

# **FAC/JTAC Course Handout**

**Updated 11 September 2017**



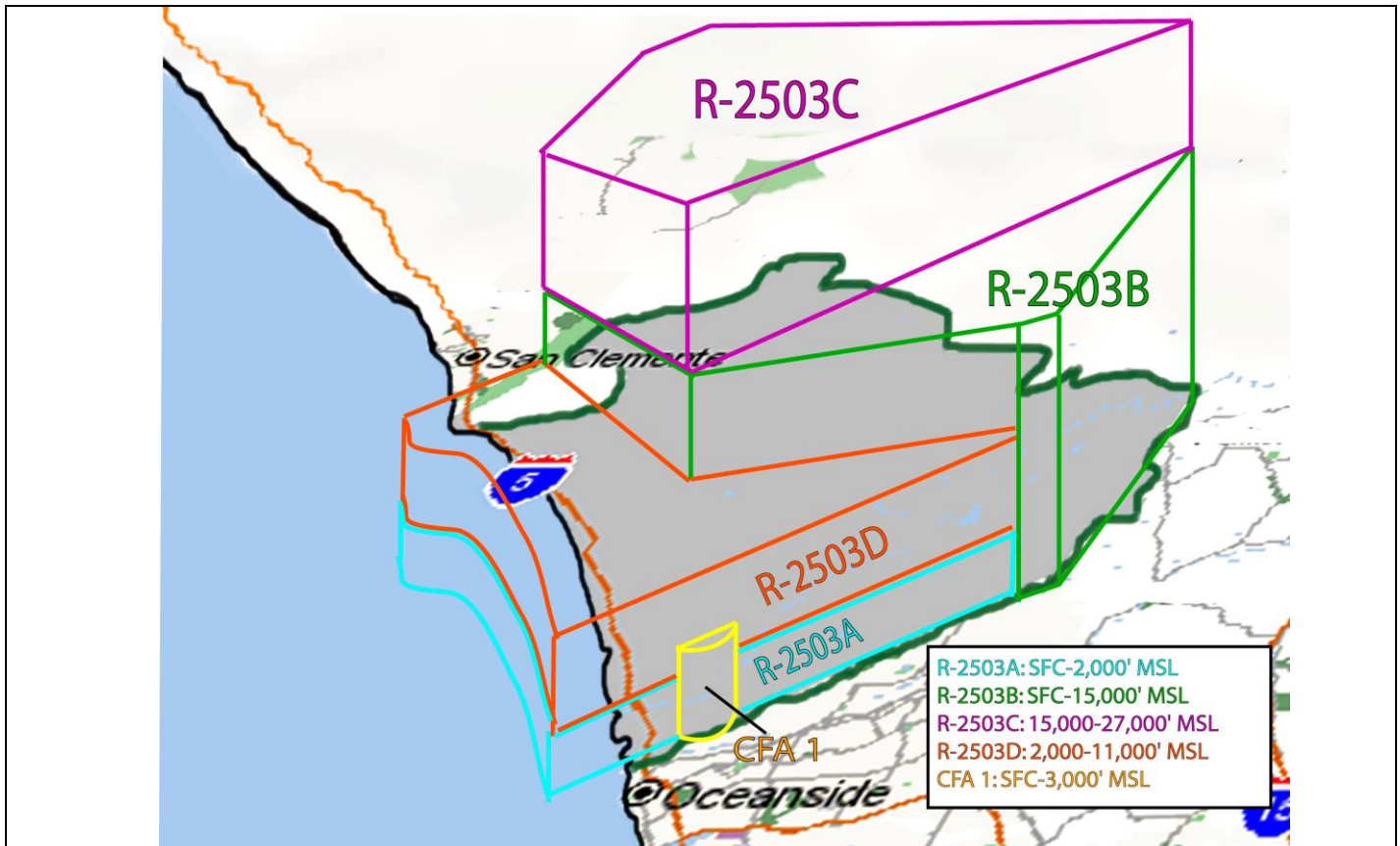
<p><b>1. FAC/JTAC Class</b></p> <ul style="list-style-type: none"> <li>➤ This brief outlines the information that FAC/JTAC are required to be familiar with prior to conducting training at MCB Camp Pendleton.</li> <li>➤ FAC/JTAC shall read all pertinent sections contained within Base Order P3500.1N.</li> <li>➤ Chapter four describes aviation training regulations.</li> </ul>	<p><b>2. Points of Contact</b></p> <ul style="list-style-type: none"> <li>➤ <u>Phone Numbers</u> – (DSN 365-)</li> <li>➤ Range Control Officer - (760) 725-0355</li> <li>➤ Range Safety Specialists - (760) 763-4926</li> <li>➤ LONGRIFLE - (760) 725-4277</li> <li>➤ Range Scheduling - (760) 725-4219/3510</li> <li>➤ (760) 725-4090 (FAX)</li> </ul> <p><a href="mailto:pndl_otrangescheduling@usmc.mil">pndl_otrangescheduling@usmc.mil</a></p>
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<p><b>3. FAC Certification Requirements</b></p> <ul style="list-style-type: none"> <li>➤ Show Proof of successful completion of a FAC/JTAC school.</li> <li>➤ Complete the Camp Pendleton RSO/OIC class &amp; the Camp Pendleton FAC/JTAC class.</li> <li>➤ <b>Prior to going hot on any TACP/CAS event an Inspector shall make a face-to-face with the FAC/J-TAC to verify the Aviation Ordnance Impact Line, HAs and BPs in impact area.</b></li> <li>➤ This face to face must occur prior to sunset. At no time will the Aviation Ordnance Impact Area Line, HAs and BPs be verified by an Inspector during hours of darkness or low visibility (i.e. Fog).</li> <li>➤ <b>CPEN FAC/JTAC certification good for 2 years from date issued.</b></li> </ul>
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<b>4. Safety Personnel Requirements</b>				
<b>OIC/RSO FAC/JTAC/LSSO</b>	<b>Controls</b>			
	<b>Aircraft With No Ground Mark – No Laser</b>	<b>Aircraft With No Ground Mark – With Laser</b>	<b>Aircraft With Ground Mark – No Laser</b>	<b>Aircraft With Ground Mark – With Laser</b>
FAC/JTAC	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
LSSO	No	<b>Yes</b>	No	<b>Yes</b>
OIC <i>From Marking Ground Unit</i>	No	No	<b>Yes</b>	<b>Yes</b>
RSO <i>From Marking Ground Unit</i>	No	No	<b>Yes</b>	<b>Yes</b>
FSC <i>From Marking Ground Unit</i>	No	No	<b>Yes</b>	<b>Yes</b>

