

CAMP PENDLETON FAC/JTAC Class



Points of Contact

Address

Range Operations Division
Marine Corps Air Station
Tower Street, Building 2399, Rm 203
Camp Pendleton, CA 92055



Phone Numbers (DSN 365)

Range Control Officer.....(760) 725-0355
Range Safety Specialists.....(760) 390-9339
LONGRIFLE.....(760) 725-3974
Operations Officer (Air Issues).....(760) 725-4277
Range Scheduling.....(760) 725-4219/3510
FAX.....(760) 725-4090
EMAIL.....pndl_otrangescheduling@usmc.mil

FAC Certification Requirements

- Show Proof of successful completion of a FAC/JTAC school.
- Attend and complete the Camp Pendleton RSO/OIC class.
- Attend and complete the Camp Pendleton FAC/JTAC class.
- FAC/JTAC must be assigned by the unit on the event ORM.
- Must Be Qualified as Camp Pendleton FAC regardless if Controlling from Air or Ground during combined arms TACPs.

CLOSE AIR SUPPORT

- Close Air Support: Air action by Fixed-wing or Rotor-wing aircraft against hostile targets that are in close proximity to friendly forces and/or which requires detailed integration of each air mission with fire and movement of these forces.

CAS TYPES

- Joint Publication 3-09.3, Joint Tactics Techniques and Procedures for Close Air Support (CAS).
 - **Type I CAS is the traditional nine-line brief with close control required by the terminal controller. Pilots may not release a weapon until the controller gains visual contact with the aircraft and clears the drop.**
 - Type II support is less restrictive and is most useful during poor weather conditions or at night. It assumes the terminal controller may or may not be able to see the target, but can pass accurate coordinates to pilots who have the ability to attack the target without seeing it. The controller coordinates with the attacking aircrew to ensure as best he can that the right target is being struck. He still passes clearance to engage, albeit without seeing the aircraft.
 - Type III is the least restrictive kind of support. Aircraft are given clearance to engage targets that are not in direct contact with friendly forces and that are beyond certain geographic boundaries, although other parameters or restrictions may apply depending on the situation. The aircrews are left to find the targets on their own while the terminal controller monitors their activity; clearance from the controller is not required for the attacking aircraft to engage.
- **NOTE: ONLY TYPE I CAS AUTHORIZED!!**

SCHEDULING

- TACP/CAS
 - Non-Standard CAS
 - 14 Days for Brief & FAC Brief Sheet
 - Standard CAS
 - FAC Brief Sheet
- Air Space
 - R2503A/B – (0600- 2359L) Daily
 - (2400 – 0600L) Five Working Days
 - R2503C – Twenty-five working Days for scheduling.
 - 40 hours annually
 - R2503D – Thirty Five Days for scheduling.
 - 20 days between 0600-2359L.
Will only be scheduled for 5 days per quarter
 - 90 days between 0001-0600L.
- Zulu Air Priority Days
 - 1st three Wednesdays & 1st three Thursdays of each Month
- RESERVE Zulu Air Priority Day:
 - Second Saturday 1100-1300L.
- Whiskey Air Priority Times (Weekdays)
 - 1400-1700L & 2000-2300L
- **NOTE: AIR PRIORITY IS LOST INSIDE 7 DAYS OF SCHEDULING.**

