ACADEMIC TRAINING		DATE COMP
Instrument Ground School		
REQUIRED Evaluation Events	DATE COMP/GRADED	INSTRUCTOR
FA-18 Instrument Examination (during Instrument Ground School)		
FA-18 Instrument Evaluation (Simulator/Aircraft)		

INST-6804 1.0 365 R,M Instrument Ground School Examination

Goal. The instrument ground school examination shall be administered as a part of instrument ground school. The examination shall include questions on the following subjects:

1) Pertinent Navy or Marine Corps regulations, orders, and instructions.

2) Pertinent parts of the Federal Aviation Regulations (FAR), other regulations, and/or aeronautical publications which are applicable.

3) Interpretation of weather information normally used in flight planning.

Performance Standard
Achieve a minimum grade of qualified on the IGS examination.

INST-6805 4.0 365 R,M Instrument Ground School

Goal. The instrument ground school shall be an approved Commander Naval Air Forces (CNAF) approved syllabus.

Performance Standards
Achieve a minimum grade required for the IGS examination.

SINST-6102 1.0 365 R,M 1+ TOFT/FA-18A/C/D S/A (NS)

Goal. Following completion of the ground evaluation events, an instrument flight/simulator evaluation event shall be flownand completed with a grade of "Qualified." Conduct an objective evaluation of the aircrew's knowledge of flight planning, filing, briefing, conduct of flight under normal operating conditions, emergency procedures, closing out flight plans, and debriefing.

Requirement. Upon successful completion of these events, the evaluator shall log the appropriate training code for tracking purposes.

Performance Standards
Executes flight and/or ground operations safely IAW OPNAV 3710, FA-18 NATOPS, NATOPS Instrument Flight Manual, and training rules.

Prerequisite. Successful completion of the NATOPS evaluation, IGS, and the IGS examination.

2.14.3 Required Events (RQD)

2.14.3.1 Purpose. To track training codes associated with required evaluations and flight leadership proficiency.

2.14.3.2 General. Flight leadership proficiency tracking codes (RQD-6103-6105) shall be logged in conjunction with the appropriate 2000-5000 phase event training code every time an aircrew flies an event as a designated section leader, division leader, or mission commander.

RQD-6103 90 R,M 2 FA-18A/C/D A (NS)

Goal. Track section leader proficiency.

Requirement. To maintain proficiency as a section leader a pilot shall brief, lead, and debrief the designated event in accordance with the mission performance standards for that event.

Prerequisite. Designated section leader.

RQD-6104 180 R,M 4 FA-18A/C/D A (NS)

Goal. Track division leader proficiency.

Requirement. To maintain proficiency as a division leader a pilot shall brief, lead, and debrief the designated event in accordance with the mission performance standards for that event.

Prerequisite. Designated division leader.

RQD-6105 365 R,M 6+ FA-18A/C/D A (NS)

Goal. Track mission commander proficiency.

Requirement. To maintain proficiency as a mission commander aircrew shall brief, lead, and debrief the designated event in accordance with the mission performance standards for that event.

Prerequisite. Designated mission commander.

RQD-6106 1.3 * 1 FA-18A/C/D A (NS)

Goal. Provide air-to-air JHMCS introductory flight exposure.

Requirement. Conduct an air-to-air sortie and gain proficiency in the use of JHMCS.

Prerequisite. AA-2506.

RQD-6107 1.3 * 1 FA-18A/C/D A (NS)

Goal. Provide air-to-ground JHMCS introductory flight exposure.

Requirement. Conduct an air-to-ground sortie and gain proficiency in the use of JHMCS.

Prerequisite. AS-2309.

RQD-6108 1.3 * 1 FA-18A/C/D A NS

Goal. Provide JHMCS NVCD introductory flight exposure.

Requirement. Conduct a night systems sortie utilizing the JHMCS quad eye system.

Prerequisite. AS-2309, NS-2405.

RQD-6109 545 R 1+ FA-18A/C/D A (NS)

Goal. Track proficiency in day or night strategic aerial refueling.

Requirement. Two day contacts or two night contacts required for completion.

External Syllabus Support. KC-10 tanker or similar.

Prerequisite. AR-2201.

SRQD-6110 1.0 1095 R 1 TOFT S

Goal. Introduce and demonstrate techniques and procedures associated with the Functional Check Flight (FCF).

Requirement. Simulator shall be used under the supervision of a designated FCF pilot. All portions of the FCF checklist shall be reviewed during the simulator period.

