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18TH WING**

18TH WING INSTRUCTION 11-403

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Flying Operations

WEAPONS AND TACTICS PROGRAM



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This instruction implements Department of the Air Force Policy Directive (DAFPD) 11-4, *Aviation Service*. It sets forth the functional organization, duties, and specific responsibilities of the 18th Operations Support Squadron Weapons and Tactics Flight (18 OSS/OSK). As the group weapons and tactics shop, as defined by Department Air Force Manual (DAFMAN) 11-415, *Weapons and Tactics Programs*, it also provides guidance for the management of Squadron Weapons and Tactics programs for the 18 Wing (18 WG). This publication applies to 18 WG units at Kadena Air Base (AB). This Instruction requires the collection and or maintenance of information protected by the Privacy Act of 1974 authorized by 10 U.S.C. 8013 and Executive Order 9397. The applicable Privacy Act SORN F031 AF SP M, *Personnel Security Access Records*, is available at <http://dpcl.d.defense.gov/Privacy/SORNsm00/>. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with (IAW) the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command.

SUMMARY OF CHANGES

This document has been substantially revised and must be reviewed in its entirety. Major areas updated include (1) the inclusion of Theater Operations Center-Light (TOC-L), HH-60W, and F-

15EX MDS at Kadena, and (2) expanding the 18 WG Weapons and Tactics mission to include Operations (A333) and Plans (A335/7) divisions, enabling the 18 WG to meet the unique needs of Pacific Air Forces (PACAF) within the First Island Chain.

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1. General Guidance.

1.1. **Objective and Scope.** This operations instruction provides the 18 WG with a continuous, aggressive program to develop, document, and disseminate F-15, E-3, Air Control Squadron (ACS), Tactical Operations Center-Light (TOC-L), KC-135, and HH-60 employment tactics. To accomplish this, 18 OSS/OSK will ensure 18 WG's tactics are sound, aircraft munitions are fully mission ready, and aircrews are adequately trained. The major elements of the Weapons and Tactics Program include group mission training, exercises, mission planning, readiness and evaluation scenarios, and Tactics Techniques and Procedures (TTP) development. The 18 WG places special emphasis on joint, bilateral ground training, flying training, maintenance liaison, tactics analysis, and intelligence. To meet the unique needs of the 18 WG within PACAF, OSK has also expanded the Weapons and Tactics mission to include Operations and Plans divisions.

2. Weapons Shop Organization.

2.1. The 18OSS/OSK is manned with the following positions:

2.1.1. Chief, Wing Weapons and Tactics (18 OSS/OSK). DAFMAN 11-415, *Weapons and Tactics Programs*, mandates the Chief, Wing Weapons and Tactics be a graduate of US Air Force Weapons School (USAFWS) Weapons Instructor Course (WIC). The OSS unit manning document specifies an F-15 WIC graduate, but the chief position may be filled by any 18 WG representative Mission Design Series (MDS) WIC graduate, preferably one who has completed a Squadron Chief of Tactics tour. Maintains combat mission ready status. Reports to 18th Operations Support Squadron Commander (18 OSS/CC). All other positions in this paragraph (**paragraph 2**) report to 18 OSS/OSK unless otherwise noted.

2.1.2. Division Chief of Fighter Tactics (18 OSS/OSKF). DAFMAN 11-415 mandates the Chief of Fighter Tactics be a graduate of USAFWS WIC. Combat mission ready status highly desired but basic mission ready status required.

2.1.3. Dissimilar Air/Aircraft Combat Training (DACT) Liaison Officer. Preferably an Instructor F-15 pilot but may be filled by any fighter pilot/weapons systems officer (WSO) flight lead. If a fighter pilot/WSO cannot fill this position, the Command and Control (C2) Tactics Chief will provide baseline support from the Wing level to maintain Wing visibility. Other tasks will be delegated down to the individual Fighter Squadron supporting the event.

2.1.4. Electronic Combat Officer/Electromagnetic Warfare Officer (ECO/EWO) (18 OSS/OSKE). DAFMAN 11-415 mandates a graduate of the USAF Fighter Electronic Combat Officer Course (FECOC). May be delegated down to a fighter squadron with requirements to provide monthly updates to 18 OSS/OSKF and 18 OSS/OSK Chief. May be delegated down to airborne C2 squadron's Electronic Support Team (EST) Chair with the same monthly updates previously listed.

2.1.5. Range Training Office (RTO) Liaison (18 OSS/OSKR). Preferably an Instructor F-15 pilot but may be filled by any F-15 pilot/WSO flight lead. May be delegated down to a fighter squadron, in which case the squadron will identify a member and that individual will be considered attached to 18 OSS/OSK. Must maintain combat mission ready status.

2.1.6. Division Chief of Tanker Tactics (18 OSS/OSKT). DAFMAN 11-415 mandates the Chief of Tanker Tactics be a graduate of USAFWS KC-135 WIC. In the event this manning is not available, an Advanced Instructor Course (AIC) graduate may fulfill the Tanker Weapons Officer role. Must maintain combat mission ready status.

2.1.6.1. Deputy Division Chief of Tanker Tactics. Preferably a graduate of USAFWS KC-135 WIC/AIC but may be filled by a highly qualified evaluator or instructor pilot. Must maintain combat mission ready status.

2.1.7. Division Chief of C2 Tactics (18 OSS/OSKC). DAFMAN 11-415, mandates the Chief of C2 Tactics be a graduate of USAFWS 8WPS WIC. In the event this manning is not available, an AIC graduate may fulfill the C2 Weapons Officer role. Must maintain combat mission ready status.

2.1.7.1. Deputy Division Chief of C2 Tactics. Preferably a graduate of USAFWS 8WPS WIC/AIC but may be filled by a highly qualified evaluator or instructor Air Battle Manager (ABM). Must maintain combat mission ready status.

2.1.8. Division Chief of Rescue Tactics (18 OSS/OSKH). DAFMAN 11-415 mandates the Chief of Rescue Tactics be a graduate of USAFWS HH-60 WIC. In the event this manning is not available, an AIC graduate fulfill the Rescue Weapons Officer role. Must maintain combat mission ready status.

2.1.8.1. Deputy Division Chief of Rescue Tactics. Preferably a graduate of USAFWS HH-60 WIC/AIC but may be filled by a highly qualified evaluator or instructor pilot.

2.1.9. Non-Commissioned Officer in Charge (NCOIC) of Wing Weapons and Tactics. DAFMAN 11-415 mandates the NCOIC of Wing Weapons and Tactics be a USAFWS AIC graduate.

2.1.10. Division Chief of Operations. Should be a highly qualified Instructor or Evaluator (preferably with a C2 or Fighter background). A highly qualified non-instructor may temporarily fill the position with OSK Chief and OSS/CC concurrence.

2.1.11. Division Chief of Plans. Should be a highly qualified Instructor or Evaluator. A highly qualified non-instructor may temporarily fill the position with OSK Chief and OSS/CC concurrence.

2.1.12. NCOIC Tactics Link Management (18 OSS/OSKJ). Should be a 1A371 or 1C571 NCO with extensive experience in data link operations/employment. This individual must have completed or be scheduled for the Joint Multi-Tactical Data Link (TDL) School courses JT-101 (Joint Tactical Information Distribution System [JTIDS]), JT-102 (Multi-TADIL Advanced Joint Interoperability Course [MAJIC]), JT-201 (Link-16 Planners Course), and JT-220 (Link Unit Manager Course).

2.1.13. NCOIC, Survive, Escape, Resist, Evade (SERE) Operations and Training (18 OSS/OSK SERE). Must be graduate of Basic Airborne School, SERE 7 Level Course, Joint Resistance Training Instructor Course (or equivalent) and Level C Peacetime Government Detention Hostage Survival. Must possess a Secret Clearance and have a passing score on the SERE fitness test IAW AFI 16-1301, *Survival, Evasion, Resistance, and Escape (SERE) Program*. Additional course recommendations include PR 102, 210, and 240/241.

2.1.14. SERE Specialist (18 OSS/OSK SERE). Must be graduate of Basic Airborne School, Joint Resistance Training Instructor Course (or equivalent) and Level C Peacetime Government Detention Hostage Survival. Must possess a Secret Clearance and have a passing score on the SERE fitness test IAW AFI 16-1301. Additional course recommendations include PR 102, 210, and 240/241.

2.2. The Chief, Wing Weapons and Tactics will:

2.2.1. Maintain a roster of designated representatives for unmanned OSK positions as described above. This roster will also include Weapons Officer contacts for all non-18 WG assigned units deployed to Kadena AB (i.e. RC-135, 353 SOW, CTF-72, deployed fighter units). This roster will serve in lieu of an appointment letter.

