

CAMP PENDLETON JTAC Class



Class Summary

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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 and conduct initial training under the supervision of a current certified CPEN FAC.
- CPEN FAC/JTAC certification good for 2 years from date issued.

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!!**

AIRSPACE SCHEDULING

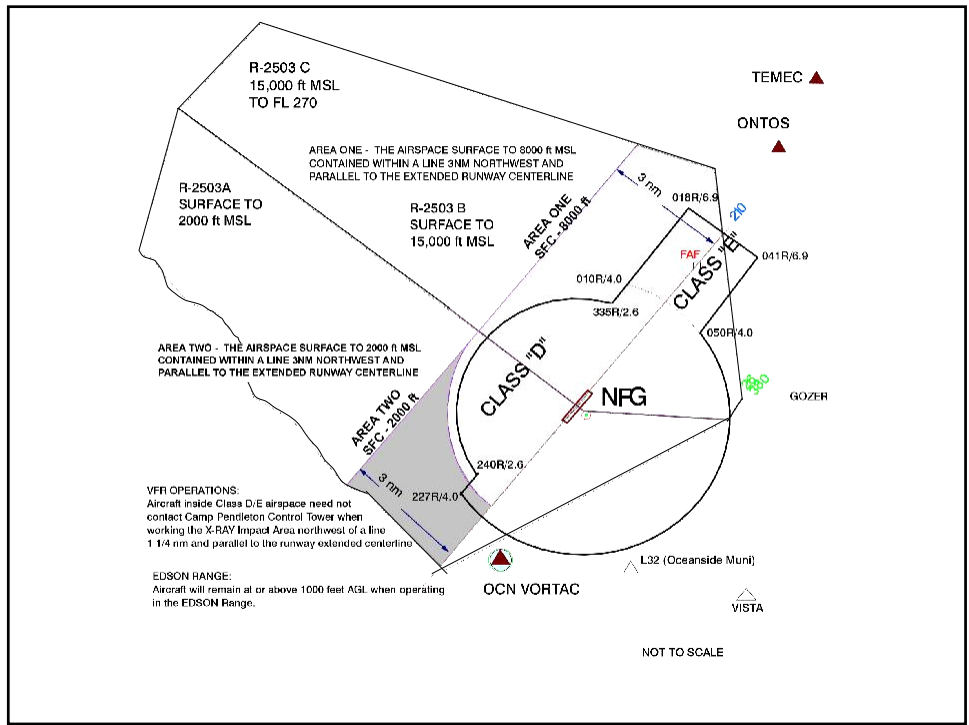
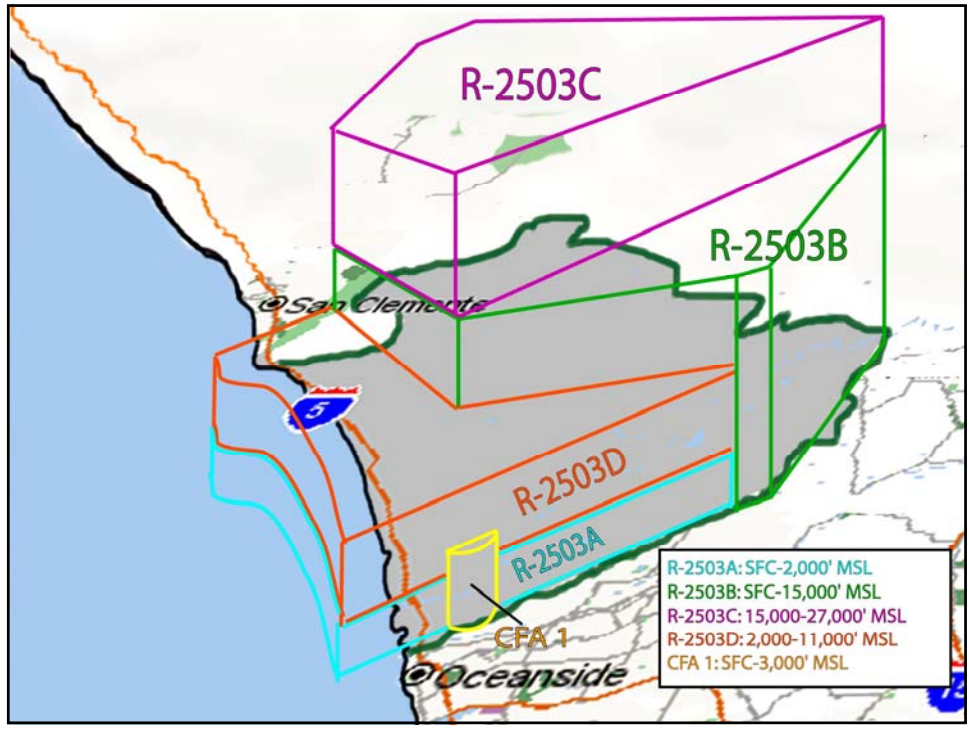
- Air Space
 - R2503A/B – (0600- 2359L) Daily
 - (2400 – 0600L) Unit requests five working days in advance.
 - Whiskey/Zulu Impact Areas fall within R-2503B
 - R2503C – Unit requests twenty-five working days for scheduling.
 - **Reserved for high-angle artillery only**
 - 40 hours annually
 - R2503D – Unit requests thirty-five working days for scheduling.
 - 20 days between 0600-2359L.
Only be scheduled 5 days per quarter
 - 90 days between 0001-0600L.
- Zulu Air Priority Days
 - 1st three Wednesdays & 1st three Thursdays of each Month
- Whiskey Air Priority Times (Weekdays)
 - 1400-1700L & 2000-2300L
- **NOTE: AIR PRIORITY IS LOST INSIDE 7 DAYS OF SCHEDULING.**

