FAMILY HOUSING UNITS.

13. THE STATION'S SHORT FLYING DISTANCE TO NAF EL CENTRO, 70 MILES FROM THE STATION, MAY ALSO PROVE BENEFICIAL IN THE FUTURE. POSSIBLE FUTURE BENEFITS COULD INCLUDE: UTILIZATION OF THEIR RUNWAYS AS AN EMERGENCY ALTERNATIVE, STAGING OF AIRCRAFT AND PERSONNEL DURING LARGE TRAINING EXERCISES, AND UTILIZATION OF THEIR RANGES FOR OBSERVATION OF AIRCRAFT MATERIAL DROPS.

14. THE COMMUNITY STRONGLY SUPPORTS THE AIR STATION.

15. MILCON PROJECT, P-481 LAND ACQUISITION WILL RELOCATE THE ORDNANCE AND ORDNANCE LOADING OPERATIONS SOUTHWEST OF COUNTY 13TH STREET. THIS WILL ALLOW FOR DEVELOPMENT OF THE EXISTING FLIGHTLINE TO THE SOUTH. WITH EFFICIENT DESIGN ALONG WITH THE SPACING REQUIRED FOR DIFFERENT AIRCRAFT, THIS AREA MAY ACCOMMODATE UP TO TEN SQUADRONS. THE LAND PURCHASED AND THE LAND FREED UP BY THE ORDNANCE RELOCATION WILL BE SUFFICIENT TO DEVELOP ADEQUATE SUPPORT FACILITIES, ETC. FOR THESE SQUADRONS.

16. THE ORDNANCE AREA WILL BE ADEQUATE TO MEET ANY MISSION REQUIREMENTS. IT WILL ALSO BE ABLE TO ADD MORE MAGAZINES AS THE NEED ARISES AND HANDLE ANY FUTURE REQUIREMENTS. THIS COULD BE DONE WHILE MAINTAINING THE ESQD ARCS ON THE STATION LAND. ENCROACHMENT OF THE AIR STATION IN THE FUTURE WOULD HAVE NO EFFECT ON ANY INCREASED ORDNANCE STORAGE REQUIREMENTS.

ORDNANCE COMMODITY TYPES

17. THE OUTLYING AUXILIARY LANDING FIELD COULD BE MODIFIED/RE-CONFIGURED TO ACCOMMODATE A LARGE VARIETY OF AIRCRAFT OPERATIONAL TRAINING.

Mines	Expendables
Torpedoes	INERT
Air Launched Threat	CADS/PADS
Surface Launched Threat	Strategic Nuclear
Other Threat	Tactical Nuclear

18. THE RUN-UP PADS WERE INSTALLED WITH THE "UNIVERSAL" TIE DOWNS WHICH WERE DESIGNED TO HANDLE ANY TYPE OF JET AIRCRAFT.

19. THERE IS AMPLE AREA CLOSE BY (WITHIN 10 MILES) FOR CONSTRUCTION OF ADDITIONAL FAMILY HOUSING UNITS.

20. ENVIRONMENTAL PERMITS AND COMPLIANCES ARE REQUIRED LESS THAN IN HIGHLY URBANIZED AREAS.

21. THERE ARE WATER/RECREATIONAL AREAS AVAILABLE NEAR THE COLORADO RIVER AND THE MANY ADJOINING LAKES.

30. WEAPONS AND MUNITIONS: Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

30a. Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordnance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
93	RSL	240	RSL	240	RSL	240
104	RSL	35	RSL	35	RSL	35
105	RSL	35	RSL	35	RSL	35
108	RSL	240	RSL	240	RSL	240
126F	RSL	240	RSL	240	RSL	240
126B	RSL	35	RSL	35	RSL	35
135	RSL	35	RSL	35	RSL	35
143	RSL	16	RSL	16	RSL	16
210	RSL	35	RSL	35	RSL	35
1712	12	290	14	310	* SEE NOTE BELOW	744
1713	28	310	31	340		744
1714	23	300	26	330		744
1715	16	250	18	275		744
1716	70	520	77	570		744
1717	19	250	21	275		744
1718	48	610	53	690		744
1719	15	190	17	220		744
1720	17	200	19	220		744
1721	22	250	25	275		744
1722	21	260	24	300		744
1723	56	590	62	650		744

2100	48	880	53	1050		1176
2101	124	1040	137	1100		1176
2102	34	502	38	900		1475
2103	74	1090	82	900		1475
2104	85	1254	94	1300		1475
2105	30	445	34	900		1475
2106	24	360	27	900		1475
2107	8	1330	10	1400		1475
2108		126		126		126
2111	12	2400	15	2500		2700
2113	5	700	10	1000		2700
2114A	12	440	14	500		540
2114B	13	520	15	510		540
2114C	7	510	8	500		540
2115	2	250	3	250		264
2116	15	310	9	200		320
2117	3	110	4	110		117
2118	6	110	7	110		117
2119	2	110	2	110		117
2120	2	110	2	110		117
TOTAL	853	17528	951	19842	*	29239

* NOTE : PHYSICAL CAPACITY OR MAXIMUM NEW.

30b. For each Stowage facility identified in question 1.1 above, identify the type of facility (specify if "igloo","box",etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

- Identify the reason(s) for which this ordnance is stored at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/ Stowage/Issue (RSSI); transhipment/awaiting issue; deep stow (war reserve); deep stow (awaiting Demil); other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Total Facility Ordnance Stowage Summary

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
93/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
104/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
105/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
108/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
126B/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
126F/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
135/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
143/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
210/RSL	EXPENDABLES	OP STOCK	EXPENDABLES
1712/ARCH	PYRO	RSSI, WR	ROCKETS, GUN AMMO, SM ARMS
1713/ARCH	PYRO, SM ARMS	RSSI, WR	ROCKETS, GUN AMMO
1714/ARCH	PYRO	RSSI	ROCKETS, GUN AMMO, SM ARMS
1715/ARCH	GUN AMMO	RSSI	ROCKETS, SM ARMS, PYRO
1716/ARCH	GUN AMMO	RSSI, WR	ROCKETS, SM ARMS, PYRO
1717/ARCH	PYRO	RSSI, WR	ROCKETS, GUN AMMO, SM ARMS
1718/ARCH	ROCKETS	RSSI	PYRO, GUN AMMO, SM ARMS
1719/ARCH	GUN AMMO	RSSI, WR	ROCKETS, SM ARMS, PYRO
1720/ARCH	GUN AMMO, RKTS	RSSI, WR	SM ARMS, PYRO
1721/ARCH	PYRO	RSSI	ROCKETS, SM ARMS, GUN AMMO
1722/ARCH	ROCKETS	RSSI, WR	GUN AMMO, PYRO, SM ARMS

1723/ARCH	ROCKETS	RSSI, WR	GUN AMMO, PYRO, SM ARMS
2100/ARCH	BOMBS	RSSI	ROCKETS, DEMO, PYRO, AMMO
2101/ARCH	BOMBS	RSSI, WR	ROCKETS, DEMO, PYRO, AMMO
2102/ARCH	SM ARMS	RSSI	ROCKETS, DEMO, PYRO, AMMO
2103/ARCH	BOMBS	RSSI	ROCKETS, DEMO, PYRO, AMMO
2104/ARCH	RKT WARHEADS	RSSI, WR	ROCKETS, DEMO, PYRO, AMMO
2105/ARCH	DEMO	RSSI	ROCKETS, BOMBS, PYRO
2106/ARCH	FUZES	RSSI	BOMBS, ROCKETS, DEMO
2107/ARCH	AIR LAUNCHED	RSSI, WR	BOMBS, ROCKETS, DEMO
2108/BOX	DEMO	OP STOCK	CADS, EXPENDABLES
2111/QUONSET BLDG	INERT	RSSI, WR	INERT ONLY
2113/QUONSET BLDG	INERT	RSSI	INERT ONLY
2114A/BOX	SM ARMS	RSSI, WR	CADS, EXPENDABLES, PYRO
2114B/BOX	SM ARMS	RSSI, WR	CADS, EXPENDABLES, PYRO
2114C/BOX	CADS	RSSI, WR	EXPENDABLES, PYRO, SM ARM
2115/ARCH	SM ARMS	RSSI, WR	GUN AMMO, AIR LAUNCHED
2116/BLDG	INERT	RSSI	INERT ONLY
2117/ARCH	PYRO	RSSI	CADS, EXPENDABLES, SM ARM

2118/ARCH	SM ARMS	RSSI	PYRO, CADS, EXPENDABLES
2119/ARCH	SM ARMS, PYRO	RSSI	CADS, EXPENDABLES
2120/ARCH	SM ARMS	RSSI	CADS, EXPENDABLES, PYRO

Additional comments:

30c. Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
93/RSL	1.3	5K	YES	NO	NA
104/RSL	1.3	5K	YES	NO	NA
105/RSL	1.3	5K	YES	NO	NA
108/RSL	1.3	5K	YES	NO	NA
126B/RSL	1/3	5K	YES	NO	NA
126F/RSL	1.3	5K	YES	NO	NA
135/RSL	1.3	5K	YES	NO	NA
143/RSL	1.3	5K	YES	NO	NA
210/RSL	1.3	5K	YES	NO	NA
1712/ARCH	1.3	100K	YES	NO	NA
1713/ARCH	1.3	210K	YES	NO	NA
1714/ARCH	1.3	100K	YES	NO	NA
1715/ARCH	1.3	220K	YES	NO	NA
1716/ARCH	1.4	110K	YES	NO	NA
1717/ARCH	1.2(04)	PC	YES	NO	NA
1718/ARCH	1.3	120K	YES	NO	NA
1719/ARCH	1.2(04)	PC	YES	NO	NA

1720/ARCH	1.3	130K	YES	NO	NA
1721/ARCH	1.2(04)	PC	YES	NO	NA
1722/ARCH	1.3	140K	YES	NO	NA
1723/ARCH	1.3	260K	YES	NO	NA
2100/ARCH	1.1	150K	YES	YES	950331
2101/ARCH	1.1	150K	YES	YES	950331
2102/ARCH	1.1	70K	YES	YES	950331
2103/ARCH	1.1	70K	YES	YES	950331
2104/ARCH	1.1	45K	YES	NO	NA
2105/ARCH	1.1	30K	YES	NO	NA
2106/ARCH	1.1	30K	YES	NO	NA
2107/ARCH	1.1	30K	YES	NO	NA
2108/BOX	1.1	1K	YES	NO	NA
2111/QUONSET BLDG	INERT	NA	NA	NA	NA
2113/QUONSET BLDG	INERT	NA	NA	NA	NA
2114A/BOX	1.3	5K	YES	NO	NA
2114B/BOX	1.3	5K	YES	NO	NA
2114C/BOX	1.3	5K	YES	NO	NA
2115/ARCH	1.1	.25K	YES	NO	NA
2116/BLDG	INERT	NA	NA	NA	NA
2117/ARCH	1.3	5K	YES	NO	NA
2118/ARCH	1.4	5K	YES	NO	NA
2119/ARCH	1.3	5K	YES	NO	NA
2120/ARCH	1.4	5K	YES	NO	NA

30d. Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

DUE TO PROXIMITY OF ORDNANCE AREA TO SOUTHERN BOUNDARY OF MCAS, ALL FACILITIES CANNOT BE LOADED TO FULL NEW CAPABILITY.

30e. Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

Related Ordnance Support

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	NO		
Testing	NO		
Manufacturing	NO		
Outload	YES*	ALL	200
Technical Support	NO		

*THIS MEANS LOADING COMMERCIAL TRUCKS FOR REMOVAL OF ORDNANCE FROM STATION.

BRAC-95 CERTIFICATION

DATA CALL 16

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

ACTIVITY COMMANDER

W. H. HANSEN, Colonel, U.S. Marine Corps
NAME (Please type of print)

Signature

Commanding Officer
Title

31 May '94
Date

Marine Corps Air Station Yuma
Activity

Data Call-16

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) | Signature

Title | Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) | Signature

Title | Date

Activity

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

MAJOR CLAIMANT LEVEL

MajGen P. D. WILLIAMS
NAME (Please type or print)

Signature

Commander
Title

4 Jan 94
Date

Marine Corps Air Bases, Western Area
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

P. E. ZANFAGNA, Jr.
NAME (Please type or print)

Signature

Acting Deputy Chief of Staff (Installations and Logistics)
Title

8 July 94
Date

10

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	13TH DENCO YUMA
UIC:	47114
Host Activity Name (if response is for a tenant activity):	COMMANDING OFFICER MARINE CORPS AIR STATION YUMA, AZ 85369
Host Activity UIC:	62974

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. **Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 01, as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

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INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)

Activity Name: 13TH DENCB YUMA UIC: 47114

Category	FY 1996 BOS Costs ($000) Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	N/A		
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify) TELEPHONE	.1		.1
2k. Sub-total 2a. through 2j:	.1		.1
3. Grand Total (sum of 1c. and 2k.):	.1		.1

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INSTALLATION RESOURCES

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)

n/A

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

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INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: UIC:

Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:	N/A		
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.)			

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data

Activity Name: UIC:

Cost Category	FY 1996 Projected Costs ($000)
Travel:	—
Material and Supplies (including equipment):	38.0
Industrial Fund Purchases (other DBOF purchases):	—
Transportation:	—
Other Purchases (Contract support, etc.):	7.0
Total:	45.0

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears

Activity Name: UIC:

Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

N/A

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

DATA CALL 66
INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

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):

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):**

N/A VR Burner 824 8/4/94

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

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

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

R. C. HOUSE	RCHouse
NAME (Please type or print)	Signature
COMMANDING OFFICER	12 July 94
Title	Date
NAVAL DENTAL CENTER CAMP PENDLETON	
Activity	

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

NEXT ECHELON LEVEL (if applicable)

R. R. SKOG

NAME (Please type or print)

Signature

Officer in Charge, Acting

14 July 1994

Title

Date

Naval Healthcare Support
Office, San Diego

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

HAROLD M. KOENIG, RADM,MC,USN
NAME (Please type or print)

x Signature

AUG 4 1994

ACTING CHIEF BUMED
Title

Date

BUREAU OF MEDICINE AND SURGERY
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Signature

Title

8/30/94
Date

10

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Installation Name:	MCAS YUMA
Unit Identification Code (UIC):	M62974
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	P-410	BACH ENL QTRS	MCON	14,859
	Sub Total	1998		14,859
1999	P-442	AIRCRAFT MAINTENANCE HANGAR	MCON	13,160
	Sub Total	1999		13,160
2000	P-482	COMBAT A/C LOADING APRON	MCON	9,420
2000	P-481	LANDING ACQUISITION	MCON	11,336
2000	P-483	STATION ORDNANCE AREA	MCON	7,210
	Sub Total	2000		27,966
2001	P-364	PHYSICAL TRAINING CENTER ADDN	MCON	840
	Sub Total	2001		840
	Grand Total			56,825

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DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 2: **Family Housing Construction Projects.**

Installation Name:	MCAS YUMA, AZ
Unit Identification Code (UIC):	62974
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
97	YUH-9601R2	WHR 60 UNITS	FHSG	5,588
97	YUH-202M2	HSG OFFICE IMPROVEMENT	FHSG	223
		SUB TOTAL-1997		5,811
		GRAND TOTAL		5,811

Data Call 64

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

NAME (Please type or print

Signature

Title

7/28/94

Date

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**YUMA AZ MCAS**
Unit Identification Code (UIC):	**M62974** #10
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	410	BACHELOR ENLISTED QUARTERS	MCON	14,859
		Sub-Total - 1998		**14,859**
1999	442	MAINTENANCE HANGAR	MCON	13,160
		Sub-Total - 1999		**13,160**
2000	481	LAND ACQUISITION	MCON	11,336
2000	482	CMBT ARCRFT LDG APR-PH I	MCON	9,420
2000	483	STA ORDNANCE AREA (PH I)	MCON	7,210
		Sub-Total - 2000		**27,966**
2001	364	PHYSICAL FITNESS CTR ADDN	MCON	840
		Sub-Total - 2001		**840**
		Grand Total		**56,825**

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

2/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,

2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,

3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than $15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

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DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 2: Family Housing Construction Projects

Installation Name:	**YUMA AZ MCAS**
Unit Identification Code (UIC):	**M62974**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1997	H354	COMMUNITY CENTER	FHSG	747
		Sub-Total - 1997		**747**
		Grand Total		**747**

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

MDThornton
Signature

9 Dec 94
Date

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

12/7/94
Date

10

R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**YUMA AZ MCAS**
Unit Identification Code (UIC):	**M62974**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	410	BACHELOR ENLISTED QUARTERS	MCON	14,859
		Sub-Total - 1998		**14,859**
1999	442	MAINTENANCE HANGAR	MCON	13,160
		Sub-Total - 1999		**13,160**
2000	481	LAND ACQUISITION	MCON	11,336
2000	482	CMBT ARCRFT LDG APR-PH I	MCON	9,420
2000	483	STA ORDNANCE AREA (PH I)	MCON	7,210
		Sub-Total - 2000		**27,966**
2001	364	PHYSICAL FITNESS CTR ADDN	MCON	840
		Sub-Total - 2001		**840**
		Grand Total		**56,825**

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

MDThornton
Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

12/11/94
Date

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Activity Identification: Please complete the following table, identifying the activity for which this response is being submitted.