RQD-6111 545 R 1+ FA-18A/C/D A (NS)

Goal. Track proficiency in day or night strategic aerial refueling on a KC-135.

Requirement. Two day contacts or two night contacts required for completion.

External Syllabus Support. KC-135.

Prerequisite. AR-2201.

2.14.4 Qualification Events (QUAL)

2.14.4.1 Purpose. To track training codes associated with qualifications.

2.14.4.2 General. Once the flight to attain the qualification is complete, a letter from the squadron commanding officer awarding the qualification shall be placed in the NATOPS jacket and APR.

2.14.4.3 Ground/Academic Training. Refer to the MAWTS-1 FA-18 Course Catalog.

QUAL-6201 * 1+ FA-18A/C/D A

Goal. Tracking code for day Carrier Qualification (CQ).

Requirement. Completion of CQ-4104 meets the requirements for the PUI to be day CQ. At the discretion of the squadron

commanding officer a letter assigning the PUI as day CQ shall be placed in the NATOPS jacket.

Prerequisite. CQ-4104.

QUAL-6202 * 1+ FA-18A/C/D A N

Goal. Tracking code for night CQ.

Requirement. Completion of night CQ IAW current Naval Instructions meet the requirements for the PUI to be night CQ. At the discretion of the squadron commanding officer a letter assigning the PUI as night CQ shall be placed in the NATOPS jacket.

Prerequisite. CQ-4105.

QUAL-6203 * 2 FA-18A/C/D A

Goal. Tracking code for LAT qualification.

Requirement. Completion of LAT-2603 meets the requirements for the aircrew to be LAT qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as LAT qualified shall be placed in the NATOPS jacket.

Prerequisite. LAT-2602, LAT-2603.

QUAL-6204 * 2 FA-18A/C/D A NS

Goal. Tracking code for NSLAT.

Requirement. Completion of NSLAT-4703 meets the requirements for the aircrew to be NSLAT qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as NSLAT shall be placed in the NATOPS jacket.

Prerequisite. NSLAT-4703.

QUAL-6205 1095 LSO Qual

Prerequisite. QUAL-6201, QUAL-6202, LSO required training.

QUAL-6206 1.3 * 1+ FA-18A/C/D A

Goal. Demonstrate proficiency in the execution of FCF checklist..

Requirement. At the discretion of the squadron commander, will be flown in a known "up" aircraft. Completion of the FCF checklist.

Performance Standards
Completion of the applicable FCF checklist.

Prerequisite. RQD-6110.

QUAL-6207 * 2 FA-18A/C/D A (NS)

Goal. Tracking code for FAC(A) qualification.

Requirement. Completion of FAC(A)-3812 (D) or FAC(A)-4812 (A/C) meets the requirements for the aircrew to be FAC(A) qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as FAC(A) qualified shall be placed in the NATOPS jacket.

Prerequisite. FAC(A)-4812 (A/C) or FAC(A)-3812 (D).

QUAL-6208 * 2 FA-18D A (NS)

Goal. Tracking code for TAC(A) qualification.

Requirement. Completion of TAC(A)-3901 meets the requirements for the aircrew to be TAC(A) qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as TAC(A) qualified shall be placed in the NATOPS jacket.

Prerequisite. TAC(A)-3901.

QUAL-6209 * 2 FA-18A/C/D A NS

Goal. Tracking code for the Night Systems qualification.

Requirement. Completion of NS-2405 meets the requirements for both pilots and WSOs to be NS qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as NS qualified shall be placed in the NATOPS jacket.

Prerequisite. NS-2405.

QUAL-6210 * 2 FA-18A/C/D A (NS)

Goal. Tracking code for ACM qualification.

Requirement. Completion of AA-2509 for pilots and AA-2503 for WSOs meets the requirements for the aircrew to ACM qualified. At the discretion of the squadron commanding officer a letter assigning the aircrew as ACM qualified shall be placed in the NATOPS jacket.

Prerequisite. AA-2509 (pilot), AA-2503(WSO).

2.14.5 Section Leader Standardization and Designation (SL)

2.14.5.1 Purpose. To prepare and evaluate the prospective section leader's ability to plan, brief, lead, and debrief a mission-oriented event as a section leader.