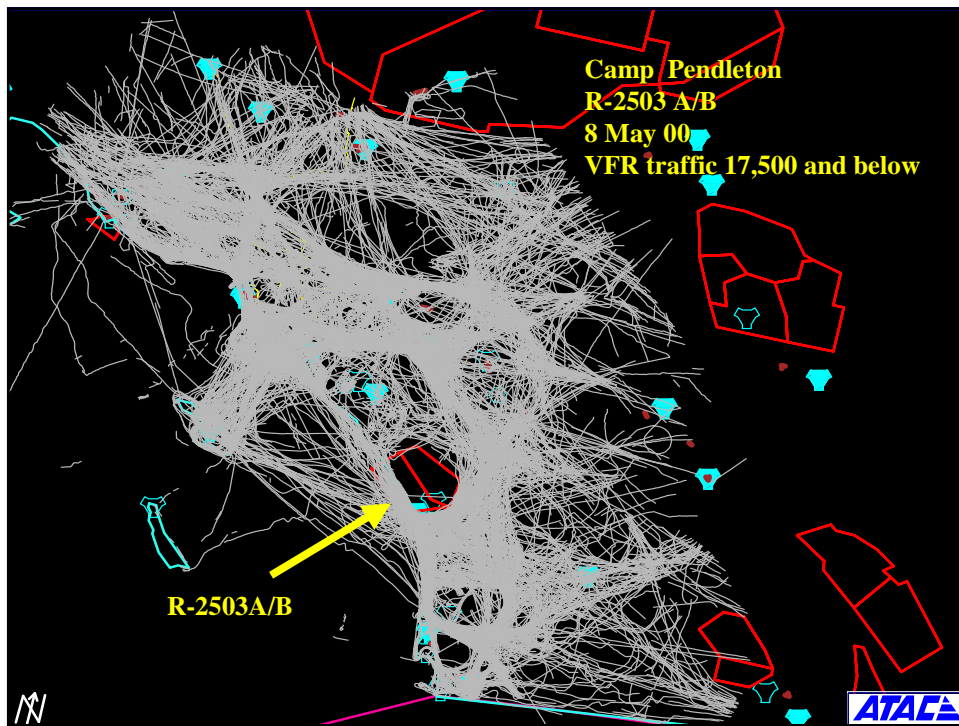
SIMCAS SCHEDULING

- SIMCAS:
 - FAC/JTAC qualified for SIMCAS (Do not need to be Camp Pendleton Certified).
 - FAC/JTAC must submit a FAC brief sheet with SIMCAS overlay no later than 14 days prior to event. Brief sheet and overlay will be submitted to Range Scheduling at **** <mailto:311rangsched@nsmc.mil> or FAX to 760-725-4090.
 - Overlays will depict:
 - Rotor-wing- Refer to BO 3500.1N Ch. 1 for CPEN standard routings
 - Route of flight
 - Altitude(s)
 - Holding areas/Battle position(s).
 - Aviation facilities to be used.
 - Target location(s) and FAC/JTAC position.
 - Fixed-wing- Refer to BO 3500.1N Ch. 1 for CPEN standard routings
 - Route of flight
 - Block altitude with requested airspace
 - IP(s)
 - Aviation facilities to be used.
 - Target location and FAC/JTAC position.