Activity Name:	**MARINE CORPS AIR STATION, YUMA, ARIZONA**
UIC:	**M62974**
Major Claimant:	**MARINE CORPS AIR BASES, WESTERN AREA M02200**

General Instructions/Background:

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates. Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained

by the certifying official to clearly document the source of any non-DoD information submitted for this data call.
General Instructions/Background (Continued):

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

Note 1: Throughout this data call, the term **"activity"** is used to refer to the DON installation that is the addressee for the data call.

Note 2: Periodically throughout this data call, questions will include the statement that the response should refer to the **"area defined in response to question 1.b., (page 3)"**. Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, **the scope of the "area defined" may be limited to the sum of:**

- **those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,**
- **those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.**

Note 3: Responses to questions referring to **"civilians"** in this data call should reflect **federal civil service appropriated fund employees.**

1. Workforce Data

a. Average Federal Civilian Salary Rate. Provide the projected FY 1996 average gross annual appropriated fund civil service salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	**$33,603.00**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.a. Salary Rate): CPRRS REPORT (MAY 94) AVERAGE SALARY ADJUSTED FOR PROJECTED PAY RAISE AND LOCALITY PAY FY 95 (2.6%), FY 96 (2.0%)

b. Location of Residence. Complete the following table to identify where employees live. Data should reflect current workforce.

1) Residency Table. Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
YUMA	AZ	4270	411	99.83	12	18
IMPERIAL	CA	2	4	0.13	10	25
SAN LUIS, RC SONORA, MEXICO	–	2	0	0.04	25	45

= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

located:

YUMA, AZ

Source of Data (1.b. 1) & 2) Residence Data): BRAC DATA CALL 38/MANAGEMENT ASSISTANCE OFFICE, MCAS YUMA, ARIZONA

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. Nearest Metropolitan Area(s). Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
PHOENIX	MARICOPA, AZ	180
SAN DIEGO	SAN DIEGO, CA	180
Source of Data (1.c. Metro Areas): RAND MCNALLY ROAD MAP		

d. Age of Civilian Workforce. Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	1	0.2
20 - 24 Years	3	0.7
25 - 34 Years	50	12.1
35 - 44 Years	155	37.4
45 - 54 Years	137	33
55 - 64 Years	66	15.9
65 or Older	3	0.7
TOTAL	415	100 %

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.d.) Age Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

e. Education Level of Civilian Workforce

1) Education Level Table. Complete the following table, identifying the education level of the activity's civil service workforce.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	2	0.5
9th through 11th Grade	5	1.2
12th Grade or High School Equivalency	240	57.8
1-3 Years of College	118	28.4
4 Years of College (Bachelors Degree)	33	8
5 or More Years of College (Graduate Work)	17	4.1
TOTAL	415	100 %

2) Degrees Achieved. Complete the following table for the activity's civil service workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	4
Associate Degree	27
Bachelor Degree	34

Masters Degree	14
Doctorate	1

Source of Data (1.e.1) and 2) Education Level Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Industry	SIC Codes	No. of Civilians	% of Civilians
1. **Agriculture, Forestry & Fishing**	01-09	0	0
2. **Construction** (includes facility maintenance and repair)	15-17	93	22.4
3. **Manufacturing** (includes Intermediate and Depot level maintenance)	20-39		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	13	3.1
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	18	4.3
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	13	3.1

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4g. Utilities	49	3	0.8
Sub-Total 4a. through 4g.	40-49	47	11.3
5. Services	70-89		
5a. Lodging Services	70	1	0.2
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	4	1
5d. Automotive Repair and Services	75	11	2.6
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	3	0.8
5h. Health Services	80	4	1
5i. Legal Services	81	1	0.2
5j. Educational Services	82	0	0
5k. Social Services	83	4	1
5l. Museums	84	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	13	3.1
5n. Other Misc. Services	89	74	17.8
Sub-Total 5a. through 5n.:	70-89	115	27.7
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	66	15.9
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	42	10.1
6c. Public Finance	93	31	7.5
6d. Environmental Quality and Housing Programs	95	21	5.1
Sub-Total 6a. through 6d.		160	38.6
TOTAL		415	100 %

Source of Data (1.f.) Classification By Industry Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

g. Civilian Employment by Occupation. Complete the following table to identify the types of "occupations" performed by civil service employees at the activity. Employees should be categorized based on their primary duties. Additional

information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	85	20.5
2. Professional Specialty		
2a. Engineers	12	2.9
2b. Architects and Surveyors	1	0.2
2c. Computer, Mathematical & Operations Research	1	0.2
2d. Life Scientists	4	1
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	1	0.2
2h. Social & Recreation Workers	3	0.8
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	2	0.5
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	1	0.2
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	25	6
3. Technicians and Related Support		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	73	17.6
Sub-Total 3a. and 3b.:	73	17.6
4. Administrative Support & Clerical	102	24.6
5. Services		
5a. Protective Services (includes guards, firefighters, police)	25	6
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	10	2.4
Sub-Total 5a. through 5d.	35	8.4
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	34	8.2
8. Construction Trades	17	4.1
9. Production Occupations	2	0.5
10. Transportation & Material Moving	6	1.4
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	36	8.7

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
TOTAL	415	100 %

Source of Data (1.g.) Classification By Occupation Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate appropriated fund civil service jobs at the activity.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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h. Employment of Military Spouses. *Complete the following table to provide* estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	40
2. Percentage of Military Spouses Who Work Outside of the Home:	43
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	16.9*
3b. Employed "On-Base" - Non-Appropriated Fund:	6.4
3c. Employed "Off-Base" - Federal Employment:	3.8
3d. Employed "Off-Base" - Other Than Federal Employment	72.9

*13% ARE MILITARY PERSONNEL MARRIED TO MILITARY PERSONNEL

Source of Data (1.h.) Spouse Employment Data): SURVEY OF MARRIED MILITARY PERSONNEL BY EACH UNIT ASSIGNED PERMANENTLY TO MCAS YUMA.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2. Infrastructure Data. For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.

B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.

C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

Table 2.a., "Local Communities": This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

Table 2.b., "Economic Region": This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

For both tables, annotate with an asterisk (*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

a. Table A: Ability of the local community to meet the expanded needs of the base.

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	B	B
Schools - Public	A	B	B
Schools - Private	A	B	B
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A (NOTE 1)	N/A (NOTE 1)	N/A (NOTE 1)
Public Transportation - Rail	N/A (NOTE 1)	N/A (NOTE 1)	N/A (NOTE 1)
Fire Protection	A	A	A
Police	A	B	B
Health Care Facilities	A	B	B
Utilities:			
Water Supply *	A	A	A
Water Distribution *	A	A	B
Energy Supply	A	A	A
Energy Distribution *	A	A	B
Wastewater Collection *	A	A	B
Wastewater Treatment	A	A	B

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Category	20% Increase	50% Increase	100% Increase
Storm Water Collection *	A	B	B
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal *	A	B	C
Recreational Activities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

HAZARDOUS/TOXIC WASTE DISPOSAL

A 100% GROWTH COULD BE ACCOMMODATED WITH THE ADDITION OF ONE HAZARDOUS/TOXIC WASTE ACCUMULATION AREA FOR EACH NEW UNIT RELOCATED TO MCAS YUMA. ESTIMATE $10K - $15K PER UNIT. HEAVY MAINTENANCE UNITS COULD REQUIRE MAJOR RESTRUCTURE OF HAZARDOUS WASTE HANDLING FACILITIES. MCAS ENVIRONMENTAL DEPARTMENT COMPLIANCE DIVISION STAFFING WOULD NEED AN ADDITIONAL 4 ENVIRONMENTAL PROTECTION SPECIALISTS (MINIMUM) PLUS SUPPORT STAFF. A TRANSPORTATION PROGRAM WOULD BE REQUIRED TO PICKUP AND HAUL HAZARDOUS WASTE TO A TREATMENT/ DISPOSAL/STORAGE FACILITY SUCH AS LUKE AFB, OR A RE-ACTIVATION OF THE RCRA PART B PERMIT WOULD BE REQUIRED. TO RE-ESTABLISH PART B ESTIMATED COST $200K - $300K.

NOTE 1 - CITY OF YUMA DOES NOT CURRENTLY OPERATE ANY PUBLIC TRANSPORTATION SYSTEM. THE CITY HAS NO LONG RANGE PLANS TO OPERATE ANY SUCH SYSTEM.

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Source of Data (2.a. 1) & 2) - Local Community Table):
CITY OF YUMA PLANNING AND ZONING DIVISION
ADMINISTRATION OFFICE, YUMA REGIONAL MEDICAL CENTER, YUMA , ARIZONA
STATION TRAINING DEPARTMENT, MCAS YUMA, ARIZONA
ENVIRONMENTAL DEPARTMENT, MCAS YUMA, ARIZONA
FACILITIES MANAGEMENT OFFICE, MCAS YUMA, ARIZONA

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	B	B
Schools - Public	A	B	B
Schools - Private	A	B	B
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A (NOTE 1)	N/A (NOTE 1)	N/A (NOTE 1)
Public Transportation - Rail	N/A (NOTE 1)	N/A (NOTE 1)	N/A (NOTE 1)
Fire Protection	N/A (NOTE 2)	N/A (NOTE 2)	N/A (NOTE 2)
Police	A	A	B
Health Care Facilities	A	B	B
Utilities:			
Water Supply *	A	A	A
Water Distribution *	A	A	B
Energy Supply	A	A	A
Energy Distribution *	A	B	B
Wastewater Collection *	A	A	B

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Category	20% Increase	50% Increase	100% Increase
Wastewater Treatment	N/A (NOTE 3)	N/A (NOTE 3)	N/A (NOTE 3)
Storm Water Collection *	A	B	B
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal *	A	B	C
Recreation Facilities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

HAZARDOUS/TOXIC WASTE DISPOSAL

A 100% GROWTH COULD BE ACCOMMODATED WITH THE ADDITION OF ONE HAZARDOUS/TOXIC WASTE ACCUMULATION AREA FOR EACH NEW UNIT RELOCATED TO MCAS YUMA. ESTIMATE $10K - $15K PER UNIT. HEAVY MAINTENANCE UNITS COULD REQUIRE MAJOR RESTRUCTURE OF HAZARDOUS WASTE HANDLING FACILITIES. MCAS ENVIRONMENTAL DEPARTMENT COMPLIANCE DIVISION STAFFING WOULD NEED AN ADDITIONAL 4 ENVIRONMENTAL PROTECTION SPECIALISTS (MINIMUM) PLUS SUPPORT STAFF. A TRANSPORTATION PROGRAM WOULD BE REQUIRED TO PICKUP AND HAUL HAZARDOUS WASTE TO A TREATMENT/DISPOSAL/STORAGE FACILITY SUCH AS LUKE AFB, OR A RE-ACTIVATION OF THE RCRA PART B PERMIT WOULD BE REQUIRED. TO RE-ESTABLISH PART B ESTIMATED COST $200K - $300K.

NOTE 1 - COUNTY OF YUMA DOES NOT CURRENTLY OPERATE ANY PUBLIC TRANSPORTATION SYSTEM. THE COUNTY HAS NO LONG RANGE PLANS TO OPERATE ANY SUCH SYSTEM.

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NOTE 2 - THE COUNTY OF YUMA DOES NOT PROVIDE ANY FIRE FIGHTING DEPARTMENT. THIS SERVICE IS PROVIDED BY CONTRACT WITH EACH INDIVIDUAL HOME OWNER AND THE RURAL METRO CORPORATION.

NOTE 3 - THE COUNTY DOES NOT OPERATE A WASTEWATER TREATMENT FACILITY. INDIVIDUAL OR DEVELOPMENT SEPTIC SYSTEMS ARE USED IN THE COUNTY.

Source of Data (2.b. 1) & 2) - Regional Table): COUNTY OF YUMA BOARD OF SUPERVISORS
ADMINISTRATION OFFICE, YUMA REGIONAL MEDICAL CENTER, YUMA, ARIZONA
STATION TRAINING DEPARTMENT, MCAS YUMA, ARIZONA
ENVIRONMENTAL DEPARTMENT, MCAS YUMA, ARIZONA
FACILITIES MANAGEMENT OFFICE, MCAS YUMA, ARIZONA

3. Public Facilities Data:

a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units: 4%

Units for Sale: 8%

NOTE: DUE TO CYCLIC LOCAL POPULATION INCREASES IN THE WINTER, THESE RATES DO VARY.

Source of Data (3.a. Off-Base Housing): HOUSING OFFICE, MCAS YUMA, ARIZONA

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b. Education.

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
YUMA ELEMENTARY SCHOOL DISTRICT #1	YUMA	12	3		9013	11000	25	30	YES
CRANE SCHOOL DISTRICT #13	YUMA	5	1		5132	4850	28	26	YES
YUMA HIGH SCHOOL DISTRICT	YUMA			3	6607	7000	26	28	YES
SOMERTON SCHOOL DISTRICT #11	YUMA	3	1		2092	2092	25	25	
GADSDEN PUBLIC SCHOOL	YUMA	1	1		2000	2200	35	35	

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

Source of Data (3.b.1) Education Table): STATION TRAINING OFFICE, MCAS YUMA, ARIZONA

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.

