



UNITED STATES MARINE CORPS  
MARINE CORPS AIR STATION  
BOX 99100  
YUMA, ARIZONA 85369-9100

StaO 8020.1C  
3ED1  
07 MAY 1997

STATION ORDER 8020.1C

From: Commanding Officer  
To: Distribution List

Subj: COMBAT AIRCRAFT LOADING AREA (CALA)

Ref: (a) NAVSEA OP 5, Volume 1, Sixth Revision  
(b) NAVAIR 00-80T-103  
(c) NAVSEA OP 3565/NAVAIR 16-2-519  
(d) StaO P8020.3F  
(e) StaO 8020.4  
(f) StaO 3440.2F

Encl: (1) Combat Aircraft Loading Area (CALA) Diagram

1. Purpose. To publish instructions and procedures for the safe and secure operational use of the Combat Aircraft Loading Area, consisting of 22 numbered loading pads and a control building (1579).

2. Cancellation. StaO 8020.1B.

3. Discussion. References (a) through (f) regulate the use of the ordnance loading, storage and handling areas, and delineate safety procedures aboard this installation. It is imperative that all personnel involved in ordnance operations be in compliance with the following guidelines:

a. All high explosive ordnance Class 1.1 or 1.2 must be loaded/downloaded in the CALA. Class 1.1 ordnance consists of mass detonation weapons such as Mark 80 series bombs, rockets/missiles fitted with high explosive heads, and CBU's. Class 1.2 ordnance consists of weapons which explode with fragments such as anti-personnel weapons and white phosphorous. Class 1.3 (mass fire) and Class 1.4 (moderate fire) explosive weapons (such as rockets and missiles with inert warheads, chaff and decoy flares, signal cartridges, parachute flares, training projectile ammunition for guns and small arms ammunition) are not required to be loaded in the CALA.

b. All aircraft gun jams/malfunctions will be safed and cleared in the arm/dearm areas. If they cannot be cleared, the aircraft will be directed to the CALA and parked in a safe direction for further appropriate action.

c. Aircraft will be moved to the CALA no sooner than 4 hours prior to launch unless prior arrangements are coordinated with Explosive Safety.

d. Aircraft may be towed or taxied to and from the CALA. Ensure that Flight Clearance or Ground Control are notified prior to any aircraft movement.

e. During times of heavy CALA usage, if the possibility exists that aircraft will go beyond the end of the scheduled time for launch, contact Explosive Safety for a time extension.

f. All hung and unexpended Class 1.1 and 1.2 ordnance must be down-loaded in the CALA.

g. Fueling of aircraft and ground support equipment is permitted in the CALA. The loading or down-loading of ordnance and fueling of aircraft will not be done simultaneously. Fueling can be done on loaded aircraft.

h. Only essential personnel involved in the loading/down-loading and launch/recovery of aircraft will be authorized in the CALA during ordnance evolutions.

i. Aircraft maintenance will be limited to preflight/post flight servicing. Minor unscheduled maintenance may be accomplished with approval from Explosive Safety.

j. Movement of aircraft and equipment to and from the CALA is the responsibility of the using unit.

k. Transportation of personnel to and from the CALA will be provided by the using unit.

l. The using unit is responsible for coordination of ground support equipment (GSE) requirements for operations in the CALA.

m. Parking of privately owned vehicles (POVs) or individual rental cars within the CALA explosive safety arcs is prohibited. POVs may be parked on Parks Avenue outside the security fence. Rental vans used to transport maintenance personnel and flight crews are permitted to park at the CALA building but are not permitted on the aircraft apron.

n. Explosive cargo carrying aircraft will have priority in the CALA for loading/unloading.

o. The parking of transient aircraft in the CALA is prohibited unless prior coordination has been accomplished with Explosive Safety.

4. Action. The following actions are required by those designated:

a. Ordnance Officers of all tenant/deployed units are responsible for the following:

(1) Request use of the CALA from Explosive Safety by phone at least 24 hours prior to date of use.

(2) Contact Explosive Safety as soon as possible of any cancellation or changes to the CALA request.

(3) Ensure that aircraft are parked in the spaces assigned to your unit.

(4) Assign a certified/qualified safety observer and quality assurance for ordnance evolutions.

(5) Conduct a foreign object debris (FOD) walk-down prior to, and after loading operations.

(6) If work space or access to the CALA building is needed, check out the key from Explosive Safety.

(7) Ensure that personnel field day the CALA building upon completion of use.

**07 MAY 1997**

(8) The total Net Explosive Weight (NEW) for individual loading pads shall not exceed 1,728 lbs (approx. 9 Mk 82s) unless adjacent pads are not being utilized for ordnance. Refer to reference (a) for proper quantity distances between loaded aircraft.

b. The Explosive Safety Department is responsible for the following:

(1) Screen and coordinate the dates and times requested. Should conflicting requests be received, all attempts to resolve the conflict with requesters will be made.

(2) Conduct periodic monitoring of ordnance related operations in and around the CALA to ensure compliance with references (a) through (f) and other orders that may apply.

(3) Conduct an explosives safety brief for all transient units prior to the issue of munitions or the beginning of ordnance operations.

(4) Issue keys for the CALA building if requested.

(5) Monitor the facilities to ensure they meet the criteria for vegetation control.

(6) Submit work requests for upkeep and repair as needed to the Facilities Maintenance Department and monitor follow-ups.

(7) Ensure fire fighting equipment is available and inspected on a scheduled basis by the Fire Department.