AIRSPACE-R2503

- R-2503A SFC-2,000' MSL
- R2503B SFC-15,000' MSL
- R2503C 15,000'-27,000' MSL
- R2503D 2,000-11,000' MSL





ROTOR-WING-GENERAL

- ROTOR-WING:
 - Both Whiskey and Zulu Impact areas will support all rotor-wing ordnance with the following exemptions:
 - Hellfire missiles
 - 5 Inch Rockets
 - TOW missiles can only be scheduled as R-220 TOW unless briefed to Range Control Officer (RCO) 60 days in advance.
 - CAS operations will be scheduled as the standard R-220/R-440 TACP brief as published by the RCO.
 - Non-standard events require an approved brief by the RCO 14 days prior to the event. Prior to briefing RCO, all facilities and impacts SHALL be scheduled via RFMSS (Range Facility Management Support System).
 - The FAC/JTAC must submit the FAC brief sheet for approval no later than 14 days to Range Scheduling.

FIX-WING-GENERAL

- Zulu Impact area is the only dedicated impact area that will support live-fire fixed-wing CAS.
- Fixed-wing a/c are restricted to bombing only (500lbs or less). One drop per pass.
- Strafing is not authorized.
- CAS operations will be scheduled as the standard R-440 TACP brief as published by the RCO.
- Non-standard events, routings and IP's require an approved brief by the RCO 14 days prior to the event.
- For R440, FAC/JTAC must submit the FAC brief sheet for approval no later than 14 days to Range Scheduling.
- JTACS shall not call "cleared hot" until aircraft is in sight, reports wings level and has entered inside the Aviation Ordinance Impact Area.

SAFETY BRIEF

- All Non-MAG 39 aircrews and any MAG-39 squadrons returning from deployment shall:
 - Receive a Range Air Safety Brief from the Operations Officer or Range Control Officer.
 - Contact LONGRIFLE for air event number and "hot range" brief prior to departing base field.
 - 760-725-4277-Operations Officer
 - 760-725-3974
 - 760-724-4604 (after 1630L)
- Any flight that does not comply with above requirements will be limited to transition only.

NO OVERFLIGHT

- AIRCRAFT SHALL AVOID OVER FLYING:
- Naval Hospital, Base Housing, ASP
 - Helos: above 500' AGL
 - Fix-Wing: above 1,500' AGL
- San Onofre Nuclear Generating Station
NO OVERFLIGHT
- Environmentally sensitive area(s)
 - Refer to BO 3500.1N Change 1, CH. 4, para 4003