NO

Source of Data (3.b.2) On-Base Schools): EDUCATION OFFICE, MCAS YUMA, ARIZONA

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3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

1. WEBSTER UNIVERSITY-GRADUATE-MASTERS
2. NORTHERN ARIZONA UNIVERSITY-UNDERGRADUATE, GRADUATE-CERTIFICATE,BACHELOR,MASTERS,DOCTORATE
3. ARIZONA WESTERN COLLEGE - UNDERGRADUATE-ASSOCIATE
4. SOUTHERN ILLINOIS UNIVERSITY - UNDERGRADUATE-ASSOCIATE, BACHELOR
5. COCHISE COLLEGE - UNDERGRADUATE-CERTIFICATE

Source of Data (3.b.3) Colleges): STATION TRAINING DEPARTMENT, MCAS YUMA, ARIZONA

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

1. ARIZONA COMPUTER INSTITUTE - DATA BASE MANAGEMENT
2. BEEBE'S BEAUTY SCHOOL - COSMETOLOGY
3. STUDIO 5 - MODELING
4. YUMA SCHOOL OF BEAUTY - COSMETOLOGY

Source of Data (3.b.4) Vo-tech Training): STATION TRAINING DEPARTMENT, MCAS YUMA, ARIZONA

c. Transportation.

1) Is the activity served by public transportation?

	Yes	No
Bus:	___	X
Rail:	___	X
Subway:	___	X
Ferry:	___	X

Source of Data (3.c.1) Transportation): MANAGEMENT ASSISTANCE OFFICE, MCAS YUMA, ARIZONA

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

CITY OF YUMA HAS AMTRAK SERVICE. IT IS APPROXIMATELY SIX MILES FROM MCAS TO STATION.

Source of Data (3.c.2) Transportation): MANAGEMENT ASSISTANCE OFFICE, MCAS YUMA, ARIZONA AND CITY MAP

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

MCAS YUMA IS A JOINT USE FACILITY. PUBLIC CARRIERS OPERATE OUT OF THE YUMA INTERNATIONAL AIRPORT SIDE OF THE COMPLEX. IT IS TWO MILES FROM STATION MAIN GATE TO AIRPORT TERMINAL.

Source of Data (3.c.3) Transportation): MANAGEMENT ASSISTANCE OFFICE, MCAS YUMA, ARIZONA AND CITY OF YUMA MAP.

4) How many carriers are available at this airport? THREE (3)
AMERICA WEST EXPRESS
SKY WEST
UNITED EXPRESS

Source of Data (3.c.4) Transportation: YUMA COUNTY AIRPORT AUTHORITY

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

I-8. DISTANCE FROM MAIN GATE TO INTERSTATE IS 2.5 MILES

Source of Data (3.c.5) Transportation: MANAGEMENT ASSISTANCE OFFICE, MCAS YUMA, ARIZONA AND CITY OF YUMA MAP

6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

ALL VEHICULAR AND PEDESTRIAN TRAFFIC CURRENTLY ACCESS THE STATION THROUGH ONE OF TWO SECURED ENTRY LOCATIONS KNOWN AS THE MAIN GATE AND THE NORTH GATE. TRAFFIC THEN DISPERSES THROUGHOUT THE STATION. THE MAIN ARTERY TO THE STATION IS AVENUE 3E. TRAFFIC ON AVENUE 3E IS SEASONAL WITH HIGHER TRAFFIC COUNTS IN THE WINTER MONTHS. THE STATION'S MAIN ACCESS ROAD TO THE COMMUNITY AND INTERSTATE 8 IS AVENUE 3E. THIS IS AN ALL WEATHER PAVED ROAD WITH A SATISFACTORY SURFACE CONDITION WHICH IS 2 LANES SOUTH OF THE MAIN GATE, AND CONNECTS WITH THE YUMA COUNTY ROAD NETWORK. NORTH FROM THE STATION MAIN GATE, FOR A DISTANCE OF ONE MILE, THE ROAD IS 4 LANES AT WHICH POINT IT INTERSECTS YUMA BUSINESS ROUTE 8 WHICH

IS 6 LANES, GOING WEST AND 4 LANES GOING EAST. AVENUE 3E NARROWS TO 2 LANES GOING NORTH OF BUSINESS ROUTE 8 AND REMAINS 2 LANES, FOR 1.2 MILES UNTIL REACHING INTERSTATE 8. AVENUE 3E PASSES UNDER INTERSTATE 8 AND 1 MILE NORTH, CONNECTS TO STATE HIGHWAY 95 WHICH PROVIDES ACCESS TO MEXICO AND POINTS NORTH, SUCH AS INTERSTATE 10.

THE ANNUAL AVERAGE TRAFFIC COUNT PER 24 HOUR PERIOD ON AVENUE 3E BETWEEN THE STATION MAIN GATE AND BUSINESS ROUTE 8 IS 19,059 AND 13,035 BETWEEN BUSINESS ROUTE 8 AND INTERSTATE 8. AVENUE 3E IS WELL CONTROLLED HAVING TRAFFIC SIGNALS AT BOTH ENTRANCES TO THE STATION. IN THE PEAK WINTER MONTHS, THE ROAD STILL PROVIDES ADEQUATE ACCESS TO THE LOCAL COMMUNITY AND TO INTERSTATE 8.

A BICYCLE PATH EXISTS ON THE WEST SIDE OF AVENUE 3E BETWEEN THE STATION NORTH GATE AND BUSINESS ROUTE 8. THIS ROUTE PROVIDES A SAFE ACCESS FOR WALKING AND BICYCLING TO THE STATION.

EVEN DURING THE PEAK TRAFFIC MONTHS AT THE MOST ACTIVE TIME OF DAY, ACCESS CAN BE MADE WITHIN 5 MINUTES TO INTERSTATE 8. THE CENTRAL CORE OF YUMA'S BUSINESS DISTRICT IS WITHIN 10 MINUTES DRIVING TIME. THE CITIES OF SAN DIEGO, CALIFORNIA AND PHOENIX, ARIZONA ARE WITHIN THREE (3) HOURS BY INTERSTATE 8.

b) Do access roads transit residential neighborhoods?

NO

c) Are there any easements that preclude expansion of the access road system?

NO

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

CURRENTLY THE DEFENSE ACCESS ROAD FROM THE STATION, SR 280, TO INTERSTATE 8 NARROWS FROM 4 LANES TO 2 LANES AND A 2 LANE BRIDGE CROSSES THE SOUTHERN PACIFIC RAILROAD TRACKS PRIOR TO JOINING INTERSTATE 8. THE TWO LANE ROAD SECTION IS ONLY .7 MILES IN LENGTH AND THE YUMA METROPOLITAN PLANNING ORGANIZATION HAS CONCURRED WITH WIDENING THE ROAD AND BRIDGE TO 4 LANES. THIS IS A STATE HIGHWAY AND THE STATE OF ARIZONA HAS BEEN ASKED TO PROGRAM THE EXPANSION. SR 280 HAS BEEN DESIGNATED AS A PART OF THE STRATEGIC HIGHWAY CORRIDOR NETWORK (STRAHNET).

Source of Data (3.c.6) Transportation): FACILITIES MANAGEMENT OFFICE, MCAS YUMA, ARIZONA

d. **Fire Protection/Hazardous Materials Incidents. Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.**

AGREEMENTS EXIST WITH THREE LOCAL MUNICIPALITIES.

CITY OF YUMA, YUMA, AZ

- THE CITY OF YUMA AND MCASY PROVIDE MUTUAL EMERGENCY RESPONSE OR FIRE SUPPRESSION, MEDICAL INCIDENTS, AND HAZARDOUS MATERIALS SPILL CONTAINMENT.

- THE CITY IS PRIMARY RESPONDER FOR THE MILITARY HOUSING AREA AT 16TH STREET IN THE CITY.

- MCASY CRASH/FIRE RESCUE IS PRIMARY RESPONDER FOR ALL AIRCRAFT CRASHES, CIVILIAN AND MILITARY, IN THE YUMA AREA.

- MCASY IS PRIMARY RESPONDER FOR FIRE SUPPRESSION INCIDENTS IN THE OFF-BASE AREA IMMEDIATELY ADJACENT TO THE AIR STATION.

CITY OF SOMERTON, SOMERTON, AZ

- **THE CITY OF SOMERTON AND MCASY PROVIDE MUTUAL EMERGENCY RESPONSE FOR FIRE SUPPRESSION INCIDENTS.**

WINTERHAVEN FIRE DISTRICT, WINTERHAVEN, CA

- **THE WINTERHAVEN FIRE DISTRICT AND MCASY PROVIDE MUTUAL EMERGENCY RESPONSE FOR FIRE SUPPRESSION INCIDENTS.**

Source of Data (3.d. Fire/Hazmat): MCAS YUMA INTERSERVICE SUPPORT FILES

e. Police Protection.

1) What is the level of legislative jurisdiction held by the installation?

PROPRIETARY

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

NOT APPLICABLE

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

YES

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

A LAW ENFORCEMENT AGREEMENT AND UNDERSTANDING SIGNED BY MCAS YUMA, THE CITY OF YUMA, THE COUNTY OF YUMA, CITY OF YUMA POLICE, YUMA COUNTY SHERIFF'S OFFICE, YUMA COUNTY ATTORNEY'S OFFICE, AND THE CITY OF YUMA ATTORNEY'S OFFICE. THIS AGREEMENT DEALS WITH RESPONSIBILITIES FOR INVESTIGATIONS, PROSECUTIONS, REPORTING AND ARRESTS BY THE ABOVE PARTIES.

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A MEMORANDUM OF UNDERSTANDING SIGNED BY MCAS YUMA, THE YUMA COUNTY ATTORNEY'S OFFICE AND THE CITY OF YUMA ATTORNEY'S OFFICE

AND THE COUNTY OF YUMA ATTORNEY'S OFFICE. THIS UNDERSTANDING SETS FORTH THE POLICY GUIDELINES AS TO WHO SHOULD AND CAN MOST APPROPRIATELY PROSECUTE DRUG OFFENSES COMMITTED BY MARINES AND SAILORS IN YUMA COUNTY (EXCLUSIVE OF MCAS YUMA 16TH STREET MILITARY HOUSING).

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

NOT APPLICABLE

Source of Data (3.e. 1) - 5) - Police): PROVOST MARSHAL'S OFFICE/STAFF JUDGE ADVOCATE'S OFFICE, MCAS YUMA, ARIZONA

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

THE STATION OWNS PLANT CAPACITY AND INTERCEPTOR VOLUME WITHIN THE CITY OF YUMA SEWAGE DISPOSAL SYSTEM

THE BUREAU OF RECLAMATION PROVIDES COLORADO RIVER WATER TO THE STATION THROUGH THE YUMA MESA IRRIGATION AND DRAINAGE DISTRICT

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact.

NO

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3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

NO

Source of Data (3.f. 1) - 3) Utilities): FACILITIES MANAGEMENT OFFICE, MCAS YUMA, ARIZONA

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4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1.U.S. MARINE CORPS AIR STATION	MILITARY	4274 MIL/1808 NONMIL
2.U.S. ARMY YUMA PROVING GROUND	MILITARY	1930
3.YUMA REGIONAL MEDICAL CENTER	HOSPITAL	831
4. AUTOMOTIVE PARTS EXCHANGE	MANUFACTURER	800
5. YUMA ELEMENTARY SCHOOL DISTRICT	PUBLIC SCHOOL	800
6. YUMA UNION HIGH SCHOOL DISTRICT	PUBLIC SCHOOL	620
7. DOLE FRESH VEGETABLES	FOOD PROCESSOR	600
8. SUPER K-MART	RETAIL	550
9. YUMA COUNTY GOVERNMENT	GOVERNMENT	525
10. AMERICA WEST INDUSTRIES	MANUFACTURER	484

NOTE: THERE ARE OTHER EMPLOYERS IN THE AREA WHO HIRE LARGE NUMBERS OF MIGRANT AGRICULTURAL WORKERS ON A SEASONAL BASIS.

Source of Data (4. Business Profile): YUMA ECONOMIC DEVELOPMENT CORPORATION

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5. **Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

NO MAJOR EMPLOYERS HAVE BEEN LOST IN THE PAST FIVE (5) YEARS.

b. Introduction of New Businesses/Technologies:

- AUTOMOTIVE PARTS EXCHANGE - REBUILD AUTOMOTIVE ELECTRICAL PARTS - ESTABLISHED 1990.

- COAST CAGES - MANUFACTURER OF BIRD CAGES - ESTABLISHED 1992

- DOLE FRESH VEGETABLES - FOOD PROCESSOR - ESTABLISHED 1990

- JWM TRUSS - CUSTOM WOOD TRUSSES - ESTABLISHED 1989

- TILLMAN - MANUFACTURER OF PROTECTIVE CLOTHING - ESTABLISHED 1994

- YUMA CO - GENERATION ASSOCIATES - PRODUCE/DISTRIBUTE POWER - ESTABLISHED 1994

c. Natural Disasters:

1992 SAW THE FLOODING OF THE GILA RIVER. THIS FLOODING DESTROYED THOUSANDS OF ACRES OF FARMLAND AND CAUSED THE TEMPORARY DISPLACEMENT OF 2,000 AGRICULTURAL WORKERS. MANY OF THESE LANDS AND JOBS WERE RESTORED IN 1994.

d. Overall Economic Trends:

OUR TRENDS CONTINUE UPWARD. MOST ECONOMIC INDICATORS APPEAR POSITIVE. THE MAJOR NEGATIVE IS STAGNATION IN OUR UNEMPLOYMENT RATE WHICH CONTINUES TO HOVER AROUND 20%.

Source of Data (5. Other Socio/Econ): YUMA ECONOMIC DEVELOPMENT CORPORATION

6. Other. Identify any contributions of your activity to the local community not discussed elsewhere in this response.

IMPORTANCE OF OFF-BASE HOUSING - SIGNIFICANT NUMBERS OF MARINES AND THEIR FAMILIES LIVE IN THE COMMUNITY PROVIDING A STABLE HOUSING MARKET FOR THE LOCAL AREA.

***MCAS YUMA IS THE FAA CERTIFICATE HOLDER FOR THE MCAS YUMA/YUMA INTERNATIONAL AIRPORT COMPLEX. THE AIR STATION PROVIDES ALL AIR TRAFFIC CONTROL AND CRASH FIRE RESCUE SUPPORT AS WELL AS MAINTENANCE AND REPAIR OF ALL JOINT USE RUNWAYS AND TAXIWAYS.**

Source of Data (6. Other): YUMA ECONOMIC DEVELOPMENT CORPORATION

Data Call 65 for MCAS YUMA

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ **Signature** _____

Title _____ **Date** _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ **Signature** _____

Title _____ **Date** _____

Activity _____

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

MAJOR CLAIMANT LEVEL

MajGen P. D. WILLIAMS
NAME (Please type or print)

Signature

Commander
Title

21 JUL 1994
Date

Marine Corps Air Bases, Western Area
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

NAME (Please type or print)

Signature

Title

5/12/94
Date

BRAC-95 CERTIFICATION

DATA CALL 65

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

ACTIVITY COMMANDER

W. H HANSEN, Colonel, USMC

Commanding Officer

Date: 8 July 94

Marine Corps Air Station, Yuma, AZ

DATA CALL 63
FAMILY HOUSING DATA

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

Installation Name:	**MARINE CORPS AIR STATION YUMA**
Unit Identification Code (UIC):	**M62974**
Major Claimant:	**MARINE CORPS AIR BASES, WESTERN AREA M02200**

Percentage of Military Families Living On-Base:	**32%**
Number of Vacant Officer Housing Units:	**2**
Number of Vacant Enlisted Housing Units:	**6**
FY 1996 Family Housing Budget ($000):	**$3,487**
Total Number of Officer Housing Units:	**84**
Total Number of Enlisted Housing Units:	**737**

Note: All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)	**Signature**
Title	**Date**
Activity	

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)	**Signature**
Title	**Date**
Activity	

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

MAJOR CLAIMANT LEVEL

MajGen P. D. WILLIAMS	
NAME (Please type or print)	**Signature**
Commander	11 Jul 94
Title	**Date**

Marine Corps Air Bases, Western Area
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)	**Signature**
Title	**Date**

DATA CALL 63 for MCAS YUMA

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
Signature _____

Title DEPUTY CHIEF OF STAFF FOR INSTALLATIONS AND LOGISTICS
Date 8/8/94

BRAC-95 CERTIFICATION

DATA CALL 63

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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.