SCHEDULING

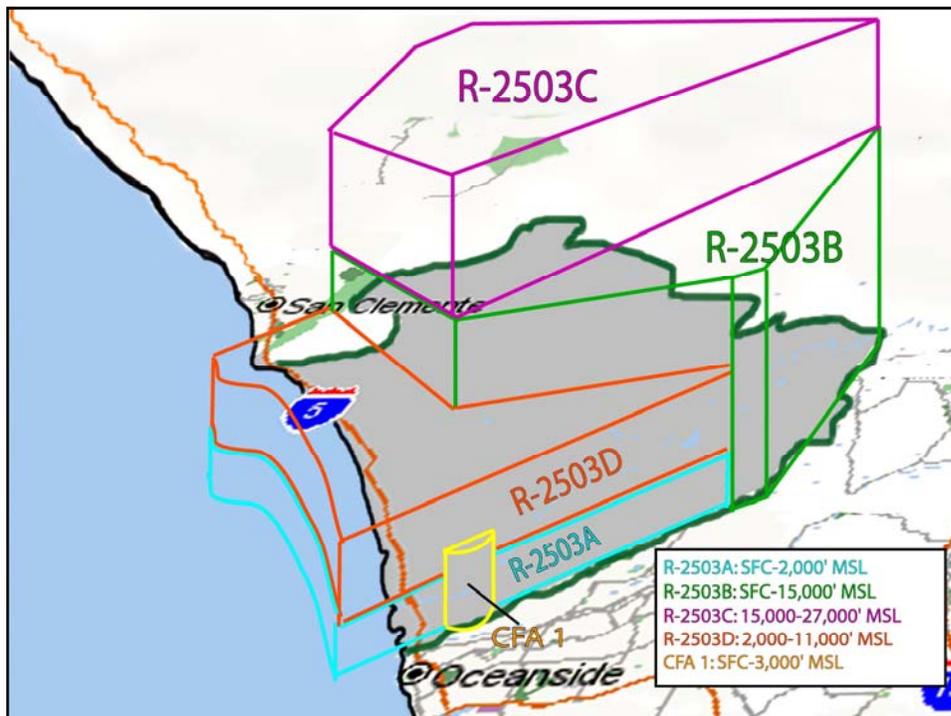
- ROTOR-WING:
 - Both Whiskey and Zulu Impact areas will support all rotor-wing ordnance with the following exemptions:
 - Hellfire missiles are not authorized
 - Whiskey TOW shoots – R220 (TOW) Brief
- FIXED-WING:
 - Zulu Impact area is the only dedicated impact area that will support live fixed-winged CAS.
 - Fixed-wing a/c are restricted to bombing only (500lbs or less).
 - Strafing is not authorized.
- CAS operations will be scheduled as the standard R-220/R-440 brief as published by the RCO.
- Non-standard events require an approved brief by the RCO 14 days prior to the event.
- The FAC/JTAC must submit the FAC brief sheet for approval no later than 7 days to Range Scheduling.

SCHEDULING

- SIMCAS:
 - FAC/JTAC for SIMCAS do not need to be Camp Pendleton Certified.
 - FAC/JTAC do however need to be school trained.
 - FAC/JTAC must submit the FAC brief sheet with CAS overlay no later than 14 days prior to event to Range Scheduling.
 - Submit an overlay showing
 - Rotor-wing
 - ACA
 - Target location and FAC/JTAC position.
 - Fixed-wing
 - Route of flight
 - Block altitude
 - IP(s)
 - Aviation facilities to be used.
 - Target location and FAC/JTAC position.

SCHEDULING

- All Aircrews shall:
 - Shall receive a Aviation Range Safety Certification from Range Ops Officer for routine operations.
 - All other aircrews not in compliance with this, shall received a “Event Specific” Aviation Range Safety Brief .
 - Contact LONGRIFLE for the Aviation Range Safety Brief .
 - 760-725-4277
 - 760-725-3974



RW CAS



RW Operations

- Remain outside all impact areas while awaiting clearance for entry. Refer to BO 3500.1N for routing.
- All Altitudes are AGL not MSL
- Check-in with LONGRIFLE (301.9 or 123.2)
- Receive Hot Range Brief
 - Attack Heading
 - FAC Call Sign
 - TAD Freq
- Push to Assigned Holding Area
- Cleared into Impact Area by LONGRIFLE not FAC
 - At All Times Aircraft will monitor LONGRIFLE's Frequency

RW Standard R220/440 Concept

- Helicopter Gunships will utilize HAs and BPs IOT engage targets located in Zulu Impact.
- Exercise will utilize a single OIC.
- Exercise will utilize **a separate RSOs for OP-A/J and any other supporting MPs or AFAs.**
- **An LSSO is required for all laser operations.**
- **For OP-J**
 - Using Unit must coordinate with EOD to sweep road leading to and OP-J on day of exercise.
 - Coordination must take place NLT than five (5) working day prior to exercise.