<p><b>5. FAC Brief Sheets &amp; Overlays</b></p> <ul style="list-style-type: none"> <li>➤ <b>Standard TACP –</b> <ol style="list-style-type: none"> <li>i. The FAC/JTAC must submit the FAC brief sheet for approval no later than 14 working days to Range Scheduling.</li> <li>ii. Prior to submission of FAC Brief sheet, all facilities and impact areas must be scheduled via RFMSS (Range Facility Management Support System).</li> </ol> </li> <li>➤ <b>Non-standard TACP –</b> <ol style="list-style-type: none"> <li>i. Must be briefed to and approved by the RCO 14 working days prior to the event.</li> <li>ii. Prior to briefing RCO, a FAC Brief sheet &amp; Overlay must be submitted to Range Scheduling.</li> <li>iii. Prior to briefing RCO, all facilities and impact areas SHALL be scheduled via RFMSS (Range Facility Management Support System).</li> </ol> </li> </ul>
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<p><b>6. AIRSPACE SCHEDULING - AIR PRIORITY IS LOST INSIDE 7 DAYS OF SCHEDULING.</b></p> <ul style="list-style-type: none"> <li>➤ Air Space</li> <li>➤ R2503B – (0600- 2359L) Daily (2400 – 0600L) Unit requests five working days in advance. Whiskey/Zulu Impact Areas fall within R-2503B</li> <li>➤ R2503C – Unit requests twenty-five working days for scheduling. <b>Reserved for high-angle artillery only</b> 40 hours annually</li> <li>➤ R2503D – Unit requests thirty-five working days for scheduling. 20 days between 0600-2359L. Only scheduled 5 days per quarter 90 days between 0001-0600L.</li> <li>➤ Zulu Air Priority Days - 1<sup>st</sup> three Wednesdays &amp; 1<sup>st</sup> three Thursdays of each Month</li> <li>➤ Whiskey Air Priority Times (Weekdays) - 1400-1700L &amp; 2000-2300L</li> </ul>
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**7. NO OVERFLIGHT**

- AIRCRAFT SHALL AVOID OVER FLYING:
  - i. Naval Hospital, Base Housing, ASP
  - ii. Helos: above 500' AGL
- Fix-Wing: above 1,500' AGL
- San Onofre Nuclear Generating Station
  - i. NO OVERFLIGHT
- Environmentally sensitive area(s)
  - i. Refer to Chapter 2 of CAMPENO 3500.1 Ch/1