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

ACTIVITY COMMANDER

W. H HANSEN, Colonel, USMC

Commanding Officer

Date: 30 June '94

Marine Corps Air Station, Yuma, AZ

Data Call #63

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

IN REPLY REFER TO:

10

11000
LFL/F615
27 OCT 1994

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

Subj: CLARIFYING DATA RESPONSE

Ref: (a) Col D. Stockwell phone request of 26 OCT 94

Encl: (1) Response to clarifying question received from Col Stockwell, Navy BSAT, of 26 OCT 94

1. The enclosure provides the requested certified information.

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.

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

BRAC-95 CERTIFICATION

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

DATA CALL: SUPPLEMENTAL CLARIFYING DATA

ACTIVITY: HQMC DATA BASE INFO FOR MC AIR STATIONS

PAGE (S): 1

BSWG REVIEW OFFICIAL

R. L. ANDERSON
NAME (Please type or print)

GM-14, REAL ESTATE & BRAC SECTION HEAD
Title

Signature

27 OCT 94
Date

SUPPLEMENTAL CLARIFYING DATA REQUEST OF 26 OCT 94

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

pe of print

Signature

10/27/94

Title

Date

11011
LFL/B-426
26 OCT 94

CLARIFICATION QUESTION RECEIVED FROM COL D. STOCKWELL, BSAT OF 26 OCT 94

QUESTION: Provide for each MCAS the nearest live-fire air-to-ground range rated for 500 lb or greater HE and provide distance from MCAS?

MCAS	RANGE	DISTANCE
Cherry Point	Fort Bragg, R 5311C	108 mi
	W122 {water targets}	75 mi
New River	Fort Bragg, R 5311C	118 mi
	W122 {water targets}	85 mi
Beaufort	Fort Bragg, R 5311C	158 mi
Camp Pendleton	MCB Camp Pendleton, Zulu R 2503	4 mi
Miramar	MCB Camp Pendleton, Zulu R 2503	32 mi
✓Yuma	Chocolate Mountain AGR, R 2507	35 mi
NAF Kaneohe	Pohakuloa Training Area (big Is)	150 mi

10

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	**MARINE CORPS AIR STATION, YUMA, AZ**
UIC:	**M62974**
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. 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.**

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: MARINE CORPS AIR STATION, YUMA, AZ		**UIC: M62974**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	$2,030	$3,378	$5,408
1b. Minor Construction	24	83	107
1c. Sub-total 1a. and 1b.	$2,054	$3,461	$5,515
2. Other Base Operating Support Costs:			
2a. Utilities	$3,044	$386	$3,430
2b. Transportation	390	1,723	2,113
2c. Environmental	693	561	1,254
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	218	773	991
2f. Bachelor Quarters	611	218	829
2g. Child Care Centers	1,949	220	2,169
2h. Family Service Centers	281	178	459
2i. Administration (SEE F/A BELOW)	214	4,249	4,463

DATA CALL 66
INSTALLATION RESOURCES

2j. Other (Specify) Which include the following: Base Comm (A2) Grnd Elec/NonAVDLR (A3/A4) Training&A/Visual (H1,H2,H3) Airfield Opns/CFR (E1/E3) Range Management/EOD (E2) Oth Eng Services (P2) Struct Fire (D2) Supply Acft Refuel(S1/S2) Base Ops Messing Opns (N3) Minor/Organic Property (P1/S4) Legal(C3) Security (D1) Safety (C4) Ordnance (N1) ADPE (A1) FECA (GA)	3,834	29,390	33,224
2k. Sub-total 2a. through 2j:	$11,234	$37,698	$48,932
3. Grand Total (sum of 1c. and 2k.):	$13,288	$41,159	$54,447

ADMIN - B1, B2, B7, C1, G1, J1, L1,

TOTAL REFLECTS O&MMC ONLY DOES NOT INCLUDE FLT OPS, RECYCLE, TUITION ASSISTANCE, SUBSISTENCE, MAWTS-1 OR ANY OTHER CENTRAL PROGRAM OR FAMILY HOUSING FUNDS.

b Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)
N/A	

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: MARINE CORPS AIR STATION, YUMA, AZ	UIC: M62974

Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	69	0	69
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0.7	0	0.7
1c. Sub-total 1a. through 1d.	69.7	0	69.7
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	44.8	0	44.8
2f. Utilities	0	0	0
2g. Environmental Compliance	1.6	0	1.6
2h. Police and Fire	25.6	0	25.6
2i. Safety	1	0	1
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0

2l. Other (Specify) Refuse Disposal and Entomology	1.7	0	1.7
2m. Sub-total 2a. through 2l:	74.7	0	74.7
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	144.4	0	144.4

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 STATION YUMA	**UIC: M62974**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	218
Material and Supplies (including equipment):	2,814
Industrial Fund Purchases (other DBOF purchases):	0

DATA CALL 66
INSTALLATION RESOURCES

Transportation:	0
Other Purchases (Contract support, etc.):	10,256
Total:	13,288

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears	
Activity Name: MARINE CORPS AIR STATION, YUMA, AZ	**UIC:** M62974
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	**125**
Facilities Support:	**114**
Mission Support:	**148.25**
Procurement:	**5.25**
Other:*	**112.5**
Total Workyears:	**505**

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

MWR INDIRECT CONTRACT WORKERS		**55**
MESSMAN CONTRACT	**43**	
COST PER COPY CONTRACT	**1.5**	
EDUCATION SERVICES	**5**	
COMMISSARY MAINTENANCE	**8**	

DATA CALL 66
INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

142

2) Estimated number of workyears which would be eliminated:

363

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):

0

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**:

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
8	A & E ENGINEERING SUPPORT
3	DRY CLEANING
1	.PEPSI
1	DELIVERY PERSON
1	BURGER KING
6	AMERICAN LINEN CONTRACT
35.5	PACKING & CRATING CONTRACT
.5	COST PER COPY CONTRACT

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
3	MWR INDIRECT PERSONAL SERVICES

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: MCAS YUMA

PAGE (S): ALL

BSWG REVIEW OFFICIAL

W. J. WALLENHORST
Hd Budget Branch
Fiscal Division

NAME (Please type or print)

Signature

Title

21 OCT 1994

Date

MCAS YUMA
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 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
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print _____ Signature _____

Title _____ Date 10/24/94

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official Name	*Marine Corps Air Station, Yuma, AZ*
onym(s) used in correspondence	MCAS, Yuma
Commonly accepted short title(s)	MCAS, Yuma, AZ

- Complete Mailing Address

Commanding Officer
Box 99100
Yuma, AZ 85369-9100

- PLAD

MCAS YUMA AZ//CO//

- PRIMARY UIC: M62974 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): N/A _____ PURPOSE: N/A

_____ ___

_____ ___

2. PLANT ACCOUNT HOLDER:

- Yes X No _____ (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• HOST COMMAND: A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

- Yes _X_ No ____ (check one)

• TENANT COMMAND: A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

- Yes ____ No _X_ (check one)
- Primary Host (current) UIC: _N/A_
- Primary Host (as of 01 Oct 1995) UIC: _N/A_
- Primary Host (as of 01 Oct 2001) UIC: _N/A_

• INDEPENDENT ACTIVITY: For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

- Yes ____ No _X_ (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
Housing - Off Base	16th St & Ave B, Yuma, Az	M62974
AUX 2 Airfield	Approx 8.5 mi south of MCAS Yuma	M62974

Cannon Air Defense Complex	Approx 7 mi SE of MCAS Yuma	M62974
Remote Rifle Range	Approx 7 mi SE of MCAS Yuma	M62974
Martinez Lake Recreation Area	Approx 20 mi NE of MCAS Yuma on the Colorado River	M62974
Chocolate Mountain Aerial Gunnery Range	Approx 35 mi west of MCAS Yuma in Imperial County, CA	M62974

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
N/A				

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

- Upon closure of Williams AFB (BRAC-91), VMFT-401 increased internal capabilities and decreased dependency on external support in the areas of aircraft maintenance and logistical support for F-5E/F aircraft. As a result of peculiar and non-peculiar support equipment and calibration instruments obtained from Williams AFB, plus intensive training and reverse engineering efforts, the Squadron's aircraft maintenance contractor is now able to test 21 additional items of calibration equipment and overhaul all F-5 aircraft hydraulic subassemblies and brakes. Additionally, exhaust pipe welding, previously performed by Williams AFB is now done at VMFT-401.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- Premier air-ground deployment site for all Marine Aviation Units.
- Provide support and facilities for AV-8 MAG.
- Provide support and facilities for USMC's only Aggressor Squadron (VMFT-401).
- Support MAWTS and Advanced WTI Courses.
- Support site for Navy Fighter Weapons School Deployments.
- Regional Airspace Coordinator for Southwestern United States.
- Scheduling activities for 24 Special Use Airspaces (SUA).
- Provide support and facilities for tactical units of Marine Air Control Group
- Approach Control Facility service for MCAS Yuma, Laguna Army Airfield and all outlying fields.

Projected Missions for FY 2001

- MCAS Yuma anticipates no mission changes in the immediate or projected future.

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- MCAS Yuma is the only joint-use airfield in USMC. It holds the FAR Part 139 Certificate that allows air carrier operations to be conducted by the Yuma International Airport.
- MCAS Yuma Crash, Fire, and Rescue Department provides FAA-required firefighting equipment in conjunction with fulfilling its U. S. Navy NATOPS requirements.
- MCAS Yuma Weather Service is equipped with Mini-Rawinsonde (MRS) capability. This self-contained battery-powered unit, launched with a weather balloon, provides upper level wind, temperature, and humidity data for a deployed weather detachment supporting tactical aviation exercises.
- Range Manager for 2.8 million acres of Aviation Range in Arizona and California.
- The SOMS Search and Rescue Department provides helicopter support and personnel to governmental agencies and organizations in support of emergency medical evacuations, search and rescue operations, Arizona Fish and Wildlife logistical helo lifts, and off-base tactical jet crash response.

- MCAS Yuma is the second most active Navy/Marine Corps Air Station in the United States. In this regard, the surrounding training range/airspace complex is without peer in terms of size and versatility. In addition to year round deployments of aviation and aviation-support units to MCAS Yuma, mission support is provided semi-annually for Weapons and Tactics Instructor (WTI) Courses taught by Marine Aviation Weapons and Tactics Squadron One. The Air Station supports the following unique training:

* Night Vision Device usage from takeoff to landing.

* Field Carrier Landing Practice is conducted at the Air Station and at AUX 2 outlying airfield. This airfield has a full-scale LHA landing deck constructed on it. This allows AV-8B pilots the best possible simulation of actual landing conditions without having to deploy to an actual LHA platform.

* Forward base and road operations are routinely practices on the main airfield. A portion of a southwestern taxiway is dedicated to simulate a highway landing strip.

* Five AV-8B Vertical Landing Pads are available at the main airfield for vertical landing practice.

* Instrument Landing System (ILS) precision approaches are available to either end of the primary landing runway.

* A 13,300 foot-long concrete runway is available at the main airfield.

- Manage the only Marine Corps aviation heavy ordnance-capable range in the western United States.
- Maintain the magazines to support Marine and all Naval Service aviation deployments.

Projected Unique Missions for FY 2001

- MCAS Yuma anticipates no unique mission changes in the immediate or projected future.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

• Operational name	UIC
Commander, Marine Corps Air Bases, Western Area, El Toro, CA	M67428

• Funding Source	UIC
Commander, Marine Corps Air Bases, Western Area, El Toro, CA	M67428

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● Operational name	UIC
Commander, Marine Corps Air Bases, Western Area, El Toro, CA	M67428

● Funding Source	UIC
Commander, Marine Corps Air Bases, Western Area, El Toro, CA	M67428

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers		Enlisted	Civilian (Appropriated)
● Reporting Command	59	846	314	
● Tenants (total)	431	2990	111	

Authorized Positions as of 30 September 1994

	Officers		Enlisted	Civilian (Appropriated)
● Reporting Command	55	979	328	
● Tenants (total)	435	3046	111	

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

Title/Name	Office	Fax	Home
• CO/OIC			
Col W. H. Hansen	DSN 951-2224 602)341-2224	DSN 951-2812 (602)341-2812	(602) 726-6248
• Duty Officer	DSN 951-2252/ 2253 (602)341-2252/3	DSN 951-2812 (602)341-2812	N/A
• Mr. T. A. Manfredi	DSN 951-2272 (602)341-2272	DSN 951-3259 (602)341-3259	(602) 782-9621
• Mrs. Mary Sue DePuy	DSN 951-3624 (602)341-3624	DSN 951-3259 (602)341-3259	(602) 783-2868

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

Codes to identify Civilian Personnel types:
AF = Appropriated Fund
Contr = Contractor
Oth = Other

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Personal Support Activity, Naval Station, San Diego, CA	N00070	0	3	0
Marine Aviation Weapons & Tactics Squadron - One	M01245	97	98	0
VMFT-401	M04802	7	12	80 Contr
Defense Finance & Accounting Service	033181	0	4	17 AF
Naval Aviation Engineering Service Unit	N42076	1	1	7 AF
Naval Investigative Service, San Diego, CA	N42939	0	0	7 AF
Branch Medical Clinic	N47198	12	31	4 AF
Naval Warfare Assessment Center, Corona, CA (Tactical Air Combat Training System - TACTS)	N60701	0	0	7 AF 32 Contr
U. S. Army Medical Command, Ft Huachuca, AZ	W61DEW	1	1	0

Naval Air Warfare Center China Lake, CA	N63126	0	0	2 AF 1 Contr
Naval Aviation Depot, Cherry Point, CA	N65924	0	0	1 AF 9 Contr
SW Div, Naval Facilities Engineering Command, San Diego, CA	N68711	1	0	6 AF
MCB, Camp Pendleton, CA (for HRO det)	M95464	0	0	6 AF
Defense Commissary Agency, SW Region, Santa Ana, CA	HQCKM 5	0	0	34 AF
Defense Investigative Service, Irving, TX	HS42Y2	0	0	1 AF
Defense Reutilization & Marketing Service, Glendale, AZ	SC4499	0	0	7 AF
Burger King, Yuma, AZ	N/A	0	0	45 Contr
Back East Deli, Yuma, AZ	N/A	0	0	6 Contr
Tour West Travel, Yuma, Az	N/A	0	0	2 Contr
Dean Dixon, Barber, Yuma, AZ	N/A	0	0	8 Contr
Family Cleaners, Yuma, AZ	N/A	0	0	7 Contr
Flight Line Cafe, Yuma, AZ	N/A	0	0	6 Contr
Budget Rent-A-Car, Yuma, AZ	N/A	0	0	1 Contr
Bowling Enterprises, Yuma, AZ	N/A	0	0	3 Contr
Marine Air Federal Credit Union, Yuma, AZ	N/A	0	0	11 Oth
1st Interstate Bank, Yuma, AZ	N/A	0	0	3 Oth
Center for Naval Analysis, Arlington, VA	N/A	0	0	1 AF
Red Cross	N/A	0	0	4 Oth
Navy Relief	N/A	0	0	2 Oth

U. S. Post Office	N/A	0	0	1 AF 6 Contr
Webster University	N/A	0	0	2 Oth
Southern Illinois University	N/A	0	0	2 Oth
Cochise College	N/A	0	0	1 Oth
Diversified, Yuma	N/A	0	0	57 Contr
Link Training Service, CAE-Link Corp	N/A	0	0	10 Contr
Beech Aerospace Services, Inc	N/A	0	0	3 Contr
Maytag	N/A	0	0	23 Contr
McDonnell Aircraft, St Louis, Mo	N/A	0	0	4 Contr
Boeing	N/A	0	0	1 Contr
Rolls-Royce	N/A	0	0	4 Contr
MCC Phone Center, Minnetoka, MN	N/A	0	0	5 Contr

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Marine Aircraft Group-13	M00013	191	1303	0
Detachment, 13th Dental Company	N47114	6	10	0
Detachment, 3dMAW Medical	N31055	6	31	0
MATCS-38, Det A	M01291	5	56	0
Combat Service Support Detachment-16	M28357	10	81	0
MWSS-371	M00371	34	697	0

• 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).

• Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civ
2dLAAMBn	M22960	CADC	32	400	0
Marine Air Control Squadron - 7	M00974	CADC	27	143	0

**NOTE: CADC = Cannon Air Defense Complex

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civ
N/A					

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Yuma International Airport	*Yuma, AZ*	*Joint Use Agreement-- Air Traffic Control, CFR, and after-hours airfield lighting and maintenance*
U. S. Border Patrol	*Yuma, AZ El Centro, CA*	*MOU/ISA -- ATC cooperation, weather information, ServMart, equipment maintenance, communication support*
U. S. Army Proving Ground	*Yuma, AZ*	*ISA -- Communications, computer training, HHG, shipment, use of detention facility, repair of electronic equipment, motorcycle safety training, haz waste training*

Army Recruiting Bn	*Santa Ana, Ca*	*ISA --* *Legal, transportation and military personnel support*
832nd Combat Support Group, Luke AFB	*Luke AFB, AZ*	*MOU --* *Coordination & scheduling for WTI*
SW Air Defense Sector, March AFB	*March AFB, CA*	*MOU --* *Radar Operations in support of air defense, air sovereignty and counter-narcotics operations*
Joint Task Force Six, Ft Bliss	*Ft Bliss, TX*	*ISA --* *Logistical support to DoD counternarcotics operations*
855th Military Police Company, AZ National Guard	*Yuma, AZ*	*MOU --* *Alternate mobilization site*
22d Air Refueling Wing, March AFB	*March AFB, CA*	*ISA --* *Storage of War Reserve Materials*
Cities of:	*Yuma, AZ* *Somerton, AZ* *Winterhaven CA*	*MOU --* *Mutual fire fighting assistance*
Department of Fish & Game *Imperial County Public Works* *Imperial Irrigation District*	*Long Beach, CA* *El Centro, CA* *Imperial, CA*	*MOUs --* *Access to the Chocolate Mountain Aerial Gunnery Range*
County of:	*Yuma, AZ*	*Easement/MOU --* *Easement and access; use of passenger ramp and starting unit*

City of:	*Yuma, AZ*	*MOUs --* *Sewer injection station, strunk sewer extension, traffic signal lights, and emergency water intertie*
U. S. Fish & Wildlife	*Albuquerque NM*	*ISA --* *Refuse disposal at Martinez Lake and purchase of ServMart supplies*
U. S. Geological Survey	*Pasadena, CA*	*MOU --* *Positioning of seismic stations on Chocolate Mountain Aerial Gunnery Range and the Barry M. Goldwater Aerial Gunnery Range*
U. S. Customs Service	*Tucson, AZ*	*MOU --* *Access to Radar Air Traffic Control Facility and basic ASR-8 radar training*
Dept of Housing & Urban Development	*Somerton, AZ*	*ISA --* *Procurement of ServMart supplies*
Dept of Energy	*Phoenix, AA*	*ISA --* *Emergency procurement of aviation fuel*
Dept of Health & Human Service, Indian Health Service, Ft Yuma Hospital	*Yuma, AZ*	*ISA --* *Procurement of ServMart supplies and inspection of fire extinguisher*
Dept of Interior, Bureau of Land Management	*Yuma, AZ*	*ISA --* *Transportation, haz waste response/training, co-op sharing of heavy equipment*
Dept of Interior, Bureau of Reclamation *Dept of Interior, Bureau of Indian Affairs* *International Boundary & Water Commission*	*Yuma, AZ* *Yuma, AZ* *Yuma, AZ*	*ISAs --* *Procurement of ServMart Supplies*

Defense Subsistence Region - Pacific	*Alameda, Ca*	*ISA -- Intermittent communication support*
Naval Air Facility	*El Centro, CA*	*ISA -- Legal, EOD, reaction force, and motorcycle safety training*
Marine Corps Research, Development & Acquisition Command	*Quantico, VA*	*ISA -- Logistical support to the Marine Light Armored Vehicle Test Directorate (LAVTD) detachment at Yuma Proving Ground which includes, but is not limited to, military personnel services, procurement of supplies, storage of ordnance*
FAA	*Los Angeles, CA*	*MOUs/ISAs -- Location of OMNI-REIL, AVASI, and DF systems used to assist pilots in landing; joint utilization of ASR-8 radar; coordination of air traffic and handoff between LAX and MCASY Approach Control; location of MALS/R control equipment installed in the air traffic control tower at MCASY; support to the FAA Rep*
FAA	*Albuquerque NM*	*MOU -- Coordination of air traffic and radar handoff procedures between Albuquerque Center and MCASY Approach Control*
Santa Fe Pacific Pipeline Partners	*Los Angeles, CA*	*MOU -- Maintenance of 6" pipeline, related facilities and storage tanks on MCASY*

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

Attachments:

1. Local Area Map, 50 mile radius, 36"x42" 12 copies
2. Install Map, Station Proper 36"x42" 2 copies
3. Install Map, Station Proper 11"x17" 12 copies
4. Install Map, Real Estate Summary, 11"x17" 12 copies
5. Install Map, Real Estate Summary, 36"x42" 3 copies
6. Install Map, Cannon Air Defense Complex, 11"x17" 12 copies
7. Install Map, 16th St (Off-base) Housing, 11"x17" 12 copies
8. Install Map, Martinez Lake Rec Area, 11"x17" 12 copies
9. General Development Map w/Bldg Legend, 36"x42" 2 copies
10. General Development Map w/Bldg Legend, 11"x17" 12 copies
11. ESQD ARC Map, 36"x42" 2 copies
12. ESQD ARC Map, 11"x17" 12 copies

13. HERO/HERF/HERP Map, Station Proper	12 copies	
14. HERO/HERF/HERP Map, Cannon Air Defense Complex		12 copies
15. Install Restoration Program Sites	12 copies	
16. Aerial Photo, Station Proper	12 copies	
17. Aerial Photo, Cannon Air Defense Complex	12 copies	
18. Aerial Photo, AUX 2	12 copies	
19. Aerial Photo, 16th St (Off-base) Housing	12 copies	
20. Aerial Photo, Martinez Lake Rec Area	12 copies	
21. AICUZ Map	12 copies	
22. Yuma Training Range Complex	12 copies	

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

NEXT ECHELON LEVEL (if applicable)

MAJGEN P. D. WILLIAMS
NAME (Please type or print)

Signature

COMMANDER
Title

940311
Date

COMCABWEST
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Signature

16 MAR 1994

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

W.H. HANSEN, COL, USMC
NAME (Please type or print)

Signature

Commanding Officer
Title

9 Feb 94
Date

Marine Corps Air Station, Yuma
Activity

10

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

Map w/ original
Data Call

20 APRIL 1994

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

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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.

*PROVIDE A LIST OF THE TENANT ACTIVITIES WITH UICs THAT ARE COVERED IN THIS RESPONSE.

UIC	ACTIVITY
M09041	MARINE AIRCRAFT GROUP-13
M62974	MARINE AVIATION WEAPONS AND TRAINING SQUADRON -1
M03340	VMFT-401 (ACTIVE DUTY)
M04802	VMFT-401 (RESERVE)
M00974	MARINE AIR CONTROL SQUADRON-7
M22960	2nd LIGHT ANTIAIRCRAFT MISSILE BATTALION
M00371	MARINE WING SUPPORT SQUADRON-371
M28357	1st FORCE SERVICE SUPPORT GROUP-16 (CSSD-16)
M01291	MARINE AIR TRAFFIC CONTROL SQUADRON-38 DET A
M00681	HUMAN RESOURCES OFFICE, CAMP PENDLETON, CA
N68094	NAVAL HOSPITAL, CAMP PENDLETON, CA
HQ0139	DEFENSE FINANCE AND ACCOUNTING SERVICE
SZY429	DEFENSE REUTILIZATION AND MARKETING

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)
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
GOPHERUS AGASIZZII-DESERT TORTOISE	THREAT-ENED	FED/CA	@170,000*	0
PHYRNOSOMA MCALLII-FLAT TAILED HORNED LIZARD	PROPOSED THREAT-ENED	FED/ PRO-TEC-TED/AZ LISTED	0	**4,000
LEPTONYTERIS CURASOAE YERBABUENAE--LESSER LONG-NOSED BAT	ENDANG-ERED	FED/AZ	0	**UN-KNOWN
ANTILOCAPRA AMERCANA SONORIENSIS -SONORAN PRONGHORN	ENDANG-ERED	FED/AZ	0	**UN-KNOWN

Source Citation: (1) U.S.F.&W.S. LETTER-YUMA DISTRICT SPECIAL STATUS SPECIES LIST.
(2) SURVEYS BY STATION NATURAL RESOURCES SPECIALIST
(3) DRAFT EIS PREPARED BY DAMES & MOORE

* THE DESERT TORTOISE IS FOUND IN THE CHOCOLATE MOUNTAIN AERIAL GUNNERY RANGE - NOT MCAS YUMA.

**** THESE SPECIES EXIST ON THE BARRY M. GOLDWATER AIR FORCE RANGE (BMGAFR). THE BMGAFR IS NOT "NAVY CONTROLLED PROPERTY." HOWEVER, MCAS YUMA DOES SCHEDULE USE AND IS RESPONSIBLE FOR RESOURCE MANAGEMENT ON THE WESTERN HALF OF THE BMGAFR.**

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/**NO** AIR STN
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.	YES/**NO** AIR STN

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.
PROVIDED IN DATA CALL 1

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/NO

***NOT ON THE AIR STATION PROPER. WE HAVE AGREED TO CONDUCT LOW LEVEL FLIGHTS ALONG SPECIFIC CORRIDORS OVER THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE. WE HAVE AGREED TO CONDUCT STUDIES TO MONITOR WILDLIFE POPULATION TRENDS ON THE RANGES. THESE MITIGATION MEASURES WERE SPECIFIED AS A RESULT OF FORMAL CONSULTATION WITH THE U.S. FISH AND WILDLIFE SERVICE; HOWEVER, THEY REFLECT PRACTICES THAT HAVE LONG BEEN THE POLICY OF THE AIR STATION.**

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.	YES/**NO**

WITH RESPECT TO THE ENDANGERED SPECIES, THE FEDERAL GOVERNMENT HAS NOT WAIVED SOVEREIGN IMMUNITY, THEREFORE BASE DEVELOPMENT PLANS AND OPERATIONS ARE MINIMALLY AFFECTED BY STATE/LOCAL ENDANGERED SPECIES LAWS.

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?	YES/**NO**
Has a wetlands survey in accordance with established standards been conducted for your base?	**YES**/NO
When was the survey conducted or when will it be conducted? **01/JAN/90**	
What percent of the base has been surveyed?	**100%**
What is the total acreage of jurisdictional wetlands present on your base?	**NONE**

Source Citation: **MCAS YUMA, NATURAL RESOURCES SPECIALIST (1990 SURVEY)**

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.

N/A

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?____**NO**____If YES, summarize the results of such modifications or constraints.

R

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**/NO *

***NO SITES HAVE BEEN IDENTIFIED ON THE AIR STATION PROPER.**

SITE	SITE TYPE	NTL REGISTER ELIGIBILITY
AZ X:7:3 (ASM)	HISTORIC TRAIL	LISTED NATIONAL REGISTER
AZ X:12:8 (ASM)	CAMP	POTENTIALLY ELIGIBLE
AZ X:12:9 (ASM)	POSSIBLE BURIAL	POTENTIALLY ELIGIBLE
AZ X:12:10 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ X:12:15 (ASM)	ROCKSHELTER	POTENTIALLY ELIGIBLE
AZ Y:5:9 (ASM)	ROCK PILES	POTENTIALLY ELIGIBLE
AZ Y:5:10 (ASM)	INTAGLIO	DETERMINED ELIGIBLE
AZ Y:5:14 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ Y:5:15 (ASM)	PREHISTORIC CAMP	POTENTIALLY ELIGIBLE
AZ Y:5:16 (ASM)	CAIRN	POTENTIALLY ELIGIBLE
AZ Y:5:19 (ASM)	POSSIBLE HISTORIC GRAVES	POTENTIALLY ELIGIBLE
AZ Y:5:20 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ Y:5:26 (ASM)**	POSSIBLE INTAGLIO	POTENTIALLY ELIGIBLE

****SITE IS LOCATED NEAR BUT BEYOND GROUND OPERATIONS AREAS**

3b.

	YES/NO
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.	**YES**/NO * **FOR RANGE USE**

R

3b. (cont.)
***WE ARE IN THE PROCESS OF DEVELOPING A PROGRAMMATIC AGREEMENT WITH THE STATE HISTORIC PRESERVATION OFFICE FOR AZ AND CA. WE HAVE AGREED TO PREPARE A HISTORIC AND ARCHEOLOGICAL PRESERVATION (HARP) PLAN. BECAUSE OF THE VAST ACREAGE OF THE RANGES AND THE RELATIVELY LOW LEVEL OF GROUND DISTURBANCE, MITIGATION FOR ARCHEOLOGICAL RESOURCES HAS NOT ADVERSELY AFFECTED OUR MISSION PERFORMANCE.**

Specific example(s) of agreement with the State HIstoric Preservation Office of AZ or CA with effects of agreement/mitigation included.