3. Administration.

3.1. 18OSS/OSK will:

3.1.1. Maintain thorough knowledge of the current threat within contingency areas. Provide close cooperation between the Weapons/Tactics and Intelligence functions to effectively accomplish the mission of both functions while maximizing synergistic benefits.

3.1.2. Assess the wing's capability to accomplish its assigned mission within the contingency area based on live flying events to include, but not limited to: Mission Focused Exercises (MFEs), Large Force Employments (LFEs), daily flying, and events dictated within the 18 WG Quarterly Training Plan, simulator, or Distributed Mission Operations (DMOs).

3.1.3. Document deficiencies and successes through lessons learned/After Action Report and disseminate to the squadrons while maintaining a file on Non-secure Internet Protocol Router (NIPR), Secure Internet Protocol Router (SIPR), or Joint Worldwide Intelligence Communications System (JWICS) as required.

3.1.4. Coordinate and run the 18 WG Quarterly Training Plan ([Attachment 11](#)).

3.1.5. Maintain a Wing Tactics library, using those publications contained in DAFMAN 11-415 as a guide ([Attachment 9](#)). The 561 Joint Tactics Squadron (561 JTS) website may be used in lieu of a repository.

3.1.6. Act as the focal point for the nomination of 18WG aircrew to attend the USAFWS WIC/AIC at Nellis Air Force Base (AFB), Nevada ([Attachment 10](#)).

3.1.7. Serve as the office of primary responsibility (OPR) for the 18 WG Turkey Shoot, Shogun Sword, or other competition program ([Attachment 2](#)).

3.1.8. Coordinate 18 WG participation at the following weapons and tactics related conferences: Korean Air Warriors Conference (KAWC), 607/613 Air Operations Center (AOC) Strategy /MAAP Conferences, Tactics Analysis Team conferences, and any other planning conferences directly involving 18 WG support of tasked OPLANs. Attend PACAF Weapons and Tactics (WEPTAC) Conference and Tactics Review Board (TRB); coordinate participation in Combat Air Force (CAF) WEPTAC Conference and CAF TRB.

3.1.9. Develop and maintain wing tactics/employment standards to supplement Air Force Tactics, Techniques, and Procedures (AFTTP) 3-1 volumes as required. In general, the TRB process should be used to update CAF standards and 18 WG unique TTPs should be kept to a minimum.

3.1.10. Attend AFTTP 3-1 and 3-3 rewrite conferences for the following: AFTTP 3-1/3-3.F-15, AFTTP 3-1/3-3.Airborne Warning and Control System (AWACS), AFTTP 3-1/3-3.KC-10/135, AFTTP 3-1/3-3.HH-60, AFTTP 3-1.Threat Guide, and AFTTP 3-1/3-3.TACS, 3-1/3-3.Aeromedical Evacuation (AE), 3-1/3-3.Isolated Personnel (IP), AFTTP 3-1/3-3.Rivet Joint (RJ). These rewrite conferences are usually held once every 2-3 years. See 561 JTS SIPR website or OSK distro for conference dates pertaining to each specific MDS (<https://intelshare.intelink.sgov.gov/sites/561jts/default.aspx>).

3.2. Wing Annual Administration. 18 OSS/OSK will complete the following annually:

3.2.1. Update Wing Tactical Employment Standards as required.

3.2.2. Administer the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis to recognize superior performance (**Attachment 2**).

3.2.3. Conduct 18 WG Weapons and Tactics Review Board (NLT 30 Aug) to analyze significant events and intelligence data that may require changes to current tactics and training procedures.

3.2.4. Review submitted Tactics Improvement Proposals (TIPs) to PACAF Weapons and Tactics (A3TW).

3.3. Wing Semi-Annual Administration. 18 OSS/OSK will complete the following semi-annually:

3.3.1. Solicit and coordinate 18 WG USAFWS WIC and AIC nominations (May/Nov) IAW DAFMAN 11-415, *Weapons and Tactics Programs*, and **Attachment 10**.

3.3.2. Review Wartime Readiness Munitions (WRM) inventory at Kadena and maintain contact with points of contact (POCs) for inventory awareness at Collocated Operating Base (COB).

3.4. Wing Quarterly Administration. 18 OSS/OSK will complete the following every quarter:

3.4.1. Coordinate with 18 WG Plans (XP) and 18th Operations Group Standardizations and Evaluations (OGV) on Mission Focused Exercises (MFE), Unit Verifications, and Part Task Trainers for the quarter and assist in Wing preparations.

3.4.2. Coordinate with Kadena Reception Working Group (KRWG) and XP on upcoming rotational units' deployment plans to Kadena.

3.4.3. Coordinate and publish a *Quarterly Wing Training Plan*; to include a wing verification, Distributive Mission Operations, Large Force Employment Exercises, and Wing Weapons and Tactics Talks (WATTs). Squadron Weapons Officers or the appropriate representative will provide input to create the baseline training plan and then it will be vetted with Squadron Director of Operations to ensure individual training plans are supported by the Wing's objectives. A member of 18 OSS/OSK will email the Quarterly Wing Training Plan to the Operations Group Commander (OG/CC), Squadron

Commanders, and Squadron Weapons Officers in addition to updating the Wing Flying schedule to ensure OG/CC, Maintenance Group Commander, and Squadron Commanders have visibility into the training plan. The Quarterly Wing Training Plan will be uploaded to the OSK SharePoint site NLT one week post the final Quarterly Training Plan Meeting (**OSK - Wing Quarterly Training Plan - All Documents**).

3.5. Wing Monthly Administration. 18 OSS/OSK will complete the following monthly or as required.

3.5.1. Host a hotwash of all planned or executed aerial integration from the previous month within the Quarterly Wing Training Plan to assess effectiveness, debrief missed opportunities, and update the plan as required to meet 18 WG unit needs.

3.5.2. Host a hotwash of all planned or executed Higher Headquarters missions from the previous month with 613 AOC Strategic Reconnaissance Division (SRD), Combat Plans Division (CPD), and Master Air Attack Planning (MAAP) teams.

3.5.3. Host the Kadena Communications and Link Working Group (KCLWG) to identify unit issues and further wing knowledge of theater communications and datalink architecture.

3.5.4. Attend the Wing Exercises Brief and brief Wing, Group, and Squadron leadership (upon request) on all PACAF A37 planned exercises and Operations, Activities and Investments (OAI) involving 18 WG units.

3.5.5. Act as a liaison between operations and maintenance for all matters pertaining to F-15 weapons employment. Document deficiencies which cannot be corrected at wing level and submit in writing to Higher Headquarters problem statements plus recommended corrective actions.

3.5.6. Review monthly wing munitions expenditures report.

4. Responsibilities.

4.1. The Chief, Wing Weapons and Tactics will:

4.1.1. Establish and lead the 18 OSS/OSK IAW Higher Headquarters Instructions, local directives, and 18 OG/CC guidance.

4.1.2. Assess the capability of the wing to perform assigned and contingency missions with available resources employing prescribed tactics. Brief the 18 OG/CC and 18 WG/CC, as required, on measures of combat capability.

4.1.3. Manage 18 WG participation in operational contingency planning and operations. In the event the 718 Air Expeditionary Wing (AEW) stands up, serve as the A33 Chief.

4.1.3.1. Management of 18 WG participation in higher headquarter rehearsals in competition may be delegated to the Division Chief of Operations.

4.1.4. Integrate F-15, KC-135, AWACS, ACS, PATRIOT, MACS, HH-60, Combat Rescue Officer/Pararescueman (CRO/PJ), 18th Aeromedical Evacuation Squadron (18 AES), 18th Combat Intelligence Cell (CIC), Expeditionary Fighter Squadron (EFS) units, and 18 OSS functions into wing exercises/training and enhance wing training, analysis, and corrective procedures.

4.1.5. Act as the focal point for 18 WG nominations to attend the USAF Weapons Instructor Courses (**Attachment 10**), Advanced Instructor Weapons Director Course, and United States Navy (USN) and United States Marine Corps (USMC) Tactics Courses (TOPGUN, CAEWS, MDTC, WTI).

4.1.6. Convene squadron weapons and tactics officer meetings as needed to discuss the status of on-going tactics programs, disseminate weapons and tactics information, and discuss initiatives to improve 18 WG combat capability and integration.