RW CAS

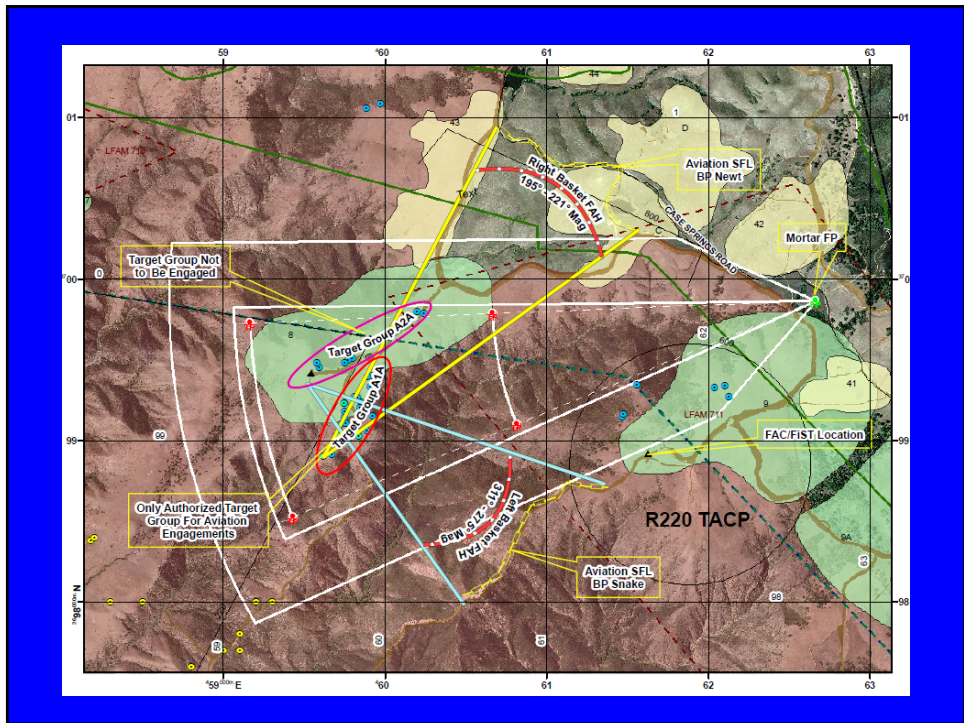
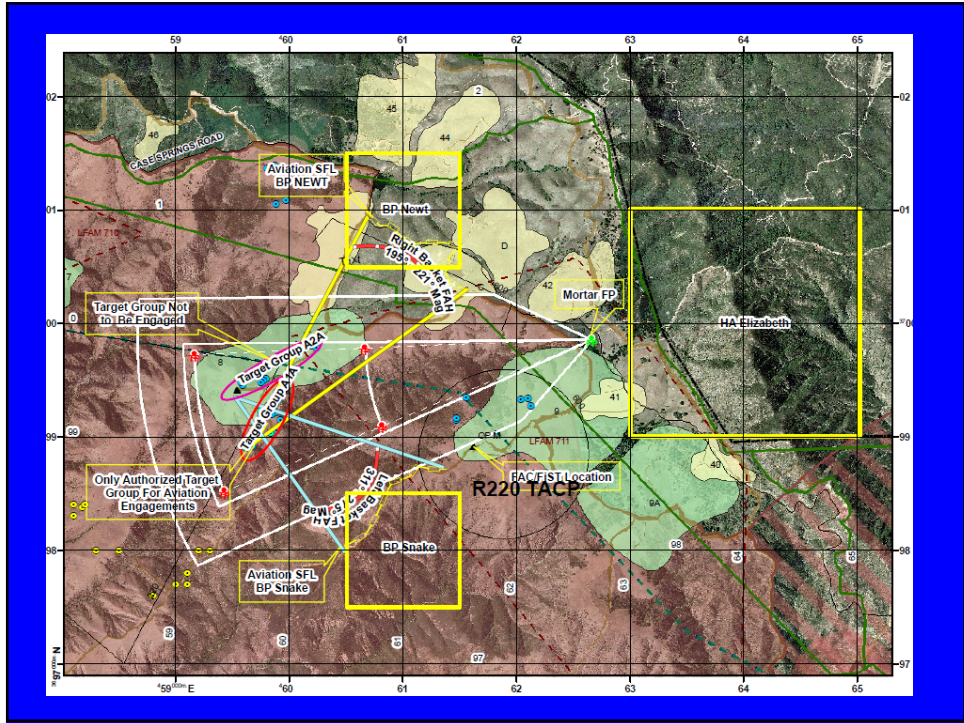


RW CAS

- Check-in with LONGRIFLE (310.3 or 123.2)
- Aircraft shall remain outside all impact areas while awaiting clearance for entry.
- Range Control will verify ordinance to be expended.
- All altitudes are AGL not MSL
- Push to Assigned Holding Area
- Receive Hot Range Brief
 - Verify pilot(s) have read and understood R-440/R-220 TACP special instructions.
 - FAC Call Sign
 - TAD Freq
 - Directed to contact FAC/JTAC
 - At no time will any RW fire begin prior to the Aviation Ordinance Impact Area.
- **Cleared into Impact Area by LONGRIFLE not FAC**
 - **At All Times Aircraft will monitor LONGRIFLE's Frequency**