MCAS Yuma is actively negotiating a joint programmatic agreement with the State Historic Preservation Office for AZ and CA. This will satisfy the Section 106 consultation requirements for the Yuma Training Range Complex (YTRC), Management EIS. The agreement calls for the preparation of Historic Properties Treatment Plans (HPTP) for all properties determined eligible for listing on the National Register. For properties that can be avoided, the HPTP will require plans to "Preserve in Place" through monitoring and protection. For properties that cannot be avoided, the HPTP will provide for the recovery of data and curation of resulting materials and records. To date, no properties determined eligible for listing on the National Registry have been deemed to be unavoidable by military activities within the YTRC. The avoidance, monitoring, and protection measures necessary to accommodate National Register Cultural Resources has not and is not likely to adversely effect our mission performance.

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**/NO *

***NO SITES HAVE BEEN IDENTIFIED ON THE AIR STATION PROPER.**

SITE	SITE TYPE	NTL REGISTER ELIGIBILITY
AZ X:7:3 (ASM)	HISTORIC TRAIL	LISTED NATIONAL REGISTER
AZ X:12:8 (ASM)	CAMP	POTENTIALLY ELIGIBLE
AZ X:12:9 (ASM)	POSSIBLE BURIAL	POTENTIALLY ELIGIBLE
AZ X:12:10 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ X:12:15 (ASM)	ROCKSHELTER	POTENTIALLY ELIGIBLE
AZ Y:5:9 (ASM)	ROCK PILES	POTENTIALLY ELIGIBLE
AZ Y:5:10 (ASM)	INTAGLIO	DETERMINED ELIGIBLE
AZ Y:5:14 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ Y:5:15 (ASM)	PREHISTORIC CAMP	POTENTIALLY ELIGIBLE
AZ Y:5:16 (ASM)	CAIRN	POTENTIALLY ELIGIBLE
AZ Y:5:19 (ASM)	POSSIBLE HISTORIC GRAVES	POTENTIALLY ELIGIBLE
AZ Y:5:20 (ASM)	ARTIFACT SCATTER	POTENTIALLY ELIGIBLE
AZ Y:5:26 (ASM)**	POSSIBLE INTAGLIO	POTENTIALLY ELIGIBLE

****SITE IS LOCATED NEAR BUT BEYOND GROUND OPERATIONS AREAS**

3b.
YES/NO

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.	**YES**/NO * **FOR RANGE USE**

***WE ARE IN THE PROCESS OF DEVELOPING A PROGRAMMATIC AGREEMENT WITH THE STATE HISTORIC PRESERVATION OFFICE FOR AZ AND CA. WE HAVE AGREED TO PREPARE A HISTORIC AND ARCHEOLOGICAL PRESERVATION (HARP) PLAN. BECAUSE OF THE VAST ACREAGE OF THE RANGES AND THE RELATIVELY LOW LEVEL OF**

R

3c.

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

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 / NO**
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			

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

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

GROUND DISTURBANCE, MITIGATION FOR ARCHEOLOGICAL RESOURCES HAS NOT ADVERSELY AFFECTED OUR MISSION PERFORMANCE.

3c.

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

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 / NO**
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			

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

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

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.
N/A

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					**YES / NO**
Facility/Type of Operation	**Permitted Capacity**	**Ave Daily Throughput**	**Maximum Capacity**	**Permit Status**	**Comments**
BLDG 490&LOT	N/A	1-1/2-2 TONS DAILY	N/A	N/A	WOOD, GLASS, PLASTIC, PAPER, CANS, ETC. - RECYCLED MATERIALS

List any permit violations and projects to correct deficiencies or improve the facility.
NONE

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					**YES / NO**
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**

List permit violations and discuss any projects to correct deficiencies.
NONE

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

MCAS YUMA DISCHARGES WASTEWATER INTO THE CITY OF YUMA SEWER SYSTEM UNDER AN AGREEMENT WITH THE CITY AND A DISCHARGE PERMIT. THE AVERAGE DAILY DISCHARGE RATE IS 550 KGAL. THE PERMIT WILL BE EXTENDED THROUGH SEP 94 AND REISSUED. A COPY OF THE PERMIT IS INCLUDED HEREIN AS ATTACHMENT 1 AND CONTAINS THE DISCHARGE LIMITATIONS. THERE ARE NO EXISTING VIOLATIONS.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					**YES / 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.

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

THERE ARE SEPTIC TANK SYSTEMS AT OUTLYING FACILITIES (BOTH ON AND OFF STATION); HOWEVER, THESE ARE NOT CURRENTLY PERMITTED OR REGULATED BY THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ). THIS MAY CHANGE DUE TO THE EXPANSION OF THE ADEQ AQUIFER PROTECTION PROGRAM.

THE NAVY SPECIAL WARFARE GROUP-ONE CAMP WITHIN THE CHOCOLATE MOUNTAIN GUNNERY RANGE IS ALSO ON A SEPTIC TANK SYSTEM. IT IS REGULATED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD AND DOES NOT REQUIRE A PERMIT.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					YES / NO
ID/Location of WTP	**Operating (GPD)**		**Method of Treatment**	**Maximum Capacity**	**Permit Status**
	Permitted Capacity	**Daily Rate**			
MAIN STATION 14082	8,000,000	3,000,000	FILTRATION & CHLORINATION	8,000,000	YES
CANNON AIR COM 14083	1,000,000	10,000	CHLORINATION	1,000,000	YES
MARTINEZ LAKE 14084	50,000	5,000	FILTRATION & CHLORINATION	50,000	YES

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

NO PERMIT VIOLATIONS

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.
A REMOTE TRANSMITTER SITE AND THE OFF-BASE FAMILY HOUSING AREA ARE SERVICED WITH MUNICIPAL WATER FROM THE CITY OF YUMA.

4j.

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

4k.

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

NOT REQUIRED DUE TO NO OFF-STATION DRAINAGE BASED ON CURRENT STORM EVENT PROFILE HISTORY. CURRENTLY WE ARE SEEKING A SURFACE DRAINAGE (HYDROLOGY) STUDY CERTIFIED BY A LICENSED P.&E.

DOCUMENTING THE "NO OFF-SITE DRAINAGE" POSITION.

R

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/NO

TITLE V OF THE CLEAN AIR ACT IS A PERMITTING PROGRAM WHICH MODIFIES THE EMISSIONS THRESHOLDS FOR HAZARDOUS AIR POLLUTANTS. THE STATE OF ARIZONA HAS SUBMITTED A STATE IMPLEMENTATION PLAN (SIP) TO THE EPA WHICH HAS YET TO BE APPROVED. IT PROPOSES TO TIGHTEN THE SCREWS OF THE FEDERAL THRESHOLD OF 10 TONS OF ANY GIVEN HAZARDOUS AIR POLLUTANT OR 25 TONS OF ALL COMBINED HAZARDOUS AIR POLLUTANTS TO 1 TON FOR ANY POLLUTANT AND 2.5 TONS TOTAL.

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.

NOT APPLICABLE AT YUMA EXCEPT FOR WATER AND SEWAGE TREATMENT. BOTH THE WATER AND SEWER CAPACITIES CAN BE EXPANDED.

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

NO. The status of the State of AZ State Implementation Plan for Air Quality is as follows:

THE STATE IMPLEMENTATION PLAN (SIP) WAS SUBMITTED TO EPA IN NOVEMBER 1991, WHICH WAS REJECTED BECAUSE IT WAS INCOMPLETE. THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) REVISED THE SIP AND RESUBMITTED IT IN JUNE 1994. THE SIP IS CURRENTLY UNDER REVIEW AT EPA.

DOCUMENTING THE "NO OFF-SITE DRAINAGE" POSITION.

4l. YES/NO

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/NO

TITLE V OF THE CLEAN AIR ACT IS A PERMITTING PROGRAM WHICH MODIFIES THE EMISSIONS THRESHOLDS FOR HAZARDOUS AIR POLLUTANTS. THE STATE OF ARIZONA HAS SUBMITTED A STATE IMPLEMENTATION PLAN (SIP) TO THE EPA WHICH HAS YET TO BE APPROVED. IT PROPOSES TO TIGHTEN THE SCREWS OF THE FEDERAL THRESHOLD OF 10 TONS OF ANY GIVEN HAZARDOUS AIR POLLUTANT OR 25 TONS OF ALL COMBINED HAZARDOUS AIR POLLUTANTS TO 1 TON FOR ANY POLLUTANT AND 2.5 TONS TOTAL.

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.

NOT APPLICABLE AT YUMA EXCEPT FOR WATER AND SEWAGE TREATMENT. BOTH THE WATER AND SEWER CAPACITIES CAN BE EXPANDED.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain. NO

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? ARIZONA AIR QUALITY CONTROL
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? NO . List site, location and name of AQCA.

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: MCAS YUMA
AQCA: ARIZONA AIR QUALITY CONTROL

Pollu-tant	Attain-ment	Non-Attainment	Mainten-ance	Target Attainment Year[1]	Comments[2]
CO	X				
Ozone	X				1993 AVG .1
PM-10		X			MODERATE* 1993 AVG 31.3
SO_2	X				
NO_2	X				
Pb	X				

[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.

*ASSESSMENT IS BASED ON THE ANNUAL ARIZONA EMISSION REPORT CONDUCTED BY ADEQ FOR YUMA COUNTY. AN ASSESSMENT FOR JUST THE AIR STATION HAS NOT BEEN CONDUCTED.

Site: CHOCOLATE MOUNTAINS AERIAL GUNNERY RANGE

APCD: AIR POLLUTION CONTROL DISTRICT, EL CENTRO (CALIFORNIA)

Pollu-tant	Attain-ment	Non-Attainment	Mainten-ance	Target Attainment Year[1]	Comments[2]
CO					
Ozone					
PM-10		X*			
SO_2					
NO_2					
Pb					

[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.

*CURRENTLY NO MONITORING OR ATTAINMENT STATUS AVAILABLE EXCEPT FOR PM-10. SOURCE OF INFORMATION IS: EL CENTRO APCD.

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, 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.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	NOTE*				
NOx					
VOC					
PM10					

Source Document: _____

*NO BASELINE DATA IS AVAILABLE. ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY DOES NOT REQUIRE MEASUREMENTS FOR AIR QUALITY. A STUDY WAS CONDUCTED BY DYNAMAC CORPORATION FOR HEADQUARTERS, U.S. MARINE CORPS (CODE LFL) NOV 16, 1992. THE RESULT OF THAT STUDY WAS A MODEL FOR EMISSIONS, NOT A TABLE OF BASELINE DATA.

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	NOTE*				4.14
NOx					3.64
VOC					36.68
PM10					2.9

Source Document: _____

DATA FOR INDIVIDUAL EMISSION SOURCES CANNOT BE PROVIDED BECAUSE THE MODEL DOES NOT PROVIDE THAT INFORMATION. TOTALS WERE CALCULATED BY USING THE DYNAMAC MODEL.

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.

OVERALL BASE LOADING AND MISSION ARE NOT, AT THE CURRENT TIME, PROJECTED TO CHANGE SIGNIFICANTLY. THEREFORE, NO CHANGE IN EMISSIONS IS ANTICIPATED. ANY MISSION LEVEL INCREASES OR DECREASES RESULTING FROM CHANGES IN TECHNOLOGY ARE UNKNOWN AT THIS TIME

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

NO

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

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?

NO

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	FY1994	Costs in $K to correct deficiencies					
		FY1995	FY1996	FY1997	FY1998 - FY1999	FY2000- FY2001	Total
Air	48	60	60	2668	5801	0	8637
Hazardous Waste	221	0	0	0	0	0	221
Safe Drinking Water Act	103	0	0	0	0	0	103
PCBs	0	0	0	989	0	0	989
Other (non-PCB) Toxic Substance Control Act	0	0	0	0	0	0	0
Lead Based Paint	0	0	0	0	0	0	0
Radon	0	0	0	0	0	0	0
Clean Water Act	0	3433	1	2	2	2	3442
Solid Waste	0	0	0	0	0	0	0
Oil Pollution Act	0	0	0	0	0	0	0
USTs	140	0	0	0	0	0	140
Other	0	222	222	222	444	444	1,554
NATURAL RESOURCES (NEPA/ESA/NHPA)	40	0	0	0	0	0	40
Total	554	3715	283	3881	6247	446	15126

1. PROJECTS ARE IDENTIFIED THROUGHOUT THE YEAR, NORMALLY AS "POP UP" REQUIREMENTS BASED ON NEW GUIDANCE OR REGULATIONS RECEIVED DURING THE YEAR. DUPLICATE ANNUAL REQUIREMENTS SHOWN ABOVE ARE AN ANTICIPATION OF NOT RECEIVING FUNDING IN THE INITIAL REQUESTED YEAR. PERMIT FEES ARE NORMALLY RECURRING COSTS AND ARE INCLUDED IN 6c.

2. A TOTAL OF $1,178K WAS SPENT FROM FY91 THROUGH FY93 ON AN EIS WHICH WAS STARTED IN SEP 91 AND IS SCHEDULED FOR COMPLETION IN JUL 95. THE EIS, WHEN FINISHED, IS EXPECTED TO PROVIDE FULL COMPLIANCE FOR EXISTING PRACTICES UNDER NEPA, ESA, AND NHPA THROUGH 2001.

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

SEE ATTACHMENT 2 FOR PROJECT LIST.

6b.

Does your base have structures containing asbestos?___YES_____ What % of your base has been surveyed for asbestos?___30%_____ Are additional surveys planned? __YES_____ What is the estimated cost to remediate asbestos ($K) __$500K*_____. Are asbestos survey costs based on encapsulation, removal or a combination of both?

ASBESTOS SURVEY COSTS ARE BASED ON O&M, REPAIR, ENCLOSURE, ENCAPSULATION, AND/OR REMOVAL, WHICHEVER IS MOST APPROPRIATE FOR THE FACILITY SURVEYED.

***$500K HAS BEEN IDENTIFIED TO REMEDIATE ASBESTOS IN THE 95 BUILDINGS SURVEYED TO DATE.**

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

Funding Source	FY92	FY1993	FY94	FY95	FY96	FY97	FY98/99	FY00/01
O&MN								
HA								
PA								

Funding Source	FY92	FY1993	FY94	FY95	FY96	FY97	FY98/99	FY00/01
Other O&MN/ O&MMC (specify)								
O&MMC-LOCAL								
ENV-LABOR/TAD	107	252	322	329	335	343	708	741
ENV - PERMITS	1	2	2	1	1	2	2	3
ENV - FEES	1	1	3	7	7	7	13	13
NATURAL RESOURCES LABOR/TAD/MATL	130	155	147	190	195	200	410	440
O&MMC - CENTRAL	412	478	634	716	736	736	1,426	1,472
ENV	0	0	70	70	70	70	0	0
COMPLIANCE	0	0	10	50	50	50	100	100
ACHAEOLOGICAL	0	0	75	75	75	75	150	150
ESA								
EOD								
TOTAL	651	888	1263	1438	1469	1483	2809	2919

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

IN GENERAL, EXPANDING ENVIRONMENTAL REGULATIONS (AIR/WATER QUALITY, HAZARDOUS WASTE, UST/IR PROGRAMS, ETC.) COULD IMPACT BASE OPERATIONS/DEVELOPMENT THROUGH INCREASED REGULATORY OVERSIGHT, PERMIT APPROVALS, FACILITY MODIFICATIONS (AIR/WATER EMISSIONS), ETC. THIS COULD CAUSE MAJOR INCREASES IN OVERALL ENVIRONMENTAL COMPLIANCE COSTS.

7. INSTALLATION RESTORATION

7a.