4.1.7. Solicit and forward inputs on desired changes and recommendations for AFTTP 3-1/3-3 volumes that are applicable to 18 WG employment. Changes, recommendations, and draft material should arrive at the 561st Model Manager (MM) prior to the conference beginning. Time should be allotted to ensure the intent of the changes is understood by the 561st MM. Applicable regulations are:

4.1.7.1. AFTTP 3-3.IPE Combat Fundamentals IPE (OPR: 18 OSS/OSK).

4.1.7.2. AFTTP 3-1/3.3.F-15 (OPR: 18 OSS/OSKF).

4.1.7.3. AFTTP 3-1/3.3.AWACS/RJ/TACS/CRC/BCC (OPR: 18 OSS/OSKC).

4.1.7.4. AFTTP 3-1/3-3.KC-46/KC-135 (OPR: 18 OSS/OSKT).

4.1.7.5. AFTTP 3-1/3.3.HH-60 (OPR: 18 OSS/OSKH).

4.1.7.6. AFTTP 3-1/3-3.IP (OPR: 18 OSS/SERE).

4.1.7.7. AFTTP 3-1/3-3.AE (OPR: 18 AES/CC).

4.1.8. Solicit and forward inputs on desired changes and recommendations for the Joint Pacing CONOP Challenge (JPCC) that are applicable to 18 WG employment. Changes, recommendations, and draft material should be forwarded to the USAF Warfare Center (USAFWC).

4.2. The Division Chief of Fighter Tactics will:

4.2.1. Act as a focal point for 18 WG in the areas of tactics development, planning, and execution for Wing training and combat operations.

4.2.2. Integrate F-15 with other fighter MDS, KC-135, C2ISR, HH-60, CRO/PJ, AES, 1-1 ADA and OSS functions within wing exercises/training to enhance wing training, analysis, and correction procedures.

4.2.3. Monitor squadron administration of Weapons Academics Training IAW appropriate aircraft/mission system regulations.

4.2.4. Administer the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis (**Attachment 2**). Profiles will change according to mission emphasis, e.g., force protection, area defense, point defense, pure sweep profiles or Combat Search and Rescue.

4.2.5. Work with the Chief of Wing Weapons and Tactics and Squadron Chief of DOW to develop unit tactics/employment standards.

4.2.6. Review and disseminate weapons and tactics information to squadron tactics organizations.

4.2.7. Plan and coordinate visits from the 57th Wing (57 WG): USAFWS instructors and 422nd Test and Evaluation School (TES) instructors.

4.2.8. Maintain familiarity with the current threat within contingency areas. Identify Limiting Factor (LIMFACS) and shortfalls and tactical/hardware solutions to those issues.

4.3. The DACT Liaison Officer will:

4.3.1. Conduct the 18 WG DACT Program. Work in conjunction with unit liaisons and 18 OSS/OSO to coordinate all DACT (flown in the local area) between the 18 WG and other US and allied units. Coordinate/provide for the provision of a host unit and project officer to assist with arrangements for adversary units ([Attachment 5](#), [Attachment 6](#), and [Attachment 7](#)).

4.3.2. Coordinate with 18 OSS/OSK to provide DACT assets in wing exercises and daily training.

4.3.3. Coordinate with 18 OSS/OSKE and appropriate units/off-island support to facilitate Electronic Attack (EA)/Electronic Protection (EP) training for all units to include C2.

4.3.4. Coordinate with the 18 OSS/JASDF Liaison Officer (LNO) for bilateral desired learning objectives (DLOs) for the next quarter's training plan, in addition to be the focal point for bilateral exercises and US/JASDF DLO requirements (e.g. Southern Beach).

4.4. The Range Training Officer will:

4.4.1. Coordinate with 18 CS to maintain equipment and review local range radios and equipment to ensure RTO operations can support local flying training.

4.4.2. Coordinate with PACAF A317 for support of equipment as required.

4.4.3. Maintain RTO training and execution products for RTO Operations.

4.4.4. Maintain list of RTO operators.

4.4.5. Advise WG, OG, and SQ CC's of key issues with equipment capabilities that inhibit flying and training operations.

4.5. The Electromagnetic Combat Officer/Electromagnetic Warfare Officer (ECO/EWO) will:

4.5.1. Be the focal point for all 18 OG Electronic Combat (EC) related issues and the EC expert for the wing. Knowledge will include a thorough understanding of Wing MDS EA and EP capabilities, as well as 18 WG Instruction 10-703, *Electronic Warfare Integrated Reprogramming*.

4.5.2. Coordinate with squadron Electronic Combat Pilot (ECP)/ECOs to include EC training in the squadron training plan.

4.5.3. Procure and distribute wing EC assets to the squadrons and ensure they are used for EC flight training.

4.5.4. Ensure squadron ECP/ECOs monitor both pilot and equipment performance during EC training events and work with them to correct any deficiencies to maximize wing mission capability.

4.5.5. Be the Maintenance Liaison for all EC related on-board systems including, but not limited to, Eagle Passive Active Warning Survivability System (EPAWSS), Identification Friend or Foe (IFF), Mode 5, Counter Measure Dispenser (CMD), Radar Warning Receiver (RWR), Link-16/Fighter Data Link (FDL), and Electronic Combat (EC) pods.

4.5.6. Be the liaison between the squadrons and the munitions shop and keep accurate records of bullet, chaff, and flare expenditures. A report will also be submitted each month updating the current inventory of expendables. This report will be sent to each squadron ECP/ECO as well as the 18 OSS/CC and 18 OG/CC.

4.5.7. Coordinate with the 18th Munitions Squadron (18 MUNS) to ensure each squadron receives its annual allotment of expendables and uses that allotment. Prepare for 18 WG out-of-cycle allocations no later than (NLT) March to maximize training expenditures.

4.5.8. Be the POC for all Serene Byte/Pacer Ware messages.

4.5.9. Be the primary POC for all F-15 avionics related systems. Coordinate with maintenance to ensure that all systems are reliable, note any deficiencies, and fix any problems.

4.5.10. Work closely with the two F-15 squadron ECPs to ensure the wing the best possible EC capability. The ECP will hold meetings, as required, with the squadron ECPs to discuss current events, system upgrades, training opportunities, etc.

4.5.11. Maintain a reference file of EC weapons and tactics related regulations, manuals and instructional and/or informative documents available for wing use.

4.5.12. Review all incoming EC related publications, bulletins, and reports and disseminate the appropriate information to the squadron ECP/ECOs.

4.5.13. Provide an EC simulator scenario for the wing pilots to use.

4.5.14. Ensure that the squadrons ECP/ECOs are providing the wing ECP with feedback on the squadrons' EC strengths and weaknesses and trends regarding pilot and weapons system capabilities.

4.5.15. Coordinate with 18 OSS/OSKD and appropriate units/off-island support to facilitate EA/EP training for all units to include C2.

4.6. The Division Chief of Tanker Tactics will:

4.6.1. Maintain familiarity with the current threat within contingency areas.

4.6.2. Ensure 18 WG contingency plans utilize sound tactical employment principles. Coordinate changes to contingency operations through the Chief of Wing Weapons, PACAF A5X or applicable Operations Planners.

4.6.3. Support the Division Chief of Plans (OSKX) and the 909th Air Refueling Squadron (909 ARS) for Squadron Certification. Coordinate tanker participation in the 18 WG Verification Program ([Attachment 11](#)).

4.6.4. Ensure crewmembers are ready to brief procedures, requirements, and duties of their respective crew specialty during all phases of the unit's conventional tasking.

4.6.5. Develop and administer the KC-135 portion of the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis. Provide aircrews with competition routing, grading criteria, and air refueling coordination.

4.6.6. Integrate KC-135 with other fighter MDS, KC-135, C2ISR, HH-60, CRO/PJ, AES, 1-1 ADA and OSS functions within wing exercises/training to enhance wing training, analysis, and correction procedures. Act as primary tactics program manager for the 909 ARS and perform the duties outlined in [paragraph 4.14](#) when the tanker squadron tactics office is unfilled.

4.6.7. Maintain familiarity with the current threat within contingency areas. Identify Limiting Factor (LIMFACS) and shortfalls and tactical/hardware solutions to those issues.

4.7. The Deputy Chief of Tanker Tactics will:

4.7.1. Assist the Division Chief of Tanker Tactics in fulfilling all roles and responsibilities.

4.8. The Division Chief of C2 Tactics will:

4.8.1. Act as a focal point for 18 WG in the areas of tactics development, planning, and execution for C2 training and combat operations.

4.8.2. Maintain a list of each C2 unit's ability to meet assigned taskings.

4.8.3. Maintain a liaison relationship with all C2 units and wing level agencies (PACAF A310, 961 AACS, 623 AACS, MACS-4, 610 ACF, and ACC), including program offices for new equipment for the purpose of optimizing C2 employment tactics.

4.8.4. Develop and administer the C2 portion of the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis. Provide aircrews with competition routing, grading criteria, and air refueling coordination.

4.8.5. Act as OPR of Kadena Communications and Link Working Group (KCLWG) to highlight Wing Secure Communications issues. This will be brief to 18 OG and/or Wing leadership monthly with a goal of establishing 95% Secure Communications and Link interoperability on a day-to-day basis.