2.14.5.2 General

a. Prospective section leaders (PSL) shall have a minimum of 200 hours in model, 400 hours total, and be complete with all 2000 and 3000 phase events (except FAC(A) and TAC(A) for FA-18D crews) prior to commencing the section lead syllabus (SL-6301 to SL-6319). WSOs are also required to complete the section leader equivelant syllabus. WSOs shall have a minimum

of 200 hours in model and be complete with all 2000 and 3000 phase events (except FAC(A) and TAC(A)) prior to commencing the section leader syllabus (SL-6301 to SL-6319). WSOs may begin transition to the FAC(A) syllabus once they have completed the air-to-surface stages of the section leader syllabus (complete with SL-6302 through SL-6308). WSOs are required to brief and debrief events SL-6302, SL-6306, SSL FLSE-6307, and SL-6317. In addition to WSO flight and sim events, WSOs shall conduct individual LSL-6309 and LSL-6310 events.

b. To the greatest extent possible, PSLs should conduct the following day and night syllabus sorties in order. All SL events shall be evaluated by a designated division leader pilot or higher. Four specific SL events (labeled SL FLSE) shall be evaluated by a standardized, MAG CO designated, FLSE assigned by the MATSS OIC. **FLSE events shall not be evaluated by internal squadron FLSEs.** A WSO FLSE may evaluate any WSO FLSE event or any pilot FLSE event when crewed with a non-FLSE pilot one designation higher than the pilot under instruction.

c. The SL evaluator will use the sortie requirement accomplishment criteria (mission performance standards) to determine whether the PSL completed the sortie. The PSL will use the performance standards to debrief the flight. All simulator events will include full mission briefs (excluding admin) for duration of not less than 1 hour.

d. Completion of the SL syllabus meets the requirements for designation as section leader. At the discretion of the squadron commanding officer, a letter designating the pilot as a section leader or a WSO as a section leader equivalent shall be placed in the NATOPS jacket and APR. Re-designation for aircrew that do not require Core Skill Introduction Refresher training is at the discretion of the commanding officer. For aircrew that require refresher training, the minimum re-designation requirement is successful completion of the R-coded events.

e. Aircraft should be configured with operable CVRS, ALQ-126B/165, ALR-67, CATM-9X, TPOD, KY-58, CIT, LINK-16, JHMCS, and chaff/flare.

2.14.5.3 Academic Training. Academic training shall be conducted IAW FA-18 Course Catalog.

2.14.5.4 Training Requirements. Additional training requirements are to be performed on the flights assigned below. If the requirements cannot be accomplished on the designated flight (weather, runway, etc.) it shall be completed prior to the SL-6319. In addition to what is listed below, each PSL must lead a section from the -3 position in a division as well as conduct a TACTS debrief prior to the SL-6319.

TRAINING REQUIREMENTS	FLIGHT
LEAD OVERHEAD BREAK	SL-6311
LEAD SECTION PAR	SL-6301
LEAD SIM NORDO APPROACH	SL-6304
LEAD SIM HUNG ORD APPROACH	SL-6302
LEAD STRT IN FLT LD SEP	SL-6302
LEAD OVERHEAD BREAK - NT	SL-6316
LEAD PAR - NT	SL-6306
LEAD STR IN FLT LD SEP - NT	SL-6308
SECTION LANDING	SL-6312
INTERVAL TAKEOFF	SL-6301
SECTION TAKEOFF	SL-6311

SL-6301 1.3 * 2 FA-18A/C/D A

Goal. Conduct a lvl all-weather intercept sortie in a local area training range. Target audience is a new aircrew recently complete with the FRS and unfamiliar with SOP and local area procedures. Emphasis shall be placed on knowledge of NATOPS, USMC FA-18 ADMIN SOP, local course rules, local SOP addendum, and admin flight procedures.

Requirement. Plan, brief, lead, and debrief a lvl intercept sortie that departs via an interval take-off and recovers via a section PAR. With a minimum of 50 NM separation, conduct a minimum of three all weather intercepts from a medium altitude vs forward quarter capable, maneuvering adversaries, commencing at high, medium, and low altitude. Demonstrate comprehensive knowledge and understanding of tactical recommendations, NATOPS, USMC FA-18 ADMIN SOP, and local course rules. Validate all shots.

Performance Standards
Brief and comply with USMC FA-18 ADMIN SOP.
Execute proper admin and tac admin procedures.
Execute intercepts safely IAW OPNAV 3710 and training rules.
Demonstrate proficiency in basic radar mechanics.
Take valid shots.
Accurately recall and reconstruct using a white board.
Provide effective flight leadership and direction.

Prerequisite. 2000 and 3000-level phase complete.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, EXP.

SL-6302 1.3 * 2 FA-18A/C/D A

Goal. Conduct high drag pop attacks and strafe on a raked range as a single ship and as a section. Target audience is a new aircrew recently completed with the FRS and who is familiar with local course rules and USMC FA-18 ADMIN SOP. Emphasis will be placed on planning pop and strafe delivery profiles (Z-diagrams), ordnance delivery mechanics, and overall flight leadership.