FAC-A

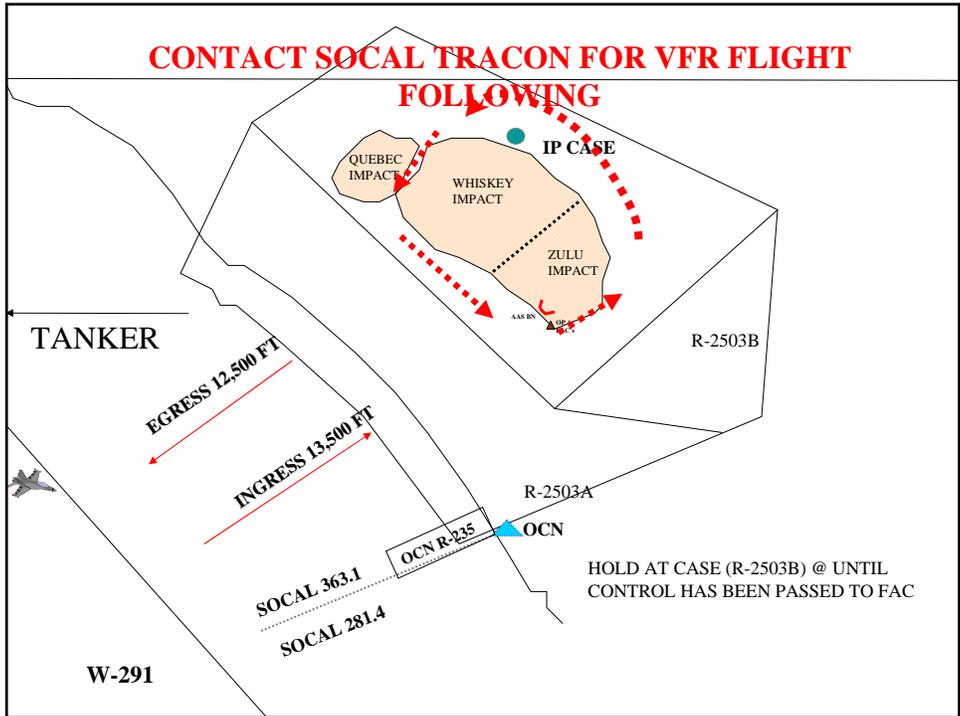
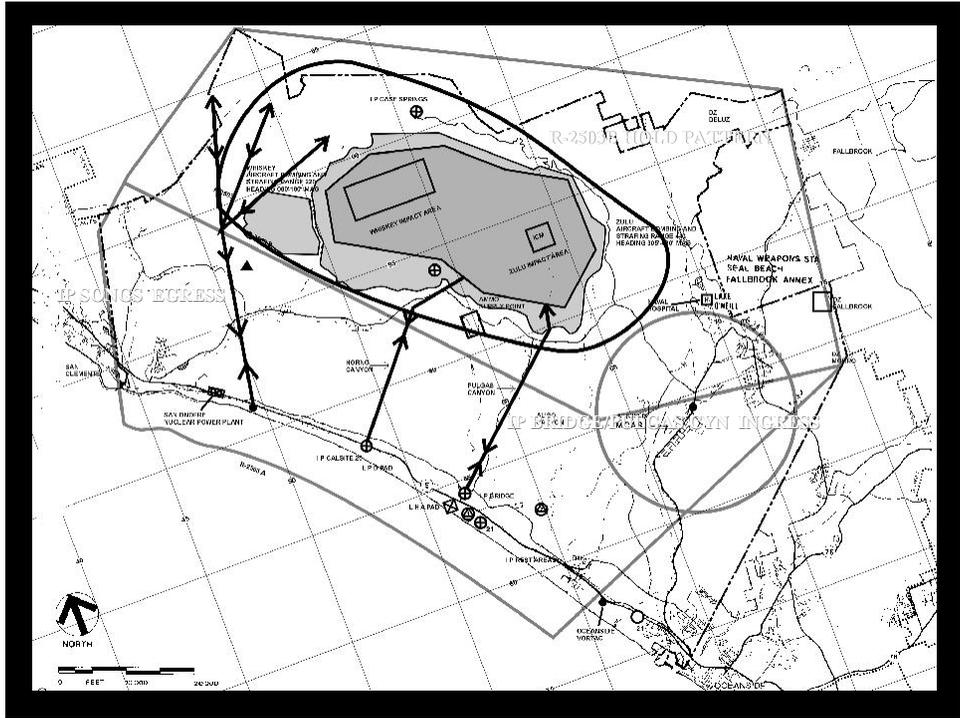
- FAC-A Positions providing a mark or with LASER (Must Be Scheduled) –
 - R227
 - R407
 - R407A
- All FAC Requirements Apply.