4.8.6. Develop and implement cross training programs/events between air control units to inspire cohesion and unity (Fighter Liaison Program, verification briefs, etc.). Offices of Collateral Responsibility (OCR) are 18 OSS/OSKF and 18 OSS/OSKT.

4.8.7. Act as a focal point for C2 units in updating/revising tactics employment standards, manuals and operating instructions.

4.8.8. Represent the 18 WG on C2 employment issues at theater level conferences.

4.8.9. Coordinate with applicable Intelligence, Surveillance, Reconnaissance (ISR) agencies (18 CIC, 82 RS, 390 IS) to ensure effective integration of ISR objectives and DLOs into Quarterly Wing Training Plans and daily ops.

4.8.10. Integrate F-15, KC-135, AWACS, TCOT, PATRIOT, MACS, HH-60, Combat Rescue Officer/Pararescueman (CRO/PJ), 18 AES, 18 CIC and 18 OSS functions into wing exercises/training and enhance wing training, analysis, and corrective procedures.

4.8.11. Appoint a Fighter Liaison (GCI) officer to assist in the development and maintenance of the Fighter Liaison Program. Inspire and promote a sense of cohesion and unity between 18 Wing Pilots, ABMs, and Air Weapons Controllers (AWC).

4.8.12. Maintain an active program to promote the conduct of mission briefings and debriefings with ABM/AWC. Maintain active feedback program with fighter, tanker, and rescue crews.

4.8.13. Serve as the Wing C2 focal point for military deception (MD) planning and implementation as directed by HQ PACAF/JOIO Information Operations Program.

4.8.14. Maintain familiarity with the current threat within contingency areas. Identify Limiting Factor (LIMFACS) and shortfalls and tactical/hardware solutions to those issues.

4.9. The Deputy Chief of C2 Tactics will:

4.9.1. Assist the Division Chief of C2 Tactics in fulfilling all roles and responsibilities.

4.10. The Division Chief of Rescue Tactics will:

4.10.1. Act as the focal point in the 18 OSS for helicopter and personnel recovery related issues including tactics development, planning and execution for training and combat operations and capabilities.

4.10.2. Integrate HH-60W with F-15, C2, KC-135, CRO/PJs, AES, rotational deployed forces, and OSS functions within wing exercises/training to enhance wing training, analysis, and correction procedures.

4.10.3. Coordinate the nomination process for HH-60W candidates for USAFWS WIC.

4.10.4. Develop and administer the Rescue portion of the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis. Provide aircrews with competition routing, grading criteria, and air refueling coordination.

4.10.5. Plan the Combat Search and Rescue (CSAR) White Cell portion to any exercises within the 18 WG

4.10.5.1. The 33 RQS can release the Division Chief, Rescue Tactics Officer (OSKH) in case of a real-world event or if a planning role is required for an exercise/operation.

4.10.6. Maintain familiarity with the current threat within contingency areas. Identify Limiting Factor (LIMFACS) and shortfalls and tactical/hardware solutions to those issues.

4.11. Deputy Chief of Rescue Tactics will:

4.11.1. Assist the Division Chief of Rescue Tactics in fulfilling all roles and responsibilities.

4.12. **NCOIC of Wing Weapons and Tactics will:**

4.12.1. Support the Chief of Wing Weapons and Tactics in joint and interagency integration, advanced problem solving, and strategic policy.

4.12.2. Create actionable items for execution in support of paragraphs [2.1.1](#) through [2.1.8](#).

4.12.3. Manage the deliberate development of Squadron Tier 1 AIC graduates and identify future USAFWS applicants.

4.12.4. Support the Chief of Wing Weapons and Tactics in creation and execution of advanced, complex, and dynamic future armed conflict scenarios for wing verifications.

4.13. Division Chief of Operations:

4.13.1. Act as the focal point in the 18 WG for daily operations related to HHQ tasking including coordination, planning, and execution for Air Tasking Order (ATO) signed operations and alert missions.

4.13.2. Will align the 18 WG Quarterly Aerial Integration and Training plan with the PACAF Current Operations Working Group (COWG).

4.13.3. Will ensure all 18 WG HHQ taskings are debriefed with lesson's learned disseminated to participating units and the 613 AOC Combat Plans Division (CPD).

4.13.4. Act as OPR for the OSK SIPR SharePoint.

4.14. Division Chief of Plans:

4.14.1. Act as the focal point in the 18 WG for exercises and readiness planning with PACAF A37 (including oversight of Wing Project Officer (PROJO), DLO management, and OAI coordination).

4.14.2. Will align the 18 WG FY Exercise Calendar with the PACAF A37 FY Exercise Calendar.

4.14.3. Will act as the execution arm of Wing Verification and Readiness Exercises/Competitions.

4.14.4. Will coordinate with the Chief of Wing Weapons and Tactics for OSK's support plan of 18 WG Exercises.

4.14.5. Will ensure all 18 WG After Action Reports (AARs) and assessments are hung on the OSK NIPR or SIPR SharePoint along with any PACAF A37 AARs.

4.14.6. Act as OPR for the OSK NIPR Exercise Teams Page.

4.15. NCOIC Tactics Link Management:

4.15.1. Support the Sector Interface Control Cell (SICC) as the 18 OG's focal point for the planning and operation of TDL in support of daily training, exercise participation and contingency employment.

4.15.1.1. Will review the OPTASKLINK to ensure it assigns all functional network roles, such as Network Time Reference (NTR), Initial Entry JTIDS Unit (IEJU), Navigation Controller (NC), Secondary NC (SNC), Position References (PRs), and Primary Users.

4.15.1.2. Ensure that all cryptographic material identified in the OPTASKLINK is available for all identified users through the Base Communication Security (COMSEC) Manager.

4.15.2. Maintain a list of all Unit JTIDS managers and coordinate to resolve issues and maintain a database of lessons learned.

4.15.3. Maintain a JTIDS Network Design library consisting of network description documents and associated load files for all networks likely to be utilized by 18 WG assigned assets.

4.15.4. Maintain a liaison with other TDL operators on Okinawa, mainland Japan, in Korea, and with the US 7th Fleet to coordinate joint training opportunities and maximize combat capabilities.

4.15.5. Participate as a member of the Combat Planning Cell.

4.15.6. Coordinate with OSKC, OSK to host Link focused training via mobile training teams (i.e. JTIDS 102/220).

4.15.7. Maintain familiarity with the current threat within contingency areas. Identify Limiting Factor (LIMFACS) and shortfalls and tactical/hardware solutions to those issues.

4.16. The 18WG SERE:

4.16.1. Act as the 18 WG focal point for Personnel Recovery and aircrew training.

4.16.2. Develop and administer in conjunction with the Division Chief of Rescue Tactics the PR portion of the 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis. Provide aircrews with competition routing, timing, and grading criteria.

4.16.3. Review and update Personnel Recovery Special Instructions (PR SPINS) for all applicable 18 WG exercises and events.

4.16.4. Develop mission plans to include survivor participation, aircraft/team support, and logistical support requirements.

4.16.5. Performs observer/controller duties to include data collection, performance feedback, safety, and emergency field medical treatment.

4.16.6. Coordinate and perform airborne operations as required.

4.16.7. Develop, review, and update Personnel Recovery Joint Tactics, Techniques and Procedures (PR JTTP) smart book and ensure 18 WG personnel have access for PR planning purposes.

4.16.8. Provide Subject Matter Experts (SMEs) policy guidance, and oversight of Isolated Personnel Reports (ISOPREP), Personnel Recovery Mission Software (PRMS), Evasion Charts (EVC), Blood Chit, and PR kits (PRK).

4.16.9. Research SERE information for Evasion Plan of Action (EPA) development.

4.16.10. Coordinate with Aircrew Flight Equipment and Intelligence personnel to determine PRK items, containers, employment methods, and conduct necessary PRK training events.

4.16.11. Act as 18th Wing PRK manager.

4.16.12. Act as 18th Wing PRMS unit manager.

4.16.13. Act as 18th Wing Blood Chit manager.

4.16.14. Act as 18th Wing EVC manager.

4.16.15. Provide 18th Wing High Risk of Isolation (HRI) theatre preparation training.

4.16.16. Coordinate and support 18th Wing Area of Operational Responsibility (AOR) reintegration operations as required.

4.17. Fighter Squadron Chief of Weapons and Tactics. DAFMAN 11-415 mandated that the Chief of Squadron DOW will be a graduate of the Weapons Instructor Course and should:

4.17.1. Maintain a thorough knowledge of the threat and assess the unit's capability to perform assigned mission tasking.