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

*NPL WITH A SIGNED FFA

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
01-FLIGHT-LINE	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI
02-SHOPS AREAS	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI
03-AUTO HOBBY SHOP	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI
04-RADAR HILL DISPOSAL AREA	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI

05-OLD 2ND LAAMBN COMPOUND	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	*Cost to Complete ($M)/**Est. Compl. Date	Status[2]/Comments
06-FIRST SEWAGE TREAT-MENT LAGOON	CER-CLA	NOT AT THIS TIME	NO	NO	8.373M	RI
07-FIRE SCHOOL (OLD TRAINING AREA)	CER-CLA	LOW LEVEL SEE 7d.	NO	NO	$8.373M	RI--NO CONTAMINATION DETECTED OFF-SITE
08-SOUTHEAST STATION LANDFILL	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI
09-SOUTHEAST SEWAGE LAGOON	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI

'10- ORDNANCE AREA DISPOSAL SITES	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	*Cost to Complete ($M)/**Est. Compl. Date	Status[2]/Comments
11-RADIATION BURIAL PIPE	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI--PURSUING DECISION DOCUMENT TO CLOSE OUT
12-TEAR GAS BURIAL SITE	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI
13-MWWU DRAIN FIELD	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI--NO CONTAMINATION DETECTED OFF SITE
14-LAGOON SOUTH OF BLD 97	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI--NO CONTAMINATION DETECTED OFF SITE

15-LUST #363&#364 (HW)	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI-NO CONTAMINATION DETECTED OFF SITE
Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	*Cost to Complete ($M)/**Est. Compl. Date	Status[2]/Comments
16-LUST (HW)BLDG 230,#2&#4	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI-NO CONTAMINATION DETECTED OFF SITE
17-LUST BLDG 1708 #3	CER-CLA	POSSIBLE SEE 7d.	NO	NO	$8.373M	RI-NO CONTAMINATION DETECTED OFF SITE

18-DRUM STORAGE AREA	CER-CLA	NOT AT THIS TIME	NO	NO	$8.373M	RI

SEE ATTACHMENT THREE (MAP) FOR SITE LOCATIONS

*PCR DATED 27 JUL 93 IS SOURCE OF COST COMPLETION FIGURES

**SITE CLEANUP WILL NOT OCCUR UNTIL AFTER THE YEAR 2000

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

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

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/NO
Is there a groundwater treatment system planned?	YES/NO

State scope and expected length of pump and treat operation.

SITES 7,9,13,14,15,16, AND 17 MAY REQUIRE GROUNDWATER TREATMENT. IRP HAS NOT PROGRESSED TO A POINT WHERE DEFINITE INVESTIGATIVE DATA IS AVAILABLE TO DEVELOP TREATMENT SCOPES AND TIME LENGTHS. IRP IS IN INITIAL RI/FS PHASES. THERE ARE THREE FREE PRODUCT REMOVAL SYSTEMS ON BASE AS PART OF THE UST PROGRAM FUNDED UNDER DERA (NOT IRP).

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES*/NO

***CURRENTLY ONGOING AS PART OF IRP.**

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

A TOTAL OF 6,800 SQ FT OF STORAGE EXISTS IN TWO BUILDINGS WHICH CONFORM TO

SPECS FOR STORAGE OF HAZMAT. RESTRICTIONS: NONE,. PERMITS: NONE REQUIRED.

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

YES, THERE ARE THREE TEMPORARY METAL MODULES WITH INTERNAL SECONDARY CONTAINMENT. CAPACITY IS 54 (55 GAL) DRUMS. HAZARDOUS WASTE CAN BE STORED THERE NOT TO EXCEED 1-YEAR. THE YARD IS REGULATED UNDER A RCRA INTERIM STATUS PERMIT, WITH A PART B FINAL STORAGE PERMIT AT ADEQ FOR APPROVAL.

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.
BLDG #690 MCX GAS STATION HAS TWO LUSTS WITH SOILS AND GROUNDWATER CONTAMINATION. A COMPLETE SITE ASSESSMENT HAS NOT BEEN COMPLETED YET BUT SOILS/GROUNDWATER CLEAN UP WILL PROBABLY BE REQUIRED.

7i.

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

K

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

THE ONLY RESTRICTIONS TO DATE HAVE BEEN DELAYS IN PREVIOUSLY APPROVED AND FUNDED PROJECTS THAT DID NOT INCLUDE ENVIRONMENTAL SAMPLING AND ANALYSIS. THE PROTECTION OF HUMAN HEALTH AND SAFETY AND THE PROPER DISPOSAL OF WASTE MATERIALS DEPENDS UPON SAMPLING AND ANALYSIS.

FUTURE PROJECTS WILL BE AFFECTED. PROPOSED MILCON CONSTRUCTION PROJECTS LOCATED ON IRP CAOC'S ARE, BY POLICY, REQUIRED TO REMEDIATE ADVERSE ENVIRONMENTAL CONDITIONS PRIOR TO CONSTRUCTION.

MILCON PROJECT P-442 (HANGAR) DESIGN AND CONSTRUCTION MAY BE AFFECTED BY THE REMEDIATION REQUIREMENTS AT CAOCS 1 AND 14.

Note: The following are examples of projects that were impacted or involved mitigation actions. Discuss specific project changes/mitigations as a result of the IR site.

(1) Electrical Distribution Repairs Phase I - Impact involved sampling areas of proposed construction by A/E on IRP/CAOCs. Samples indicated contamination at one site (Benzene at CSSD-16 compound). Delayed design by approximately 120 days (finding funds, preparing A/E scope of work, contract modification).

(2) Airfield Apron Joint/Spall Repair - All of flightline area on IRP/CAOC#1. As such, impact same as for Elect Phase I above. A/E sampled proposed repair areas to characterize potential future construction debris (removed concrete, soils, etc.) as hazardous waste. Only one area showed Benzene/Toluene due to fuel spillage, which would be a special waste. A/E developed sampling & waste handling plans for this characterization work. A/E changed NFGS 01560 to account for work on IRP/CAOC#1. These design changes delayed the final design by approximately 300 days.

(3) Gasoline Distribution Repairs - Impact similar to above two projects except no contamination detected. Delayed A/E design by 90-120 days.

(4) Fire Protection Upgrades in Buildings #228, 633, and 1051. Impact similar to Elect Distn. Repairs Phase I except no contamination found. Delayed A/E by 90 - 120 days.

(5) Flight Line Building #102 - Building #102 is on IRP/CAOC #1 site. To avoid contamination, changed building foundation design and subgrade piping layout to minimize disrupting soils and isolate internal building envelope from potential soils contamination (plastic liner below foundation with no excavation into subgrade soils.) Impact also involved developing correct NEPA documentation to account for IRP issues and construction changes.

(6) New Hangar (P-442) - This MCON project overlays two CAOCs with this area containing surface asbestos contamination. This area may involve groundwater treatment due to IRP impacts (past fire fighting training areas, etc.). As such, this project may require site remediation prior to MCON activity if contamination is detected near surface, in ground water, etc. Remedial Investigation nearing completion. Feasibility Study is proposed for completion in May 95. Decisions on remediation will be determined by early summer of 1995; however, preliminary data indicates very minor remediation required for these areas.

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

HAZARDOUS WASTE TREATMENT FACILITY-OPEN BURN/OPEN DEMOLITION (OBOD) AREA LOCATED NEAR AUX 2 AIRFIELD.

CAPACITY - 3000 LBS PER EVENT.

RESTRICTIONS AND PERMIT CONDITIONS-RCRA INTERIM STATUS PART "B".

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

THE ONLY RESTRICTIONS TO DATE HAVE BEEN DELAYS IN PREVIOUSLY APPROVED AND FUNDED PROJECTS THAT DID NOT INCLUDE ENVIRONMENTAL SAMPLING AND ANALYSIS. THE PROTECTION OF HUMAN HEALTH AND SAFETY AND THE PROPER DISPOSAL OF WASTE MATERIALS DEPENDS UPON SAMPLING AND ANALYSIS.

FUTURE PROJECTS WILL BE AFFECTED. PROPOSED MILCON CONSTRUCTION PROJECTS LOCATED ON IRP COAC'S ARE, BY POLICY, REQUIRED TO REMEDIATE ADVERSE ENVIRONMENTAL CONDITIONS PRIOR TO CONSTRUCTION.

MILCON PROJECT P-442 (HANGAR) DESIGN AND CONSTRUCTION MAY BE AFFECTED BY THE REMEDIATION REQUIREMENTS AT COACS 1 AND 14.

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

HAZARDOUS WASTE TREATMENT FACILITY-OPEN BURN/OPEN DEMOLITION (OBOD) AREA LOCATED NEAR AUX 2 AIRFIELD.

CAPACITY - 3000 LBS PER EVENT.

RESTRICTIONS AND PERMIT CONDITIONS-RCRA INTERIM STATUS PART "B".

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	3088.00	YUMA, AZ
OFF BASE HOUSING	23.00	YUMA, AZ
AUX 2 AIRFIELD	103.00	BARRY GOLDWATER RANGE
SPECIAL WEAPONS RANGE	.09	BARRY GOLDWATER RANGE
CHOCOLATE MOUNTAINS GUNNERY RANGE	459,506.00	IMPERIAL COUNTY, CA
DESERT TRAINING SITE	164.00	BARRY GOLDWATER RANGE
SMALL ARMS RANGE	.02	BARRY GOLDWATER RANGE
MARTINEZ LAKE	13.OO	MARTINEZ LAKE , AZ
REMOTE RANGE - BARRY M. GOLDWATER AIR FORCE RANGE	774,400	SOUTHWEST ARIZONA*

*THE GOLDWATER RANGE IS NOT "NAVY CONTROLLED PROPERTY;" HOWEVER, MCAS YUMA DOES SCHEDULE USE AND IS RESPONSIBLE FOR RESOURCE MANAGEMENT ON THE WESTERN 774,400 ACRES OF THE RANGE.

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.)		1011
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 0
		All Others: 170,000
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		1,065,858
Total Undeveloped land considered to be without development constraints		243
Total Off-base lands held for easements/lease for specific purposes		263
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	380
	HERF	N/A
	HERP	N/A
	HERO	0
	AICUZ	98
	Airfield Safety Criteria	1,474
	Other	1,063,906

*THE ACREAGE COVERED BY ESQD ARCS ALSO APPLIES TO HERO.

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. 1,233,906*

*CHOCOLATE MTN AERIAL GUNNERY RANGE AND BARRY M. GOLDWATER AIR FORCE RANGE

8d. What is the date of your last AICUZ update? 07 / 00 /81 Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

THE LAST AICUZ UPDATE WAS JULY 81. PER CMC LTR 11000 LFL/F-055 OF 29 MAR 94 THE REQUIREMENT FOR A CURRENT COMPREHENSIVE AICUZ STUDY FOR ALL OF MCASY EXIST. CMC EXPECTS THAT THE COMPREHENSIVE AICUZ STUDY WILL BEGIN IMMEDIATELY FOLLOWING THE BRAC PROCESS IN SEP 95. COMPLETION IS EXPECTED BY THE END OF MAR 97.

ATTACHMENT FOUR IS A LIST OF ALL CURRENT WAIVERS.

CMC LTR 11000 LFL/F500 OF 31 MAY 94 APPROVED THE AICUZ STUDY FOR AUX 2. IT REAFFIRMED THAT A COMPREHENSIVE AICUZ FOR ALL OF MCAS YUMA WILL BEGIN IN SEP 95 WITH A COMPLETION DEADLINE OF 31 MAR 97.

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
722	2	RESIDENT	INCOMPAT
15,392	2	AGRICULT	COMPAT
2550	2	INDUST	COMPAT
2077	3	RESIDENT	INCOMPAT
25,061	3	AGRICULT	COMPAT
1351	3	INDUST	COMPAT

*THE ACREAGE IS LOCATED EAST, WEST, AND SOUTH OF THE AIR STATION BOUNDARY.

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.

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

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

N/A

8h.

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

8.i. 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.	YES/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.

THE AREA IMPACTED IS LOCATED IN ARIZONA ON THE BARRY M. GOLDWATER RANGE. 191,500 ACRES DESIGNATED AS ACEC (AREAS OF CRITICAL ENVIRONMENTAL CONCERN) BY BLM BECAUSE OF THE UNIQUENESS OF THE ECO-SYSTEM. NO SPECIFIC SPECIES IDENTIFIED IN THE HABITAT. THIS DOES NOT AFFECT MARINE CORPS ABILITY TO PERFORM THE MISSION BECAUSE WE DO VERY LIMITED GROUND OPERATIONS ON THAT RANGE.

9. WRAPUP

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

NO. THERE ARE THE USUAL ENVIRONMENTAL CONCERNS FOR FEDERAL INSTALLATIONS, NONE OF WHICH SHOULD BE CHARACTERIZED AS "SHOW-STOPPERS."

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

NO

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

THE STATE OF ARIZONA HAS A HYBRID CATEGORY FOR MATERIALS NOT CLASSIFIED OR TREATED AS HAZARDOUS, BUT THAT POSE UNIQUE ENVIRONMENTAL CONCERNS. THE CATEGORY IS DEFINED AS SPECIAL WASTE. PETROLEUM CONTAMINATED SOIL IS LISTED AS SPECIAL WASTE. RESTRICTIONS IN THIS HYBRID CATEGORY ARE MUCH LESS ONEROUS THAN HAZARDOUS WASTE RESTRICTIONS.

THE FISH AND WILDLIFE SERVICE PROPOSES TO LIST THE FLAT-TAILED HORNED LIZARD AS A THREATENED SPECIES PURSUANT TO THE ENDANGERED SPECIES ACT OF 1973. A LIMITED PORTION OF THIS SPECIES' HABITAT IS LOCATED AT THE SOUTHWEST END OF THE BARRY M. GOLDWATER RANGE WHICH IS USED PERIODICALLY BY GROUND UNITS OF MCAS YUMA, AND VERY INTENSIVELY BY THE U.S. BORDER PATROL TO TRACK AND INTERCEPT ILLEGAL ALIENS. CURRENT STATE LISTS IN ARIZONA MAY BE AFFECTED.

SCRUTINY OF THE EFFECT OF OVERFLIGHTS OF THE CABEZA PRIETA NATIONAL WILDLIFE REFUGE ON INDIGENOUS SPECIES IN THE REFUGE HAS LED TO THE NEGOTIATION OF A MEMORANDUM OF UNDERSTANDING BETWEEN THE USER DEPARTMENT OF DEFENSE AGENCIES INCLUDING THE UNITED STATES MARINE CORPS, AND THE FISH AND WILDLIFE SERVICE. THOSE NEGOTIATIONS ARE ONGOING, AND GEARED TO RESULT IN A MUTUALLY BENEFICIAL AGREEMENT FOR DOD AND THE FISH AND WILDLIFE SERVICE, ALLOWING CONTINUED MILITARY USE WITH SOME RESTRICTIONS.

THERE REMAINS THE STANDARD ISSUE FACED BY MOST MILITARY INSTALLATIONS, PARTICULARLY AVIATION INSTALLATIONS REGARDING ENCROACHMENT AND ZONING, ALTHOUGH COMMUNITY SUPPORT IS HIGH AND THE STATION'S INTEREST ARE SUPPORTED BY, AND IN SOME INSTANCES COINCIDE WITH THOSE OF THE LOCAL MUNICIPALITY.