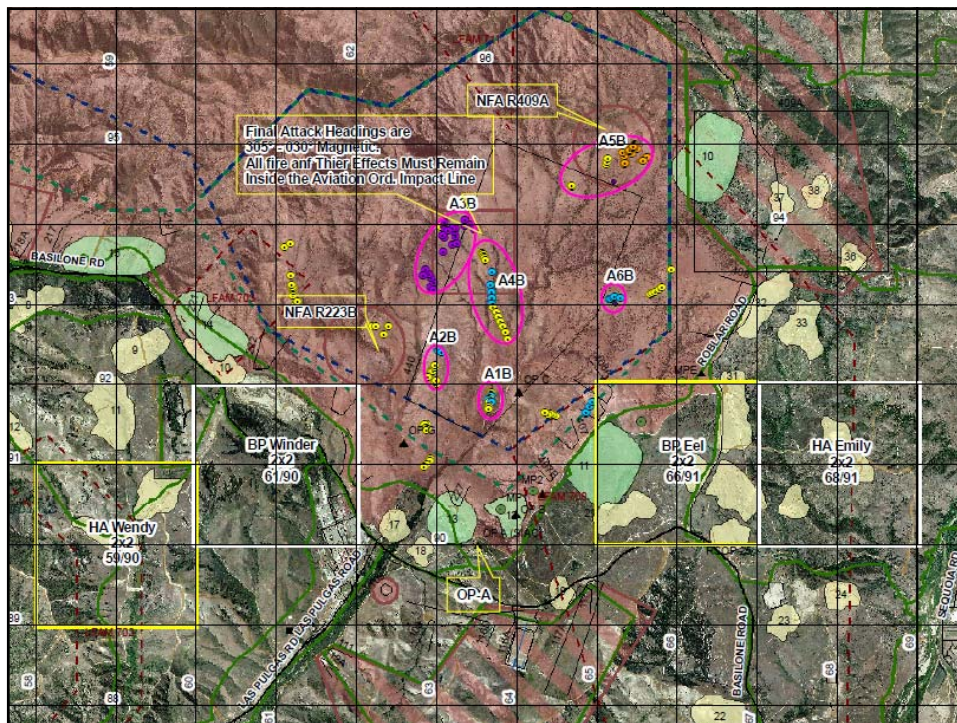
R220 RW CAS

- **A2A is not to be engaged by RW.**
- **RW attack final headings shall be -**
 - BP Newt 195° - 221° mag
 - BP Snake 311° - 275° mag
- **RW Delivery Profiles are as follows:**
 - Max AC Speed: 100 kts
 - Min Dive: -05
 - Max Dive: -35
 - Max Target Engagement: 1500 meters
 - Pull Off Target @ 500 Meters from target.



R440 RW CAS

- Final Attack Headings are:
- 305°-030° mag
- The following target group are authorized for engagement with 20 MM & .50 caliber:
 - A1B, A2B, A3B, A4B, A5B, & A6B
- The following target groups are authorized for engagement 2.75” Rockets:
 - A3B & A4B
- RW Delivery Profiles are as follows:
 - Max AC Speed: 100 kts
 - Min Dive: -05
 - Max Dive: -35
 - Max Target Engagement: 2000 meters
 - Pull Off Target @ 500 Meters from target



FAC-A

- FAC-A Positions providing a mark or with LASER (Must Be Scheduled) –
 - R227
 - R407
 - R407A
- All FAC Requirements Apply.
- R/W FAC-A only is authorized

FW CAS



Fixed Wing Ingress/Egress

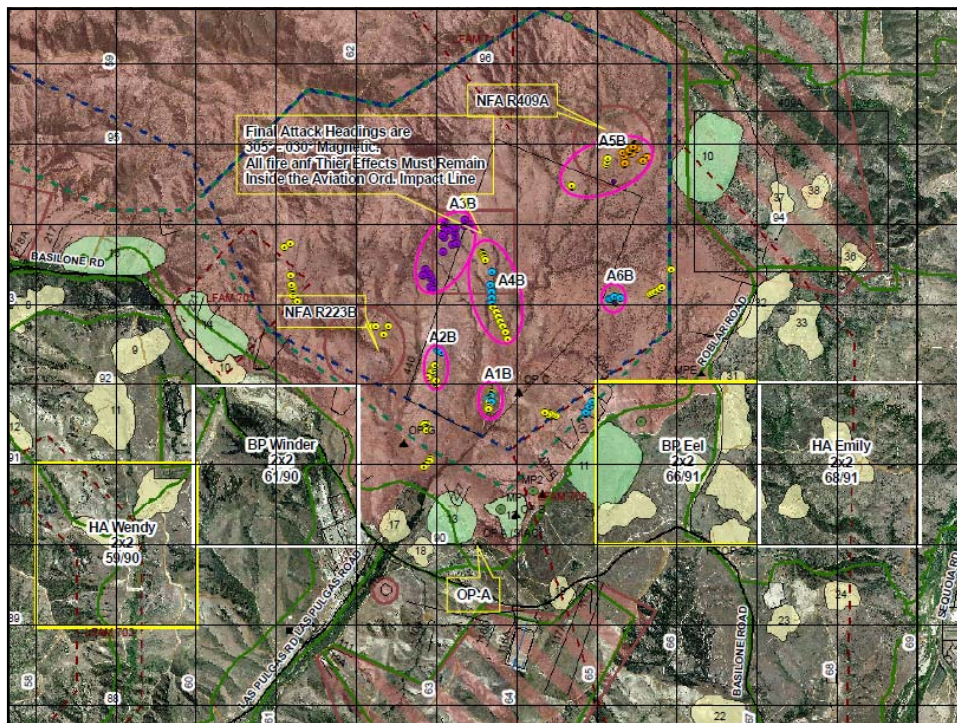
- Aircraft checks in with LONGRIFLE
 - Approx. 5 – 10 NM outside Air Space (310.3)
 - LONGRIFLE will direct aircraft to hold at IP CASE at assigned VFR Alt.
 - While holding and outside the Impact Areas, expect a hard deck of 1000' AGL above max. ordinance being fired at that time.
- Receive LONGRIFLE brief
 - Attack Headings or verifies receipt of R-440 TACP special instructions.
 - Hard deck alt – Outside Zulu/Inside Zulu
 - FAC Call Sign
 - TAD Freq
 - Cleared into Zulu by LONGRIFLE not FAC
 - At All Times Aircraft will monitor LONGRIFLE's Frequency
- FW final ordinance delivery altitude will be between 5-10,000' MSL
- FW shall remain with Special Use Airspace at ALL times