(8) Coordinate the use of the CALA by non-ordnance related units such as Visiting Aircraft Line, Military Police, Medical Department, Yuma Police Department, Yuma Fire Department, Yuma County Sheriff's Department, Arizona Western College Law Enforcement Training and USAF TALCE Units. Explosives operations will always have priority.

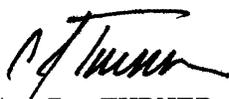
c. Crash Fire Rescue (CFR) will ensure that the training fire pit is not utilized while there is ordnance in the CALA. CFR will coordinate with Explosive Safety for training fires.

**07 MAY 1997**

d. Hazards of Electromagnetic Radiation to Ordnance (HERO) may accidentally actuate electroexplosive devices (EEDs) or otherwise activate electrically initiated ordnance due to radio-frequency (RF) electromagnetic fields. All RF transmitting devices shall be regulated as per references (e) and (f) and the MCAS Radiation Hazards (RADHAZ) Survey (HERO can be set by notifying the RADHAZ Officer or the Operations Duty Officer).

5. Concurrence. The Commanding Officers of MAG-13, 1ST LAAM BN, MACS-7, VMFT-401, MWSS-371, MAWTS-1, and CSSD-16 concur and make this Directive applicable to their respective commands.

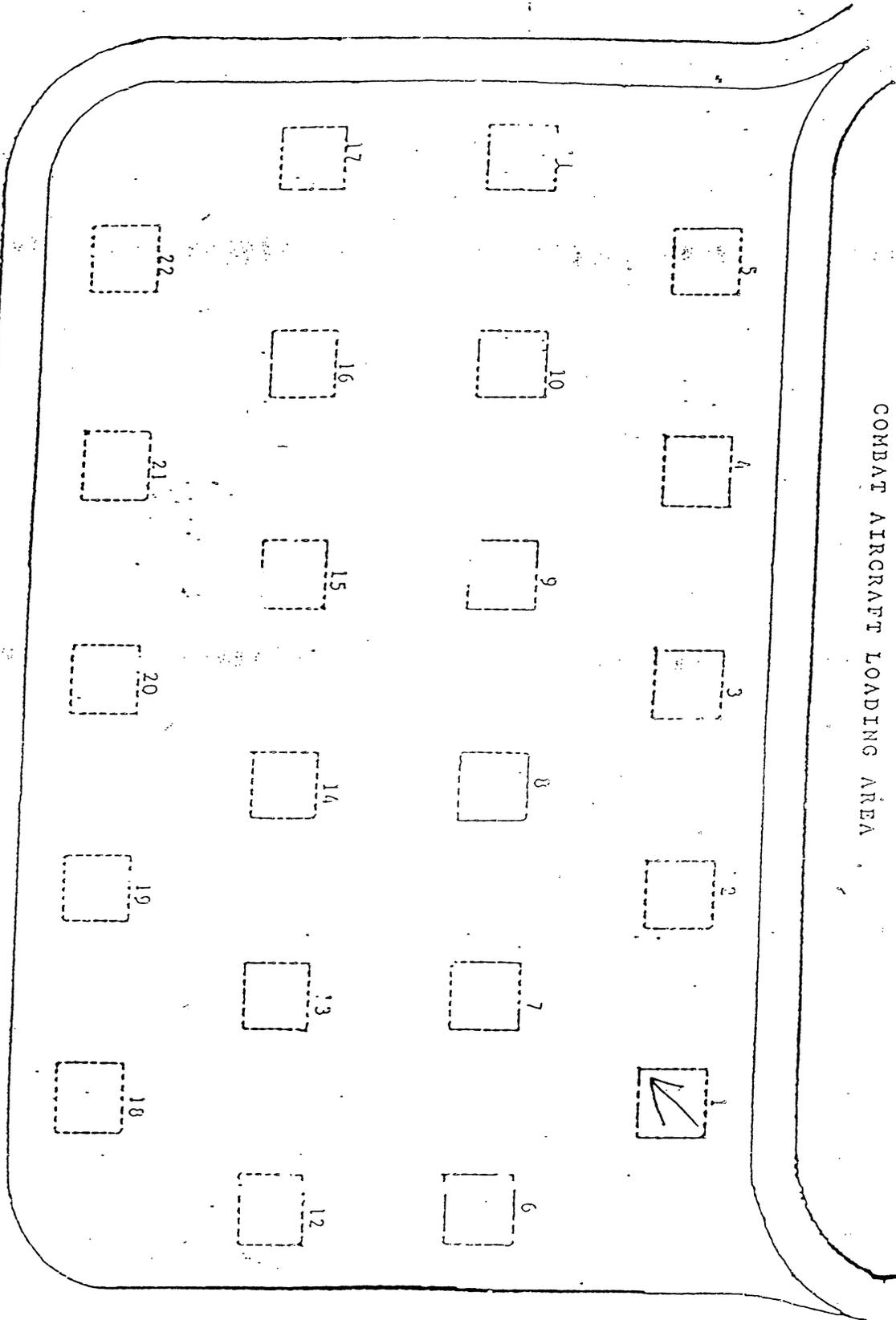
6. Summary of Revision. This revision contains a substantial number of changes and should be reviewed in its entirety.



C. J. TURNER

Distribution B

COMBAT AIRCRAFT LOADING AREA



BLDG 1579

LINE A

LINE B

LINE C

LINE D

ORDNANCE  
STAGING  
AREA