4.17.2. Assure timely dissemination of appropriate tactics-related information to assigned pilots.

4.17.3. Maintain a unit tactics library ([Attachment 9](#)).

4.17.4. Maintain familiarity with the contents of AFTTP 3-1/3-3 that are pertinent to the unit mission.

4.17.5. Act as unit focal point for unit participation in 18 WG Turkey Shoot, Shogun Sword, or other competition program on a repetitive basis ([Attachment 2](#)).

4.17.6. Serve as unit focal point for mission planning in conjunction with actual contingency plans, Fragmentary Order (FRAG) ATOs, exercises, and inspections. Serve as the unit focal point for recommended scheduling of pilots during tactics-related upgrade programs (both ground and flying related).

4.17.7. Conduct a unit Electronic Combat program to include adequate training, sorties, academics, and emphasis to ensure squadron combat capability in an electronic combat environment.

4.17.8. Develop programs and inspire participation in cross-training events between various platforms in the 18th Operations Group.

4.17.9. Coordinate with Stan/Eval Division on tactical operations, techniques, maneuvers, concepts, and deficiencies noted on unit evaluations.

4.17.10. Conduct an annual squadron TRB prior to 15 August. TRB should analyze significant events and intelligence data that may require changes to current tactics and training procedures. Forward any Tactics Improvement Proposals (TIPs) to 18 OSS/OSK.

4.17.11. Maintain flying/instructor currency and training levels.

4.17.12. Act as a liaison between operations and maintenance activities to identify and analyze deficiencies in equipment and procedures which may inhibit mission accomplishment.

4.17.13. Act as unit liaison between the squadron and flight-line maintenance to ensure video recording systems are adequate to meet mission needs. Ensure unit pilots and supervisors review tapes in a timely manner.

4.17.14. Appoint a ground control intercept (GCI) liaison officer to assist in the development and maintenance of the Fighter Liaison Program. Inspire and promote a sense of cohesion and unity between 18 WG F-15 pilots and Air Weapons Controllers.

- 4.17.15. Maintain an active program to promote the conduct of mission briefings and debriefings with Air Weapons Controllers. Maintain an active feedback program with the tanker and rescue crews.
- 4.17.16. Serve as the unit-level focal point for military deception (MD) planning and implementation as directed by HQ PACAF/DOIO Information Operations Program.
- 4.17.17. Administer the Weapons and Tactics Academic Training Program for the unit.
- 4.17.18. Document unit Combat Archer/Weapons System Evaluation Program (WSEP) participation and track unit assigned and attached pilot accomplishments and requirements IAW appropriate training regulations.
- 4.17.19. Act as focal point for DACT (**Attachment 5**, **Attachment 6**, and **Attachment 7**).
- 4.17.20. Nominate WIC course attendees and forward to 18 OSS/OSK.
- 4.18. **C2 Squadron Chief of Weapons and Tactics.** The Chief of Weapons and Tactics should be a graduate of the USAF Weapons Instructor Course. The chief will be a highly qualified Air Battle Manager or a graduate of Advanced Weapons Director School and will:
- 4.18.1. Maintain a thorough knowledge of potential combat tasking, the threat, and specific theater command and control capabilities and limitations. Assess the unit's capability to perform assigned mission tasking.
- 4.18.2. Assure timely dissemination of appropriate tactics-related information to unit personnel.
- 4.18.3. Maintain a unit tactics library (**Attachment 9**).
- 4.18.4. Maintain familiarity with the contents of AFTTP 3-1/3-3 that are pertinent to the unit mission.
- 4.18.5. Act as unit focal point for participation in the 18 WG Turkey Shoot Competitions. Provide guidance on the selection of C2 teams to participate in the competition and forward their names to 18 OSS/OSK prior to competition start. Coordinate with the other control unit and 18 OSS/OSKC to establish a panel of judges to evaluate the C2 portion of the competition (**Attachment 2**).
- 4.18.6. Serve as unit focal point on all facets of the unit mission planning in conjunction with actual contingency plans, FRAG ATOs, exercises, and inspections. Serve as the unit focal point for recommended scheduling of controllers during tactics related ground and flying training and/or upgrade programs.
- 4.18.7. Conduct a unit EC Program while coordinating with 18 OSS/OSKE to provide adequate training, academics, and emphasis, as applicable, to ensure squadron combat capability in an EC environment.
- 4.18.8. Develop programs and inspire participation in cross-training events between various platforms.
- 4.18.9. Coordinate with Stan/Eval Division on tactical operations, techniques, maneuvers, concepts, and deficiencies noted on unit evaluations.

- 4.18.10. Conduct an annual squadron TRB prior to 15 August. TRB should analyze significant events and intelligence data that may require changes to current tactics and training procedures. Forward any TIPS to 18 OSS/OSK.
 - 4.18.11. Maintain flying/instructor currency and training levels.
 - 4.18.12. Ensure maximum use of available video and audio recording equipment during missions for use during instruction, mission reconstruction, and debriefing.
 - 4.18.13. Appoint Air Battle Managers (ABMs)/Weapon Directors (WDs) to the Fighter Liaison Program. Inspire and promote a sense of cohesion and unity between 18 WG pilots and controllers.
 - 4.18.14. Maintain an active program to promote the conduct of mission briefings and debriefings with 18 WG pilots.
 - 4.18.15. Serve as the unit-level focal point for MD planning and implementation as directed by HQ PACAF/DOIO.
 - 4.18.16. Be the unit focal point for inputs to OPLANs, C2 issues, etc.
 - 4.18.17. Nominate WIC/AIC course attendees and forward to 18 OSS/OSK.
- 4.19. **Tanker Squadron Chief of Tactics.** Should be a rated instructor graduate of WIC or KC-135R Combat Employment School and will:
- 4.19.1. Maintain a thorough knowledge of potential combat tasking and the threat. Assess the unit's capability to perform assigned mission tasking.
 - 4.19.2. Assure timely dissemination of appropriate tactics-related information to unit personnel.
 - 4.19.3. Maintain a unit tactics library ([Attachment 9](#)).
 - 4.19.4. Maintain familiarity with the contents of AFTTP 3-1/3-3 that are pertinent to the unit mission.
 - 4.19.5. Act as unit focal point for participation in the 18 WG Turkey Shoot Competitions.
 - 4.19.6. Serve as the unit focal point on all facets of the unit mission planning in conjunction with actual contingency plans, FRAG ATOs, exercises, and inspections. Serve as the unit focal point for recommended scheduling of controllers during tactics related ground and flying training and/or upgrade programs.
 - 4.19.7. Develop planning documents and tactics in support of unit tasking.
 - 4.19.8. Develop programs and inspire participation in cross-training events between various platforms in the 18 OG.
 - 4.19.9. Coordinate with Stan/Eval Division on tactical operations, techniques, maneuvers, concepts, and deficiencies noted on unit evaluations.
 - 4.19.10. Conduct an annual squadron TRB prior to 15 August. TRB should analyze significant events and intelligence data that may require changes to current tactics and training procedures. Forward any Tactics Improvement Proposals (TIPs) to 18 OSS/OSK.
 - 4.19.11. Maintain flying/instructor currency and training levels.

4.19.12. Nominate WIC course attendees and forward to 18 OSS/OSK.

4.20. **Rescue Squadron Chief of Tactics.** The Chief of DOW should be a graduate of the USAFWS Weapons Instructor Course and should:

4.20.1. Maintain a thorough knowledge of the threat and assess the unit's capability to perform assigned mission tasking.

4.20.2. Assure timely dissemination of appropriate tactics-related information to assigned rescue crews.

4.20.3. Maintain a unit tactics library ([Attachment 9](#)).

4.20.4. Maintain familiarity with the contents of AFTTP 3-1/3-3 that are pertinent to the unit mission.

4.20.5. Act as unit focal point for participation in 18 WG Turkey Shoot competitions.

4.20.6. Serve as unit focal mission planning in conjunction with actual contingency plans, FRAG ATOs, exercises, and inspections. Serve as the unit focal point for recommended scheduling of crews during tactics related ground and flying training/upgrade programs.

4.20.7. Conduct a unit EC Program while coordinating with 18 OSS/OSKE to provide adequate training, academics, and emphasis, as applicable, to ensure squadron combat capability in an EC environment.

4.20.8. Develop programs and inspire participation in cross-training events between various platforms.

4.20.9. Coordinate with Stan/Eval Division on tactical operations, techniques, maneuvers, concepts, and deficiencies noted on unit evaluations.

4.20.10. Conduct an annual squadron TRB prior to 15 August. TRB should analyze significant events and intelligence data that may require changes to current tactics and training procedures. Forward any TIPs to 18 OSS/OSK.

4.20.11. Maintain flying/instructor currency and training levels.

4.20.12. Act as a liaison between operations and maintenance activities to identify and analyze deficiencies in equipment and procedures which may inhibit mission accomplishment.