**8. SIMCAS SCHEDULING**

- FAC/JTAC qualified for SIMCAS (Do not need to be Camp Pendleton Certified).
- FAC/JTAC must submit a FAC brief sheet with SIMCAS overlay (**if not using a standard ACA**) no later than 14 working days prior to event. Brief sheet and overlay will be submitted to Range Scheduling at [pndl\\_OTrangescheduling@usmc.mil](mailto:pndl_OTrangescheduling@usmc.mil)
- **Overlays will depict:**
  - Rotor-wing- Refer to CAMPENO 3500.1 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 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.

<p><b>9. SAFETY BRIEF</b></p> <ul style="list-style-type: none"> <li>➤ All Non-MAG 39 aircrews and any MAG-39 squadrons returning from deployment shall: Receive a Range Air Safety Brief from the Operations Officer and that Squadron must be listed on the compliance letter.</li> <li>➤ <b>Any flight that does not comply with above requirements will be limited to transition only</b></li> </ul>	<p><b>10. Aircraft Checking in &amp; Routing</b></p> <ul style="list-style-type: none"> <li>➤ Check-in with LONGRIFLE (310.3 or 123.2)</li> <li>➤ Aircraft shall remain outside all impact areas while awaiting clearance for entry.</li> <li>➤ Range Control will verify ordinance to be expended.</li> <li>➤ All altitudes are AGL not MSL</li> <li>➤ Push to Assigned Holding Area</li> <li>➤ Receive Hot Range Brief <ul style="list-style-type: none"> <li>○ Verify pilot(s) have read and understood R-440/R-220 TACP special instructions.</li> <li>○ FAC Call Sign</li> <li>○ TAD Freq</li> <li>○ Directed to contact FAC/JTAC</li> <li>○ At no time will any Aircraft begin firing prior to the Aviation Ordinance Impact Area.</li> </ul> </li> <li>➤ Cleared into Impact Area by LONGRIFLE not FAC <ul style="list-style-type: none"> <li>○ At All Times Aircraft will monitor LONGRIFLE's Frequency</li> </ul> </li> </ul>
<p><b>11. Communication</b></p> <ul style="list-style-type: none"> <li>➤ LONGRIFLE Freq's: <ul style="list-style-type: none"> <li>i. Range Air - 310.3 primary</li> <li>ii. TAD 1 – 255.2</li> <li>iii. TAD 2 – 305.925</li> <li>iv. Ground Safety – 40.35</li> </ul> </li> <li>➤ Positive 2-way comm w/all players</li> <li>➤ <b>We'll interrupt to call spillouts/traffic</b></li> </ul>	<p><b>12. Terminal Controls - ONLY TYPE I Controls AUTHORIZED!!</b></p> <ul style="list-style-type: none"> <li>➤ Joint Publication 3-09.3, Joint Tactics Techniques and Procedures for Close Air Support (CAS).</li> <li>➤ <b>Type I control is used when the JTAC must visually acquire the attacking aircraft and the target for each mark.</b></li> <li>➤ Type II control will be used when the JTAC requires control of the individual attacks but assesses that either visual acquisition of the attacking aircraft or the target at weapons release is not possible or when attacking aircraft are not in a position to acquire the mark/target prior to weapons release/launch.</li> <li>➤ Type III control is used when the JTAC requires the ability to provide clearance for multiple attacks within a single engagement subject to specific attack restrictions. Type 3 control does not require the JTAC to visually acquire the aircraft or the target; however, all targeting data must be coordinated through the supported commander's battle staff.</li> </ul>
<p><b>13. R220 RW TACP OP Jacob and OP-M (See Special Instructions for Specifics)</b></p> <ul style="list-style-type: none"> <li>➤ <b>TOW Missiles are not authorized</b></li> <li>➤ Machine Guns - .50 Caliber and below (Ball and API-T)</li> <li>➤ 30mm &amp; below – HE &amp; TP</li> <li>➤ Rockets – 2.75" &amp; 5"</li> <li>➤ Griffin (OP Jacob ONLY)</li> </ul>	

**14. R440 RW TACP and Urban TACP (See Special Instructions for Specifics)**

- Machine Guns - .50 Caliber and below (**Ball and API-T**)
- 30mm & below – HE & TP
- Rockets – 2.75” & 5”
- F/W Bombs – 500 lbs or less (**No F/W Strafing Allowed**)

**15. FW R440 TACP**

- Zulu Impact area is the only dedicated impact area that will support live-fire fixed-wing CAS.
- Fixed-wing a/c is restricted to bombing only (500lbs or less). **One drop per pass.**
- **Immediate re-attacks not authorized.**
- Strafing is not authorized.
- TACP 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 working 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.