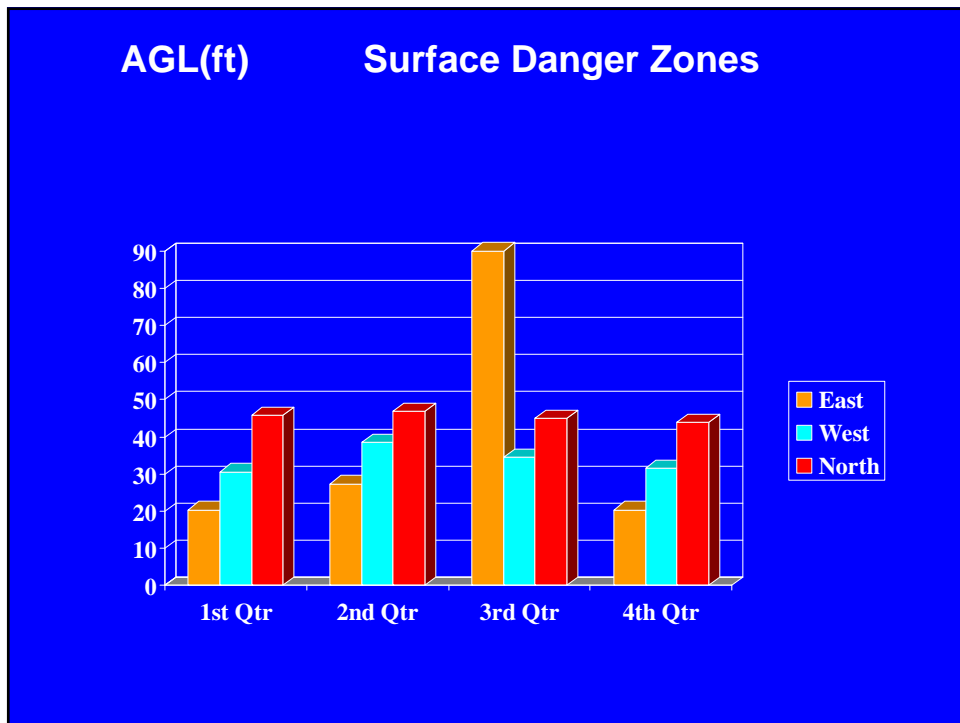
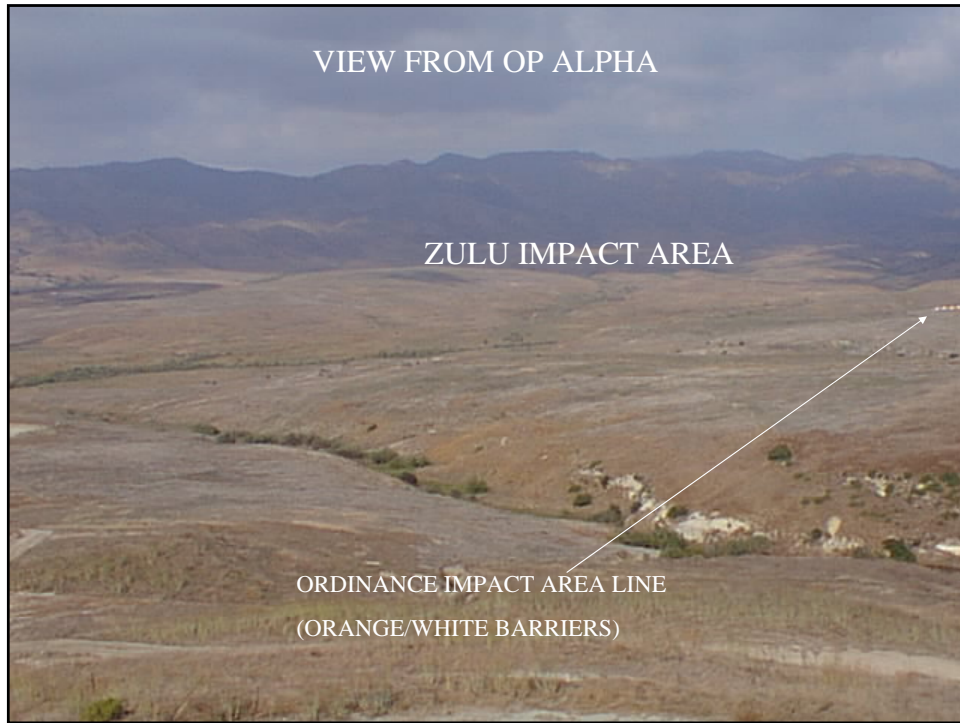
FW R440 TACP GENERAL