4.20.13. Administer Weapons and Tactics academic training for the unit.

4.20.14. Instruct and interpret concepts, tactics, techniques, procedures, maneuvers, and threat capabilities.

4.20.15. Distribute tactics-related course outlines, lesson plans, and training material. Conduct a threat training program.

4.20.16. Monitor levels of HH-60 munitions to include 7.62mm, .50 Cal, Smokes (Mk-6, Mk-13, Mk-25, Mk-124), Sea Dye, and ground munitions (5.56mm, 7.62mm and 9mm).

4.20.17. Nominate WIC course attendees and forward to 18 OSS/OSK.

NICHOLAS B. EVANS
Brigadier General, USAF
Commander, 18th Wing

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

DAFPD11-4, *Aviation Service*, 16 July 2024

DAFMAN 11-415, *Weapons and Tactics Programs*, 1 August 2023

AFI 16-1301, *Survival, Evasion, Resistance, and Escape (SERE) Program*, 3 August 2017

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

18WGI10-703, *Electronic Warfare Integrated Reprogramming*, 8 October 2009

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AAR—After Action Report

AB—Air Base

ABM—Air Battle Manager

ACC—Air Combat Command

ACS—Air Control Squadron

ACO—Airspace Control Order

AEW—Air Expeditionary Wing

AFB—Air Force Base

AFI—Air Force Instruction

AFTTP—Air Force Tactics, Techniques, and Procedures

AIC—Advanced Instructor Course

AMU—Aircraft Maintenance Unit

AOC—Air Operations Center

AOR—Area of Operational Responsibility

ARS—Air Refueling Squadron

ATO—Air Tasking Order

AWACS—Airborne Warning and Control System

AWC—Air Weapons Controllers

C2—Command and Control

CAF—Combat Air Forces

CIC—Combat Intelligence Cell
CMD—Counter Measure Dispenser
COB—Collocated Operating Base
COMSEC—Communication Security
COWG—Current Operations Working Group
CPD—Combat Plans Division
CRO—Combat Rescue Officer
CSAR—Combat Search and Rescue
CT—Continuation Training
DACT—Dissimilar Air/Aircraft Combat Training
DAFMAN—Department of the Air Force Manual
DAFPD—Department of the Air Force Policy Directive
DCA—Defensive Counterair
DETCO—Detachment Commander
DLO—Desired Learning Objective
DMO—Distributive Mission Operations
DOW—Director of Operations Weapons
EA—Electronic Attack
EC—Electronic Combat
ECO—Electronic Combat Officer
ECP—Electronic Combat Pilot
EFS—Expeditionary Fighter Squadron
EP—Electronic Protection
EPA—Evasion Plan of Action
EPAWSS—Eagle Passive Active Warning Survivability System
EST—Electronic Support Team
EVC—Evasion Charts
EWO—Electromagnetic Warfare Officer
FDL—Fighter Data Link
FECOC—Fighter Electronic Combat Officers Course
FRAG—Fragmentary Order
GCI—Ground Control Intercept

HHQ—Higher Headquarters
HRI—High Risk of Isolation
HQ—Headquarters
IAW—In accordance with
IEJU—Initial Entry JTIDS Unit
IFF—Identification Friend or Foe
IP—Isolated Personnel
IS—Intelligence Squadron
ISR—Intelligence, Surveillance, Reconnaissance
ISOPREP—Isolated Personnel Report
JASDF—Japan Air Self Defense Force
JOSC—Joint Okinawa Scheduling Cell
JPCC—Joint Pacing CONOP Challenge
JTIDS—Joint Tactical Information Distribution System
JTS—Joint Tactics Squadron
JTTP—Joint Tactics, Techniques, Procedures
JWICS—Joint Worldwide Intelligence Communications System
KAWC—Korean Air Warriors Conference
KCLWG—Kadena Communications and Link Working Group
KRWB—Kadena Reception Working Group
LFE—Large Force Employment
LIMFAC—Limiting Factor
LNO—Liaison Officer
LOA—Letter of Authorization
MAAP—Master Air Attack Plan
MACG—Marine Air Control Group
MAJIC—Multi-TADIL Advanced Joint Interoperability Course
MD—Military Deception
MDS—Mission Design Series
MDTC—Marine Division Tactics Course
MFE—Mission Focused Exercises
MM—Model Manager

MOU—Memorandums of Understanding
MUNS—Munitions Squadron
NC—Navigation Controller
NCO—Non-Commissioned Officer
NCOIC—Non-Commissioned Officer in Charge
NIPR—Non-Secure Internet Protocol Router
NLT—No later than
NTR—Net Time Reference
OAI—Operations, Activities and Investments
OCR—Office of Collateral Responsibility
OPR—Office of Primary Responsibility
OPTASKLINK—Operational Tasking, LINK
OSS—Operations Support Squadron
PACAF—Pacific Air Force
POC—Point of Contact
PR—Position References; Personnel Recovery
PRK—Personnel Recovery Kits
PRMS—Personnel Recovery Mission Software
PROJO—Project Officer
RJ—Rivet Joint
ROE—Rules of Engagement
RQS—Rescue Squadron
RS—Reconnaissance Squadron
RTO—Range Training Office
RWR—Radar Warning Receiver
SERE—Survive, Escape, Resist, Evade
SICC—Sector Interface Control Cell
SIPR—Secure Internet Protocol Router
SME—Subject Matter Expert
SNC—Secondary Navigational Controller
SPINS—Special Instruction
SRD—Strategic Reconnaissance Division

TADIL—Tactical Digital Information Link
TDL—Tactical Data Link
TES—Test and Evaluation School
TIP—Tactics Improvement Proposal
TOC-L—Theater Operations Center-Light
TP—Target Practice
TRB—Tactics Review Board
TTP—Tactics Techniques and Procedures
USAF—United States Air Force
USAFWC—United States Air Force Warfare Center
USAFWS—United States Air Force Weapons School
USMC—United States Marine Corps
USN—United States Navy
WATTS—Weapons and Tactics Talk
WEPTAC—Weapons and Tactics
WD—Weapons Director
WG—Wing
WIC—Weapons Instructor Course
WRM—Wartime Readiness Munitions
WSEP—Weapons System Evaluation Program
WSO—Weapons Systems Officer
WTI—Weapons and Tactics Instructor (USMC)

Attachment 2

18WG TURKEY SHOOT COMPETITION

A2.1. The 18WG Turkey Shoot Program. In the spirit of professional competition and air combat, the 18 OG/CC will host periodic wing Turkey Shoots. This competition will emphasize the skills fighter aviators have honed since August 1914 and is designed to be an annual evaluation. The culmination of these events will be an awards ceremony to ensure the winners from each specialty are highlighted amongst their peers.

A2.2. The scheduling of the events will be the responsibility of 18 OSS/OSK in concert with the respective squadron representatives and maintenance officers. For events requiring simulation time, the OSK representative (OSKC/OSKF) will coordinate with respective simulation schedulers to ensure adequate time is set-up for execution. For live fly events, 18 OSS/OSK will coordinate with the Joint Okinawa Scheduling Cell (JOSC) for airspace requirements to maximize scenario completion. If outside resources are brought in to provide red air support, 18 OSS/OSK will facilitate their role and support throughout the competition.

A2.3. This competition will include a series of maintenance competitions. 18 OSS/OSKF will coordinate with the Aircraft Maintenance Unit (AMU) leads to ensure grading criteria and events are set-up and will not interfere with the live fly portion of the event or other daily operations.

A2.4. Supporting documents (e.g., SPINS, Airspace Control Order [ACO], etc.) will be released 7 days prior to the week of execution to allow for adequate planning. The total number of sorties and events for each Turkey Shoot will vary depending on squadrons participating, time constraints, squadron exercise schedules, and real-world taskings. Contact 18 OSS/OSK for NIPR/SIPR information supporting the 18 WG Turkey Shoot.

A2.5. The 18 WG Shogun Sword will replace the 18 WG Turkey Shoot Competition until two F-15EX units are established at Kadena. The 18 WG Shogun Sword is a capstone LFE that assesses the 18 OG's ability to provide continuous Defensive Counterair (DCA) of Kadena Airbase and may be accomplished in conjunction with a Rum Runner. Contact the 35th Wing OSK or Marine Air Control Group (MACG-12) Tactics Officer to coordinate Rum Runner.

Attachment 3

TRAINING CONFIGURATION POLICIES

A3.1. Training Configuration for 18 WG F-15 Aircraft:

A3.1.1. AIM-9/AIM-120 Series: A captive adapter plug/repeater cable will be installed in the LAU-128 when carrying training missiles; expect training AIM-9s for all missions. AIM-9 missiles that contain an argon coolant tank should be in the green for the first sortie of the day and in the yellow for follow-on sorties.