THE MILCON P-481 ACQUISITION WOULD ADD AN AREA SOUTH OF AND ADJACENT TO MCASY APPROXIMATELY 2-1/2 SQUARE MILES (1640 ACRES). THIS PRESENTS NO ENVIRONMENTAL COMPLIANCE PROBLEMS, ON THE CONTRARY, IT IS A GREAT EXPANSION OPPORTUNITY THAT SHOULD IMPROVE THE BASE POSTURE ALONG WITH POTENTIAL FOR EXPANSION (FACILITIES). THIS ACQUISITION WOULD PRECLUDE ENCROACHMENT SOUTH OF MCASY.

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

REDUCED DERA FUNDING FOR FUTURE YEARS WILL SLOW IRP PROCESS THAT MAY DELAY CLEAN-UP OF CERCLA AREAS OF CONCERN (SITES LISTED IN QUESTION 7b) AND RESULTANT RELEASE OF THOSE AREAS FOR OTHER DEVELOPMENT (SPECIAL PROJECTS, MILCON, ETC.)

IN GENERAL, EXPANDING ENVIRONMENTAL REGULATIONS (AIR&WATER QUALITY, HAZARDOUS WASTE, UST/IR PROGRAMS, ETC.) COULD IMPACT BASE OPERATIONS/DEVELOPMENT THROUGH INCREASED REGULATORY OVERSIGHT. PERMIT APPROVALS, FACILITY MODIFICATIONS (AIR/WATER EMISSIONS), ETC. THIS COULD CAUSE AN INCREASE IN OVERALL ENVIRONMENTAL COMPLIANCE COSTS.

ATTACHMENT TWO (QUESTION 6A)

PROGRAM DESCRIPTION	YEAR REQ	$000/ PROJ COST	ESTIM START	ESTIM COMPLE
AIR				
AIR PERMIT/FEES	1994	1	OCT 1, 93	SEP 30, 94
AIR PERMIT/FEES	1995	1	OCT 1, 94	SEP 30, 95
AIR PERMIT/FEES	1997	1	OCT 1, 96	SEP 30, 97
AIR PERMIT/FEES	1999	1	OCT 1, 98	SEP 30, 99
AIR PERMIT/FEES	2001	1	OCT 1, 00	SEP 30, 01
SOIL REMEDIATION	1994	48	MAR 30, 94	APR 14, 94
PM10 CONTROLS	1994	100	JUN 1, 94	SEP 30, 94
PM10 CONTROLS	1995	120	DEC 30, 94	SEP 30, 95
PM10 CONTROLS	1997	140	DEC 30, 96	SEP 30, 97
PM10 CONTROLS	1999	140	DEC 30, 98	SEP 30, 99
PM10 CONTROLS	2001	140	DEC 30, 00	SEP 30, 01
HAZARDOUS WASTE				
HW GENERATION FEES	1994	1	OCT 1, 93	SEP 30, 94
HW GENERATION FEES	1995	1	OCT 1, 94	SEP 30, 95
HW GENERATION FEES	1997	1	OCT 1, 96	SEP 30, 97
HW GENERATION FEES	1999	1	OCT 1, 98	SEP 30, 99
HW GENERATION FEES	2001	1	OCT 1, 00	SEP 30, 01
FUEL FARM SPILL EQUIP	1994	25	APR 1, 94	SEP 30, 94
SPILL CONTIN PLAN	1994	75	APR 11, 94	SEP 30, 94
HAZ WASTE DISPOSAL	1994	202	OCT 1, 93	SEP 30, 94
HAZ WASTE DISPOSAL	1995	250	OCT 1, 94	SEP 30, 95
HAZ WASTE DISPOSAL	1997	250	OCT 1, 96	SEP 30, 97
HAZ WASTE DISPOSAL	1999	250	OCT 1, 98	SEP 30, 99
HAZ WASTE DISPOSAL	2001	250	OCT 1, 00	SEP 30, 01
HAZ WASTE MINIMIZ	1995	121	DEC 1. 94	SEP 30. 95
HW STREAM ANALYSIS	1994	107	JUN 1, 94	SEP 30, 94
HW STREAM ANALYSIS	1995	100	DEC 1, 94	SEP 30, 95
HW STREAM ANALYSIS	1997	100	DEC 1, 96	SEP 30, 97
HW STREAM ANALYSIS	1999	100	DEC 1, 98	SEP 30, 99
HW STREAM ANALYSIS	2001	100	DEC 1, 00	SEP 30, 01
HAZ WASTE RESPONSE	1994	41	OCT 1, 93	SEP 30, 94
HAZ WASTE RESPONSE	1995	60	OCT 1, 94	SEP 30, 95
HAZ WASTE RESPONSE	1997	60	OCT 1, 96	SEP 30, 97
HAZ WASTE RESPONSE	1999	60	OCT 1, 98	SEP 30, 99
HAZ WASTE RESPONSE	2001	60	OCT 1, 00	SEP 30, 01
SOIL SAMP ANALYSIS	1994	100	OCT 1, 93	SEP 30, 94
SOIL SAMP ANALYSIS	1995	100	OCT 1, 94	SEP 30, 95
SOIL SAMP ANALYSIS	1997	100	OCT 1, 96	SEP 30, 97

PROGRAM DESCRIPTION	YEAR REQ	$000/ PROJ COST	ESTIM START	ESTIM COMPLE
SOIL SAMP ANALYSIS	1999	100	OCT 1, 98	SEP 30, 99
SOIL SAMP ANALYSIS	2001	100	OCT 1, 00	SEP 30, 01
HW/ENV COMPLI TRNG	1994	33	OCT 1, 93	SEP 30, 94
HW/ENV COMPLI TRNG	1995	35	OCT 1, 94	SEP 30, 95
HW/ENV COMPLI TRNG	1997	35	OCT 1, 96	SEP 30, 97
HW/ENV COMPLI TRNG	1999	35	OCT 1, 98	SEP 30, 99
HW/ENV COMPLI TRNG	2001	35	OCT 1, 00	SEP 30, 01
SAFE DRINKING WATER ACT				
DRINKING WTR ANALYSIS	1994	28	OCT 1, 93	SEP 30, 94
BACKFLOW PREVENT	1994	75	MAY 30, 94	SEP 30, 94
PCB'S				
REPL PCB TRANSFORMS	1997	989	DEC 1, 96	SEP 30, 97
PHASE I A/C REPL	1997	2608	DEC 1, 97	SEP 30, 97
PHASE II A/C REPL	1998	2916	DEC 1, 98	SEP 30, 98
PHASE III A/C REPL	1999	2765	DEC 1, 99	SEP 30, 99
CLEAN WATER ACT				
UPGRADE OIL-WTR SEP	1995	3287	DEC 1, 94	SEP 30, 95
REPL OWS FUEL FARM	1995	145	DEC 1, 94	SEP 30, 95
WASTEWTR PERMIT FEE	1994	1	OCT 1, 93	SEP 30, 94
WASTEWTR PERMIT FEE	1997	1	OCT 1, 96	SEP 30, 97
INDUST DISCH FEE	1994	1	OCT 1, 93	SEP 30, 94
INDUST DISCH FEE	1995	1	OCT 1, 94	SEP 30, 95
INDUST DISCH FEE	1996	1	OCT 1, 95	SEP 30, 96
INDUST DISCH FEE	1997	1	OCT 1, 96	SEP 30, 97
INDUST DISCH FEE	1998	1	OCT 1, 97	SEP 30, 98
INDUST DISCH FEE	1999	1	OCT 1, 98	SEP 30, 99
INDUST DISCH FEE	2000	1	OCT 1, 99	SEP 30, 00
INDUST DISCH FEE	2001	1	OCT 1, 00	SEP 30, 01
UNDERGROUND STORAGE TANKS				
ANNUAL UST FEE	1994	3	OCT 1, 93	SEP 30, 94
ANNUAL UST FEE	1995	3	OCT 1, 94	SEP 30, 95
ANNUAL UST FEE	1996	3	OCT 1, 95	SEP 30, 96
ANNUAL UST FEE	1997	3	OCT 1, 96	SEP 30, 97
ANNUAL UST FEE	1998	3	OCT 1, 97	SEP 30, 98
ANNUAL UST FEE	1999	3	OCT 1, 98	SEP 30, 99
ANNUAL UST FEE	2000	3	OCT 1, 99	SEP 30, 00
ANNUAL UST FEE	2001	3	OCT 1, 00	SEP 30, 01
EMERGEN UST REM	1994	125	MAR 15, 94	DEC 31, 94
UST MGT PLAN	1994	15	JAN 20, 94	SEP 30, 94

PROGRAM DESCRIPTION	YEAR REQ	$000/ PROJ COST	ESTIM START	ESTIM COMPLE
UST PRECIS TESTING	1994	52	DEC 1, 93	SEP 30, 94
UST PRECIS TESTING	1995	60	DEC 1, 94	SEP 30, 95
UST PRECIS TESTING	1997	60	DEC 1, 96	SEP 30, 97
UST PRECIS TESTING	1999	60	DEC 1, 98	SEP 30, 99
UST PRECIS TESTING	2001	60	DEC 1, 00	SEP 30, 01
OTHER				
EOD CONTAIN AREA	1997	122	DEC 1, 96	SEP 30, 97
NOISE MONITOR SYS	1997	100	DEC 1, 96	SEP 30, 97

ATTACHMENT FOUR (QUESTION 8d.)

WAIVERS IN EFFECT AT MCAS YUMA

WAIVER NO	DESCRIPTION OF WAIVER
1	PROVIDE ONLY STANDARD PRIMARY R/W 3-21 90.5 0/0 WIND COVERAGE OMIT CROSSWIND R/W REQUIREMENT
3	TO PERMIT CONSTRUCTION OF PROPOSED BUILDING 18' HIGH, LOCATED APPROX 840' FROM THE CENTERLINE OF R/W 17-35 WHICH PENETRATES THE 7:1 LATERAL CLEARANCE OF R/W 8-26 BY APPROXIMATELY 5'.
4	TO PERMIT THE ILS (INSTRUMENT LANDING SYSTEM) EQUIPMENT TO REMAIN INSIDE THE PRIMARY SURFACE OF R/W 3L-21R.
6	TO PERMIT EXISTENCE OF A R/W ALERT VEHICLE SUNSHADE 1,290' INBOARD FROM THE THRESHOLD OF R/W 21R AND 322' NORTHWEST OF CENTERLINE.
7	TO PERMIT A 7.5' HIGH SECURITY PERIMETER FENCE TO VIOLATE THE TYPE I CLEAR ZONE AT THE R/W 8 AND R/W 17 END. THE FENCE IS LOCATED 440' AND 520' RESPECTIVELY OUTBOARD THE R/W 8 AND R/W 17 ENDS.
8	TO PERMIT THE AN-FRN 63 RADAR TO BE LOCATED IN THE PRIMARY SURFACE OF R/W 3L-21R, THE CONTROL TOWER TO VIOLATE THE TRANSITIONAL SURFACE OF R/W 3L-21R AND THE TACAN TO VIOLATE THE TYPE I CLEAR ZONE AT THE END OF R/W 3R.
10	TO ALLOW PORTIONS OF THE CLEAR ZONES AT THE ENDS OF R/Ws 17-35 AND 8-26 WHICH ARE OUTSIDE THE MCAS YUMA'S STATION BOUNDARY TO BE IN ACCORDANCE WITH FAA CRITERIA FOR NON-PRECISION APPROACH UTILITY R/Ws. THE PORTIONS OF THE R/Ws 17-35 AND 8-26 CLEAR ZONES, WHICH ARE WITHIN STATION BOUNDARIES, SHOULD CONTINUE TO BE IN ACCORDANCE WITH NAVY/MARINE CORPS CRITERIA.

WAIVERS IN EFFECT AT MCAS YUMA

WAIVER NO	DESCRIPTION OF WAIVER
12	TO PERMIT TEMPORARY OBSTRUCTIONS IN THE TYPE III CLEAR ZONE AT THE END OF R/W 21L EACH YEAR FOR ANNUAL COUNTY FAIR.
13T	TO PERMIT PARKING OF CIVILIAN AIRCRAFT ON THE PRIMARY SURFACE OF R/W 8-26 TERMINATES 31 DECEMBER 2004.
14	TO PERMIT FAA ILS EQUIPMENT TO BE LOCATED INSIDE THE PRIMARY SURFACE OF R/W 3L-21R.
16	TO PERMIT A) TEN AIRCRAFT SUNSHADES TO BE PLACED ON THE FLIGHT LINE AND B) A SUNSHADE OVER THE MOBILE OUT OF FRAME JET ENGINE TEST FACILITY.
17	TO ALLOW THE RETENTION OF A PARK IN THE TYPE III CLEAR ZONE OF R/W 21R.
20	TO PERMIT TWO BILLBOARDS TO ENTER INTO APPROACH DEPARTURE CLEARANCE SURFACE FOR R/W 26.
22	TO PERMIT A TWELVE FOOT WINDCONE IN THE PRIMARY SURFACE OF R/W 17-35.
23	TO PERMIT A TWELVE FOOT WINDCONE IN THE PRIMARY SURFACE OF R/W 8-26.
24	TO PERMIT PRECISION APPROACH PATH INDICATORS TO BE INSTALLED IN THE PRIMARY SURFACE OF R/W 8-26.
25	TO ALLOW THE AN/TPN-30 MICROWAVE LANDING SYSTEM INSIDE THE PRIMARY SURFACE OF R/W 3L, SO LONG AS THERE IS NO PERIOD GREATER THAN FIVE MONTHS IN WHICH THE EQUIPMENT IS NOT USED FOR TRAINING.
30T	PERMIT USING T/W A AS A PARKING APRON FROM 10 FEB THROUGH 20 APR AND FROM 10 SEP THROUGH 20 NOV 94.

WAIVERS IN EFFECT AT MCAS YUMA

WAIVER NO	DESCRIPTION OF WAIVER
31	PERMIT MATCS-38 DET A EXPEDITIONARY EQUIPMENT TO BE LOCATED IN PRIMARY SURFACE OF RW 3L/21R.
32	PERMIT PAINTING MARKINGS ON TW E THAT SIMULATE A ROADWAY.

BRAC-95 CERTIFICATION

BRAC 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

W. H. HANSEN, Col, U.S.M.C.
NAME (Please type or print)

Signature

Commanding Officer
Title

3 Jun 94
Date

MCAS YUMA
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

MajGen P. D. WILLIAMS
NAME (Please type or print)

Signature

Commander
Title

8 Jun 94
Date

Marine Corps Air Bases, Western Area
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print) _____ Signature _____

Title _____ Date 8/29/94

MCAS YUMA DATA CALL 33 PAGE CHANGES

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

NAME (Please type of print

Signature

Title

Date 4/7/94

BRAC-95 CERTIFICATION

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

DATA CALL: 33

ACTIVITY: MCAS YUMA

PAGE (S): 8, 8a, 9, 13, 29, 29a

BSWG REVIEW OFFICIAL

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

MAJOR, LONG RANGE LAND USE PLANNER
Title

G W Moore
Signature

4 NOV 94
Date

BRAC-95 CERTIFICATION

Data Call #33 -- Clarification

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

T. A. MANFREDI

Name (Please type or print)

Signature

Management Assistance Officer/
BRAC Primary POC

Title

2 November 1994

Date

Division

Department

Marine Corps Air Station, Yuma, Arizona

Activity