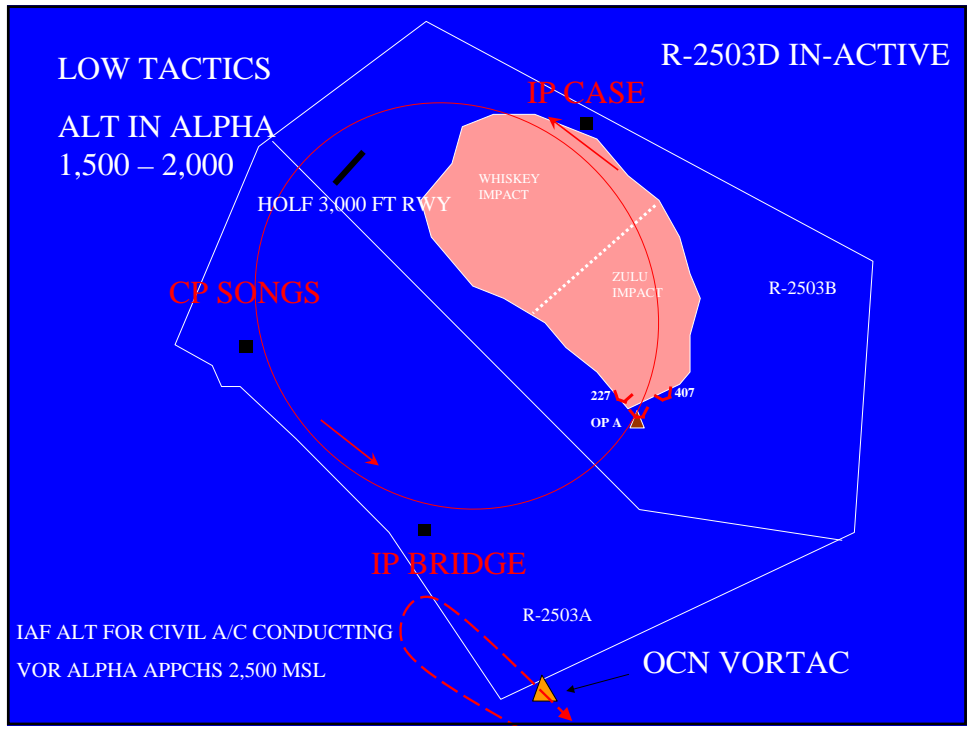
- Expect mark, SEAD, or illumination by mortars.
- F/W CAS Laser PRF will be **1688**. Laser firing point is on the left side for OP A.
- At least one SIMCAS ground laser run will be conducted in order to op check laser designator.
- **You will be required to make one cold pass before any live runs.**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