**16. Additional CAS Instructions**

- A Safety Brief will be conducted with all participants prior to each live fire event.
- 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:
  - i. Outside the Aviation Ordinance Impact Area
  - ii. All LIVE TACP will be Type I
- All TACP will be controlled with a mark.
- **Exception:**
  - i. MAG 39 RW Aircraft Only
  - ii. Daylight Only
  - iii. VFR Conditions
- All “aborts” will be in plain language and acknowledged.
- **AT ANY TIME THAT A RW/FW DUD OCCURS, JTAC WILL NOTIFY LONGRIFLE WITH THE FOLLOWING: TIME DUD OCCURRED, LOCATION AND DODIC.**
- **Laser firing log shall be completed and submitted to the RCO NLT 24 hours from completion of firing.**

**17. 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**

**18. GO / NO GO**

- Scheduling on a non air priority day/time
- FAC Brief Sheet or Overlay not turned in on time.
- No Face-to-Face with Inspector prior to event
- Safety Personnel not on site
- Any Loss of Communication
- Release of any Outside Aviation Ordinance Impact Area
- Engagement of any target group with unauthorized munitions.

# FAC / JTAC BRIEF SHEET

## Successful Scheduling Checklist:

- ✓ Ensure all required facilities are scheduled and approved in RFMSS.
- ✓ Lasers are authorized, if schedule in RFMSS/FAC Sheet and authorized by the Naval Laser Safety Review Board (**Refer CPEN Laser List in RFMSS**).
- ✓ All Non-Mag-39 A/C are required to be annually certified to fly at CPEN (**Refer to Compliant Squadron List in RFMSS**).
- ✓ Use current R220/R440 SPINS (**found in RFMSS Library under "TACP"** )
- ✓ Live Fire Controls require a CPEN FAC (**list of certified individuals found in RFMSS library under "TACP"**).
- ✓ All live-fire non-standard CAS/TACP shall be briefed to the Range Control Officer, Joe Vaineharrison, NLT 14 working days from the event.
- ✓ SIMCAS aboard the base shall be scheduled in RFMSS, controlled by a certified JTAC/FAC and an approved aviation overlay has been submitted to and approved by the Range Control Officer.
- ✓ If GRG's are used they must be submitted to supporting squadron and submitted with this brief sheet.
- ✓ **When using any supporting fires, ensure a Fire Support Coordinator has been designated on both the unit ORM and the JTAC-CAS brief sheet.**

Note: Units shall coordinate with Range Safety a minimum of 5 working days from the event IOT coordinate a face to face brief. POC: Adan Ramirez 760-390-9339 or Mike Medberry 760-815-1778.

# FAC / JTAC BRIEF SHEET

UNIT: \_\_\_\_\_

Date &  
RCNI#: \_\_\_\_\_

FAC's NAME & UNIT \_\_\_\_\_

OP/POC&CELL# AT OP \_\_\_\_\_

TGT MARKING UNIT      LOCATION                      WEAPON'S                      GRG'S    YES    NO

RANGES ISO \_\_\_\_\_

Designated FSC \_\_\_\_\_

Name                      Rank                      Unit

CALL SIGN/UNIT                      A/C TYPE                      TOT (LOCAL)                      ORDNANCE REQUESTED

<u>CALL SIGN/UNIT</u>	<u>A/C TYPE</u>	<u>TOT (LOCAL)</u>	<u>ORDNANCE REQUESTED</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SUPPORTING SQUADRON/ POC NAME AND NUMBER \_\_\_\_\_

IP TO BE USED:    IP Bridge    IP Oneil    IP Case    OTHER \_\_\_\_\_

AIRSPACE SCHEDULED TO  
SUPPORT TRAINING \_\_\_\_\_

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

TANKER LOCATION (IF SCHEDULED) \_\_\_\_\_

LASER FP/LASER TRAINING AREA/LASER MODEL (IF SCHEDULED) \_\_\_\_\_

TAD #1 \_\_\_\_\_ TAD #2 \_\_\_\_\_

FAC's CALL SIGN \_\_\_\_\_

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