A3.1.2. Cannon: On all non-live fire training missions, the gun will be both mechanically, hydraulically, and electronically safe prior to flight.

A3.1.3. Requests for nonstandard configurations (EA pods, external tanks, 20MM target practice [TP], ordinance drops) must be annotated on the squadron soft-shell scheduling input to the 18 OSS.


A3.1.4. Captive missile and pylons with captive missiles will not be carted. EA Pods will not be carted so they are not accidentally jettisoned.

A3.1.5. Squadron ECPs are tasked to set the Counter Measure Dispenser (CMD) load according to the training plan/objectives and administer a chaff/flare training program that will provide for equitable distribution of allocated chaff and flare training munitions to all MR/MS pilots. **Note:** These configurations are subject to modification due to applicable -1/-34 changes or operational/safety supplement guidance.

Attachment 4

TRAINING MUNITIONS FORECASTS FOR DEPLOYMENTS/EXERCISES SAMPLE LETTER

Figure A4.1. Training Munitions Forecasts for Deployments/Exercises Sample Letter.

DEPARTMENT OF THE AIR FORCE PACIFIC AIR FORCES		01 June 2009
	MEMORANDUM FOR 18 OSS/OSK 18 MUNS/LGW IN TURN	
	FROM: xx FS/DOW	
Unit xxxxx APO AP 96368-xxxx		
SUBJECT: Training Munitions Forecast for TDY Deployment		
1. The following training munitions are requested for exercise _____ deployment:		
a. _____ AIM-9X captive missile.		
b. _____ AIM-120 captive missiles.		
2. The ALE-45 configuration should be left side empty/chaff mods/flare mods; right side empty/chaff mods/flare mods:		
a. _____ bundles of RR-170/180 chaff.		
b. _____ units of MJU-7/10 flares.		
3. Total chaff and flares required:		
a. _____ bundles of RR-170/188.		
b. _____ units of MJU-7/10 flares.		
4. Remarks.		
		JOHN SMITH, Capt, USAF Chief of Weapons and Tactics, xx FS

Attachment 5

DACT COORDINATION

A5.1. To further enhance combat capability and provide a realistic threat replication with different type aircraft, 18 OSS/OSK is charged with the responsibility of solicitation and schedule coordination of Dissimilar Aircraft Training (DACT) assets from throughout the Pacific region. This specifically includes all USAF, USN, and USMC units in the Republic of Korea and Japan as well as allied assets (**Example:** JASDF).

A5.2. Based on squadron exercise schedules and in conjunction with the 18 WG Quarterly Training Plan, 18 OSS/OSKD will provide input for the upcoming quarter. When the 18 WG Quarterly Training Plan goes to print, it is an agreement amongst the participants to support and participate with the events outlined in the plan. The DACT officer will ensure the airspace and needed support is coordinated to maximize training. Individual squadron involvement is essential to the smooth coordination of the LFEs.

A5.3. All incoming DACT requests will be routed through 18 OSS/OSKD and coordinated with the 18 OSS/OSO. After reviewing the exercise schedule, the appropriate F-15 squadrons will be notified of the upcoming training assets via e-mail, telecon, or the wing schedule meetings. The equity of the DACT between Kadena squadrons will be monitored by OSKD.

A5.4. Squadrons may be tasked by OSK with sponsoring a visiting unit. 18 OSS/OSKD will inform the appropriate squadron by giving amplifying information on what has been accomplished and what is required for the incoming unit.

A5.5. Approval of DACT between the 18 WG and all USAF/USN/USMC and all Allied forces is provided by 18 WG/CC (as per PACAFCOM). If required, 18 OSS/OSK will coordinate all required communications for approval with higher headquarters. 18 OSS/OSKD has current Memorandums of Understanding (MOUs), Letters of Authorization (LOAs), and regulations concerning DACT with Pacific region units.

A5.6. Required DACT after-action reporting will be forwarded to the appropriate commands by 18 OSS/OSKD. The involved squadrons will provide 18 OSS/OSKD with inputs.

A5.7. A lessons learned/mission critique sheet will be sent out to DACT units (18 OSS/OSKD) to log/track effectiveness and quality of air superiority provided by the F-15 squadrons based at Kadena AB. Individual results will be summarized quarterly and distributed appropriately.

Attachment 6

SAMPLE DACT COORDINATION GUIDE

Figure A6.1. Sample DACT Coordination Guide.

Date	<u>31 Oct 2001</u>
Unit/Location	<u>36 FS/Osan</u>
Coord: OSOS	<u>20 Oct</u> WX <u>20 Oct</u> FS Sqd <u>20 Oct</u> 909th <u>20 Oct</u>
961st	<u>21 Oct</u> 82nd <u>21 Oct</u> 623rd <u>21 Oct</u> 33rd <u>21 Oct</u>
Adversary POC - Phone	<u>Capt L. M. Redair - DSN 555-1110</u>
Number/Type Aircraft	<u>6 x F-16</u>
Arrival/Departure Date	<u>31 Oct/31 Oct</u>
Employ schedule dates/turns	<u>31 Oct</u>
DACT qualified/Upgrades	<u>Fill in as required</u>
Training requested?	DACT or DACM or DBFM
ECM capability - type	<u>Fill in as applicable</u>
Airspace/Ranges required	<u>Ex: W-173 W-176</u>
Tanker/GCI/AWACS requirements	<u>Ex: 1 x AWACS, 2 x KC-135</u>
Available Fighter Squadrons (circle):	<u>44FS</u> <u>67FS</u>
Host squadron/ POC - phone	<u>Lt: Blueair - DSN 555-0001</u>
Specific support requirements	<u>As required</u>
Remarks/Scenarios Requested	<u>Ex: 4 v 4 with CSAR scenario</u>

Attachment 7

DACT PROJECT OFFICER AND HOST GUIDE

A7.1. The following checklist provides the necessary information to act as a host officer for a DACT deployment to Kadena. 18 OSS/OSKD will advise the applicable unit of the host requirements and dates, plus provide a point of contact to the Detachment Commander (DETCO) of the incoming unit. The host officer should make contact with the incoming DETCO to assist in the arrangements for the deployment.

A7.1.1. The assigned host officer should contact the 18 OSS/OSKD to determine what has been accomplished and what is required. Keep 18 OSS/OSKD informed throughout the coordination process.

A7.1.2. The project officer/host is the single point of contact within the unit for DACT related problems. Any problems that arise concerning the deployed unit's personnel or conflicts of interest should be addressed to the DETCO.

Table A7.1. DACT Project Officer and Sample Host Guide Checklist.

Contact the DETCO to find out the following information:	
	Number of pilots.
	Total number of officers by rank.
	Total number of enlisted by rank.
	Line badge numbers to be provided to Security Police, 634-1435.
	Number and type aircraft.
	Academics/In-brief requirements.
	Security clearance information (if required).
Arrange for billeting through Shogun Inn 632-1101.	
Arrange for transportation through the Transportation Squadron - 634-3845.	
	A request and justification letter for vehicles from the squadron to the transportation office is required.
	Normally, five vehicles are required for a partial deployment or eight vehicles for a full squadron deployment. This should be tailored to the specific size of the deployment.
	Two step vans or pick-up trucks with trailer hitches are required for maintenance use.
	Have the vehicles ready at the squadron with the keys available upon arrival of the first personnel.
Coordinate with the 18 OG/CDM at 634-0498 for a maintenance liaison contact. This contact should:	
	Determine parking area for the deployed jets.
	Determine maintenance shack to be used.
	Contact TMO for any airlift equip pickup.
	Determine storage location for the deploying squadron's parts.
Arrange for life support and personnel equipment support.	
Coordinate with 18 OG/CC to meet with incoming DETCO and schedule outbrief for the DETCO and 18 OG/CC.	
Coordinate with 18 OSS/OSO to share the DACT assets with the other fighter squadrons and for availability of AWACS/GCI/tanker support.	
Provide working spaces / briefing rooms / telephones in squadron for aircrews.	
Provide a local area brief, conducted by OGV, local area maps, and in-flight-guides for the pilots.	

	Submit a letter to the 18 OG/CC for F-15D rides, if applicable. Letter should include purpose of rides, names, and SSAN.
	Coordinate with unit weapons and tactics division and scheduling to accomplish the following:
	Develop objectives, SPINS, and scenarios.
	Determine CT sorties available and desired tactical structure (2v2, 4v4).
	Determine upgrade requirements.
	Determine academics required; coordinate with other squadrons on schedule. Note: Coordinate schedule with 18 OSS prior to the weekly schedule printing. Therefore, requests should be given to wing schedules 2 weeks prior to the week being scheduled.
	Schedule a “How goes it?” halfway through the deployment.
	Arrange for a going away party/plaque presentation well in advance, publish date, time, and location.
	Debrief with the DETCO prior to his out-brief with the 18 OG/CC.
	Provide the DETCO with important phone numbers of key POCs at Kadena.