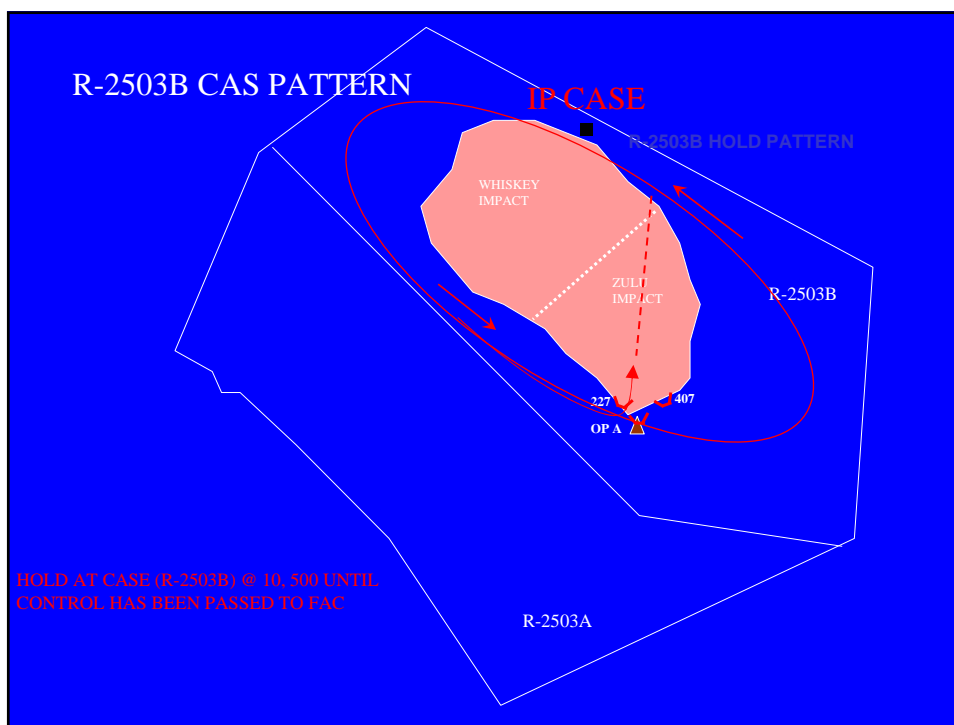
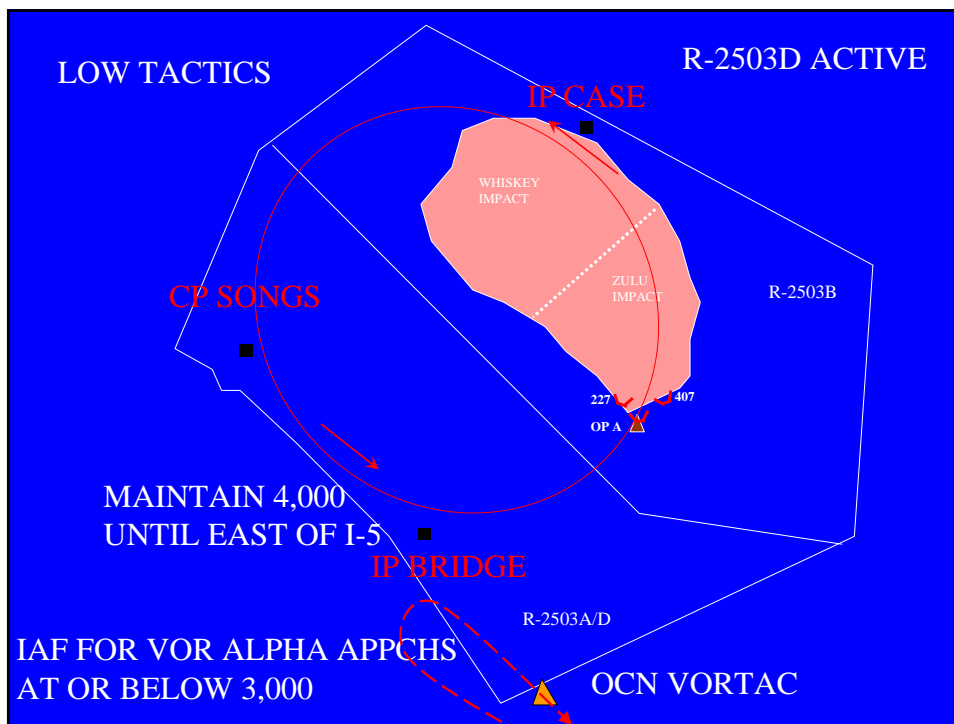
FW R440 TACP GENERAL

- **A3B is the only target group authorized for engagement by FW.**
- **FW Delivery Profiles are as follows:**
 - AC Speed: 300 – 500 kts
 - Min Dive: -15
 - Max Dive: -45
 - Drop Alt: 5000 -10000
 - Atk Heading: 305° -030° mag
- F/W CAS Laser PRF will be **1688**. Laser firing point is OP A.
- At least one SIM CAS ground laser run will be conducted in order to op check laser designator.
- **One cold pass required before any live runs.**









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.
- A Range Safety Specialist SHALL conduct a FACE-FACE brief with FAC/JTAC on first day of TACP. Verify with Range Control Officer or Range Scheduling on brief time at scheduled OP.
- Positive control of all aircraft will be maintained.
- No firing will be conducted:
 - Outside the Aviation Ordinance Impact Area
- All **LIVE 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.
- **AT ANY TIME THAT A RW/FW DUB OCCURS, JTAC WILL NOTIFY LONGRIFLE WITH THE FOLLOWING: TIME DUB OCCURRED, LOCATION AND DODIC.**

Comm

- LONGRIFLE Freq's:
 - Range Air - 310.3 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*

WEATHER REQUIREMENTS

- Weather Minimums: Pilots must maintain positive identification of the target and visual reference to the surrounding area for clearance of terrain and other hazards.
- MCAS Camp Pendleton METRO
- -Commercial 760-725-3327

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 **SHALL** be conducted:
 - **Outside Aviation Ordnance Impact Area**