FW R440 Ops



Fixed Wing Ingress/Egress

- Aircraft checks in with LONGRIFLE
 - Approx. 5 – 10 NM outside Air Space (301.9)
 - LONGRIFLE will direct aircraft to hold at IP CASE at assigned VFR Alt. (500' increments)
- When holding and outside Zulu Impact expect a hard deck of 1000' AGL above max. ord.
- Receive LONGRIFLE brief
 - Attack Headings
 - Hard deck alt – Outside Zulu/Inside Zulu
 - FAC Call Sign
 - TAC Freq
 - Cleared into Zulu by LONGRIFLE not FAC
 - At All Times Aircraft will monitor LONGRIFLE's Frequency
- FW A/C SHALL avoid overflight of contonment areas @ less than 1500' AGL for noise abatement.
- FW shall operate no lower than 1000' AGL.



FW R440 Procedures

- Expect mark, SEAD, or illumination by mortars.
- F/W CAS Laser PRF will be **1688**. Laser firing point is on the left side of OP A.
- At least one sim cas ground laser run will be conducted in order to op check laser designator.
- **You will be required to make one cold pass before any live runs.**
- **Final Attack Headings for F/W CAS are 305-030 Mag.**
- No FW re-attacks unless cleared by LONGRIFLE.
- Once complete, check out with FAC/AO and contact "LONGRIFLE" for clearance out of the area.

Fixed Wing Ops Complete

- Aircraft checks out with LONGRIFLE
- Reporting Ordnance Expended
- Depart Air Space per LONGRIFLE's instruction at assigned VFR Alt.

Additional CAS Instructions

- A safety Brief will be conducted prior to each live fire event to all participants.
- Positive control of all aircraft will be maintained.
- No firing will be conducted:
 - **Outside the Aviation Impact Area**
- All CAS will be Type I
- All CAS will be controlled with a mark.
 - Exception:
 - MAG 39 RW Aircraft Only
 - Daylight Only
 - VFR Conditions
- All “aborts” will be in plain language and acknowledged.

Comm

- LONGRIFLE Freq’s:
 - Range Air - 301.9 primary
 - TAD 1 – 255.2
 - TAD 2 – 300.1
 - Ground Safety – 49.00
- Positive 2-way comm w/all players
- *We’ll interrupt to call spillouts/traffic*