Attachment 8

TACTICS REVIEW BOARD PROCESS

A8.1. General. Wing Weapons and Tactics will host an annual Tactics Review Board (TRB). The TRB will be chaired by the 18 WG/CC or delegated to the Chief of OSK. The purpose is to debrief squadron mission effectiveness, analyze significant events and intelligence data that may require changes to current tactics and training programs. The TRB will be conducted at Top Secret with higher classification top-offs where appropriate.

A8.2. Dates. Annual TRBs will be conducted IAW the following timetable:

A8.2.1. NLT 15 Aug Unit level TRBs Unit/DOW or Tactics shops.

A8.2.2. NLT 30 Aug Wing level TRB 18 OSS/OSK.

A8.3. Topics. The following minimum topics should be addressed at every TRB:

A8.3.1. Squadron Mission Effectiveness. Review past squadron effectiveness.

A8.3.2. Squadron and Group Training Plans.

A8.3.3. Munitions. WRM quantities and restrictions at Kadena AB, planned contingency locations, training munitions account and the plan to expend all allocated training munitions.

A8.3.4. Specialized training status (weapons, missions, systems).

A8.3.5. Status of Wing Standards (classified and unclassified).

A8.3.6. Local Training LIMFACs.

A8.3.7. Current Threat Update.

A8.3.8. MDS System Roadmaps and status.

A8.3.9. Tactics Improvement Proposals (TIPs).

A8.4. Attendance. The 18 WG TRB attendance list should include:

A8.4.1. 18 WG/CC and CD.

A8.4.2. 18 OG/CC/CD/OGV/OGI.

A8.4.3. 18 OSS/CC/DO/OSK/SIO.

A8.4.4. 31/33 RQS CC/DO/DOW.

A8.4.5. 44/67 FS CC/DO/DOW.

A8.4.6. 961/623 ACSCC/DO/DOW.

A8.4.7. 909 ARS CC/DO/DOW.

A8.4.8. 390 IS/82 RS CC/DO/DOW.

A8.4.9. Deployed EFS CC/DO/DOW.

A8.4.10. 353 SOW CC/DO/DOW.

A8.5. Administration. After the 18 WG TRB, 18 OSS/OSK will forward the minutes/briefings to PACAF/A3TW, ACC/A3TW, disseminated to the squadrons and saved on JWICS.

A8.5.1. Tactics Improvement Proposals (TIPs) will be forwarded to PACAF/A3TW. OSK is responsible for quality and control of 18 WG TIPs and monitoring their status through PACAF/A3TW.

Attachment 9**UNIT WEAPONS AND TACTICS LIBRARY**

A9.1. Units will maintain tactics libraries IAW DAFMAN 11-415, *Weapons and Tactics Programs*. The following list is provided as a guide for establishing a unit weapons and tactics library. Publications may be maintained either by hard copy (paper or CD) or cross-referenced electronically.

A9.2. AFTTPs can be accessed through the classified 561st JTS at: <https://intelshare.intelink.sgov.gov/sites/561jts/default.aspx>.

A9.3. Test plans and reports can be accessed through the classified 53 WG web site at: <https://intelshare.intelink.sgov.gov/sites/53WG-OTE>.

A9.4. Korean Theater Documents/Guidance (OPLANS, ATO, SPINS, ROE, etc.) can be accessed through the classified 607 AOC website at: <https://www.intelshare.intelink.sgov.gov/sites/607aoc/SitePages/Home.aspx>.

A9.5. PACAF Theater Documents/Guidance (AOD, ATO, SPINS, ROE, etc.) can be accessed through the classified 613 AOC website at: <https://pacaf.ops.hickam.af.smil.mil>.

A9.6. Additional AFTTPs, Reports, and Theater Documents/Guidance can be accessed at higher levels of classification by contacting 18 OSS/OSK.

Attachment 10**USAF WEAPONS SCHOOL NOMINATIONS**

A10.1. The 18 OSS/OSK is the focal point for 18 WG USAF Weapons Instructor Course (WIC). Squadrons will determine their nominee(s), develop nomination packages IAW this attachment, and forward the packages to 18 OSS/OSK. 18 OSS/OSK will determine the prioritized list of nominees and propose a meeting to determine group stratifications if required. 18 OSS/OSK will collate, coordinate 18 OG/CC and 18 WG/CC signatures and forward the nomination packages IAW the official selection board message.

A10.2. The ACC/A3TW WIC selection board message establishes Weapons School nomination criteria and can be found at: https://usaf.dps.mil/teams/acc_weapons_tactics/USAFWS_PROGRAMS_SITE/wic/SitePages/Home.aspx. Waivers are rare and should not be pre-planned.

A10.3. WIC Sequence of Events:

A10.3.1. Unit Weapons and Tactics officers look at prospective candidates throughout the year. Communication between Weapons and Tactics officers is imperative. All Weapons and Tactics officers should be familiar with all 18 WG candidates.

A10.3.2. HQ AFPC and ACC/A3TW announce the WIC selection board dates (usually February and August).

A10.3.3. 18 OSS/OSK notifies the squadrons to submit nomination packages. Suspense for completed packages is typically 30 to 45 days prior to HQ PACAF's suspense date.

A10.3.4. 18 OSS/OSK will coordinate the nominations through the appropriate 18 OG and 18 WG leadership.

A10.4. Package Preparation. When preparing a package, nominees should work with their respective weapons officers to ensure their nomination is as strong as possible. The format for nomination packages is located at the link provided in [paragraph A10.2](#).

A10.5. Each MDS should develop and maintain a WIC Spin-up plan to adequately prepare WIC candidates upon selection for school. The squadron weapons and tactics shop will utilize the Wing Quarterly Training Plan as an opportunity to have multi-MDS training opportunities to replicate phases of WIC centered on WIC objectives and WIC development.

Attachment 11

18 WG QUARTRELY TRAINING PLAN

A11.1. The 18 WG Quarterly Training Plan is an 18 OG directed training plan coordinated and managed by 18 OSS/OSK. The initial plan is based on 12-month flying calendar and spin-up inputs from the squadron. The plan incorporates live fly, simulator, verification events, academic sessions, and Part Task Training opportunities as directed by 18 WG XP/OGV. 18 OSS/OSK coordinates Distributive Mission Operations (DMO) for F15C and E-3 training locally and with off-station units.

A11.2. The plan is a process that begins prior to the start of the quarter. A meeting is held 6-8 weeks prior to the start of the quarter to gather inputs from the Weapons Officers and squadron representatives attached to OSK. This plan is then uploaded into SharePoint (**OSK - Wing Quarterly Training Plan - All Documents**) for presentation at a Scheduling meeting with the majority of CC/DO/ADOs present. The 18 OG, or his designated representative, will approve the plan. 18 OSS/OSK will produce a PowerPoint reflecting the plan and send it out to the squadrons.

A11.3. As events are completed, lessons learned are produced, distributed, and archived for future planning purposes and application to similar events to improve integration and operations (OSK - Wing Quarterly Training Plan - All Documents).

A11.4. The 18 WG Verification program, a subset of the 18 WG Quarterly Training Plan, is designed to present a real-world tactical problem to a group of operators within the context of an OPLAN. In the process of presenting their solution to the audience, several benefits occur. First, all in attendance will better understand the Wing's role in OPLANs and how the Wings assets integrate in combat. Second, current plans and procedures are validated. Finally, new ideas for improved tactical employment should arise.

A11.4.1. Each squadron within the 18 OG is required to execute a verification quarterly through OSK. These events are coordinated through the squadrons, deconflicted from the flying calendar and deployment calendar in order to enable full participation.

A11.4.2. The team presenting will be a mix of experienced operators and recent upgradees. Squadrons will not task these operators for squadron related activities during the week unless their schedules permit.

A11.4.3. 18 OSS/OSK and 18 OSS/IN will provide the scenario on Monday the week of the verification. The scenario should be generated using real world situations and focus on current problems or taskings of the 18 WG.

A11.4.4. The audience will consist of the 18 WG/CC, 18 WG/CD, 18 OG/CC, 18 OG/CDF, squadron leadership, and squadron members.

A11.4.5. The 18 WG Verification Program is designed to be a useful tool to get all the major weapons systems together and discuss current problems facing the wing. It is a learning tool where teams are encouraged to try new approaches and present them with some logical rationale. It should help foster a more cohesive Team Kadena and educate all involved to the strengths and weaknesses of all the assets in the 18 WG.