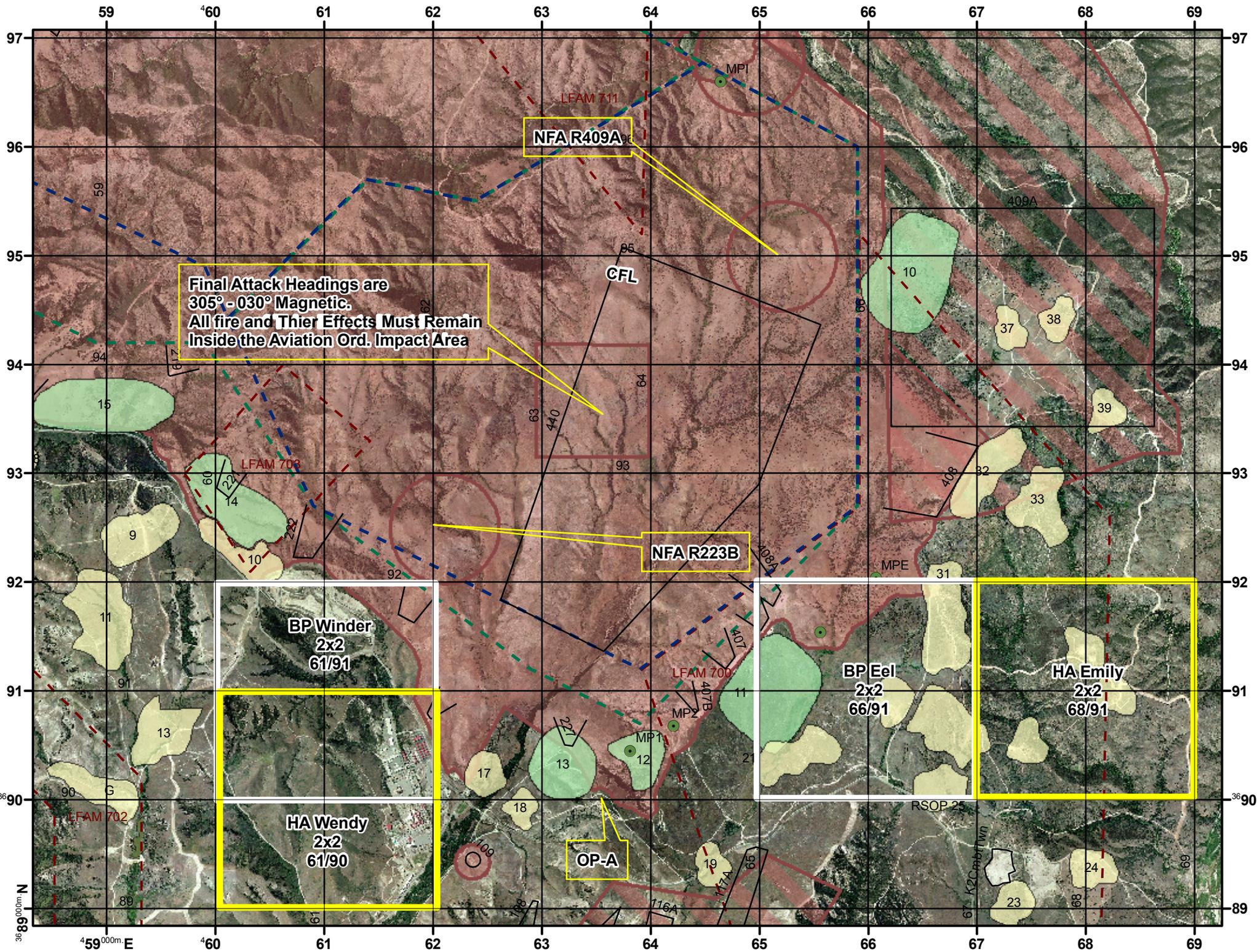
CAS Requirements

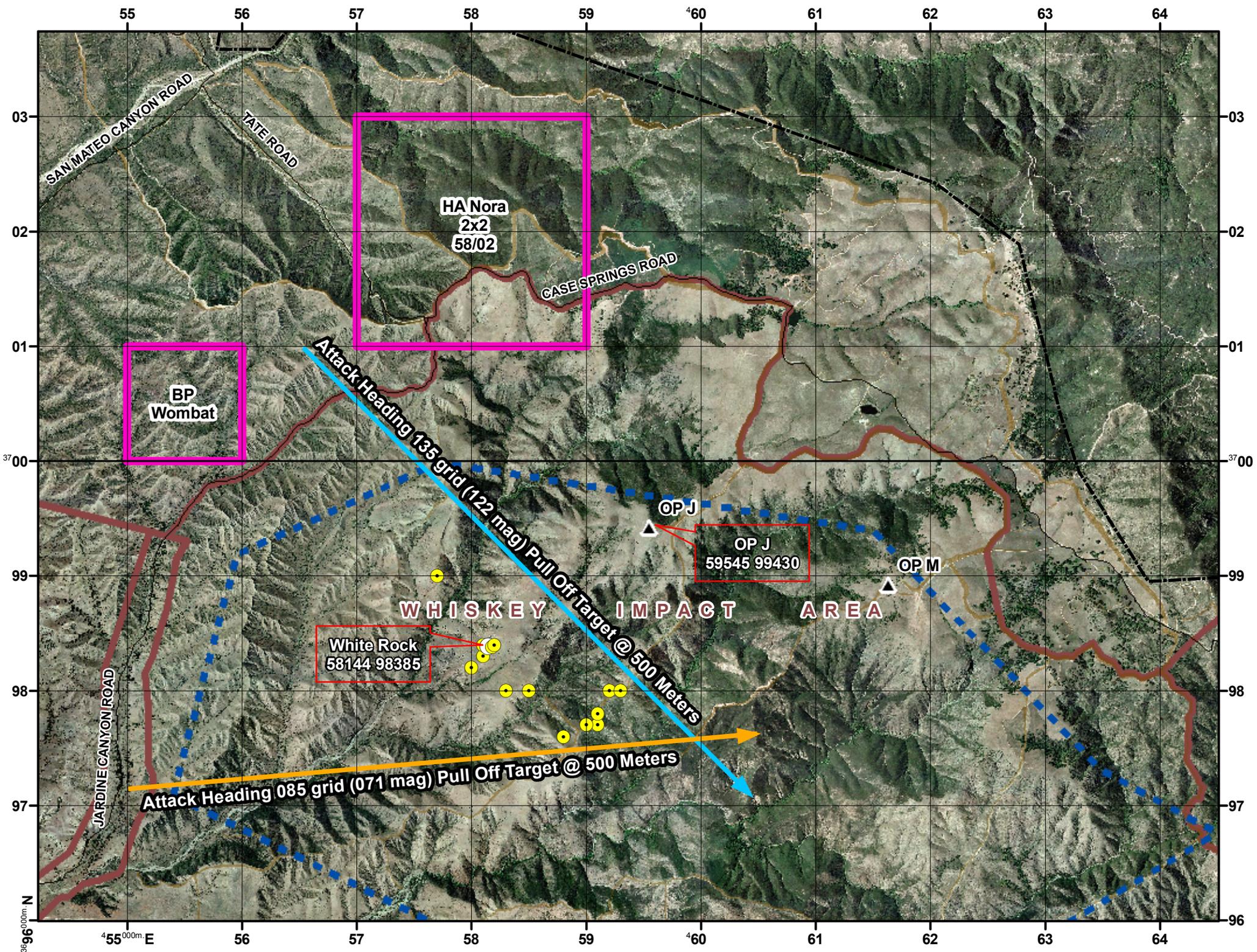
- Weather Minimums:
 - Positive ID of Tgt & Unit Locations
- First pass cold
- Non MAG-39 Aircraft require mark

CAMPEN IS NOT EXCLUSIVE USE NONPARTICIPANTS
WILL BE FLYING

GO / NO GO

- FAC on station
 - Can't drop without 'em!
- Any Loss of Comm
 - Abort or Check Fire
- No firing will be conducted:
 - **Prior to crossing the start fire line**





55 56 57 58 59 60 61 62 63 64

03 02 01 00 99 98 97 96

SAN MATEO CANYON ROAD
TATE ROAD

HA Nora
2x2
58/02

CASE SPRINGS ROAD

BP
Wombat

Attack Heading 135 grid (122 mag) Pull Off Target @ 500 Meters

OP J
OP J
59545 99430

OP M

WHISKEY IMPACT AREA

White Rock
58144 98385

Attack Heading 085 grid (071 mag) Pull Off Target @ 500 Meters

JARDINE CANYON ROAD

000m N
455 000m E 56 57 58 59 60 61 62 63 64

JTAC-CAS BRIEF SHEET

OP _____ DATE _____

FACS's NAME/UNIT _____

POC # WHILE AT THE OP _____

TGT MARKING UNIT _____ LOCATION _____ TYPE _____

<u>CALL SIGN</u>	<u>A/C TYPE</u>	<u>TOT</u>	<u>ORDNACE REQUESTED</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SUPPORTING SQUADRON'S POC NAME AND NUMBER _____

IP TO BE USED IP SONGS IP BRIDGE IP HORNO IP CASE OTHER _____

AIRSPACE SCHEDULED TO SUPPORT TRAINING _____

BRIEF # USED TO SUPPORT TRAINING (R440, R220, ETC.) _____

TANKER LOCATION (IF SCHEDULED) _____

IF MARKING WITH LASERS, LTA AND FIRING POSITION SCHEDULED _____

TAD #1 _____ TAG #2 _____

FAC's CALL SIGN _____