Requirement. Evaluated by DL (FA-18D WSO brief/debrief event). Plan, brief, lead, and debrief a section ordnance delivery sortie in a raked range that recovers via a visual straight in simulating an a/c with hung ordnance. Two individual high drag deliveries, two section high drag deliveries, two bunt gun strafes, and two roll in gun strafes are required for completion of this event. Use of WASP is required to produce valid delivery profiles. Plan one delivery profile for the high drag ordnance with a min alt no lower than 500' AGL and two strafe profiles with a min alt no lower than 500' AGL. Brief carriage and release limits, MRI, stick length, valid delivery and abort considerations for a notional live ordnance load in addition to actual loadout. A detailed brief of low altitude section maneuvering, section target attacks, and A/G gunnery is required. The brief should cover pop mechanics, target area deconfliction, and symbology to include slant range source and indications and BALT/RADALT considerations. Debrief pattern, delivery safety and deconfliction, evaluate flight leadership, and validate all deliveries.

Performance Standards
Execute proper admin and tac admin procedures.
Adhere to tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Maintain briefed pattern deconfliction IAW range regulations, training rules, and environmental conditions.
Maintain safety awareness of wingman's delivery parameters.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6301.

Ordnance. 6 BDU-48, 500 20mm, 40 Chaff, 20 Flare.

Range Requirements. RSTD, LAT, RKD RNG, LSR, WISS, STRAFE, TGT, LT INERT, EXP.

SSL-6303 1.5 * 2 TOFT S NS

Goal. Demonstrate knowledge and proficiency in being able to teach and execute the delivery of laser guided weapons with a TPOD at night. Target audience is an aircrew that recently completed the NS-2404 who is familiar with the USMC FA-18 ADMIN SOP and applicable tactical publications. Emphasis will be placed on night systems capabilities and limitations, cockpit displays, switchology, and employment techniques for LGB's and laser maverick with the TPOD and NVDs.

Requirement. Plan, brief, lead, and debrief section employment on a predetermined target with different types of laser guided weapon deliveries based off of employment recommendations. With laser guided bombs, three self-lase profiles (2 level, 1 dive), three buddy lase (2 level, 1 dive), and 2 buddy bomb (level) attacks required for completion. With laser maverick, two buddy lase (1 lasing, 1 as shooter) attacks required. The delivery profiles will be planned and briefed with the required TOF to support a LGB in

a level and dive delivery and to support a LMAV. LGB and LMAV preflight and employment ROTs should be covered in the brief. Brief carriage and release limits, MRI, stick length, valid delivery and abort considerations for simulated loadout. Demonstrate proficiency in weapons delivery, knowledge of all pertinent systems to include TPOD use and symbology, and validate all deliveries. Debrief pattern, delivery safety and deconfliction, evaluate flight leadership and validate all deliveries.

Performance Standards
Adhere to tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Execute proper procedures for weapon release and guidance.
Demonstrate familiarity with the TPOD and employment.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. 2000 and 3000-level phase complete, SL-6301.

SL FLSE-6304 1.3 * 2 FA-18A/C/D A NS

Goal. Conduct a night, section ordnance delivery sortie on a raked range, utilizing high/medium angle delivery and strafe profiles. Target audience is an aircrew that has recently completed the SNS-2401 and who is familiar with local course rules and USMC FA-18 ADMIN SOP. Emphasis should be on night system considerations (NVD setup, illusions, and formation procedures), planning delivery profiles (Z-diagrams), ordnance delivery mechanics, night air-to-surface delivery considerations, illusions, pattern deconfliction and overall flight leadership.

Requirement. Evaluated by FLSE. Plan, brief, lead, and debrief a section ordnance delivery sortie in a raked range that recovers with the PSL leading a simulated nordo approach. Three high angle, three medium angle and three bunt strafe deliveries are required for completion of the event. Use of air-to-ground planning tools (WASP) are required to produce valid delivery profiles. The PSL shall plan two bomb delivery profiles with aim off angles of less than 10 degrees and with a min alt no lower than 3K' AGL. The PSL shall use a 20mm TP strafe Z from the MAWTS-1 Target Attack Planning Guide with a min alt no lower than 800' AGL. Carriage and release limits, MRI, stick length, valid delivery and abort considerations for a notional live ordnance load in addition to actual loadout shall be briefed. Debrief pattern, delivery safety and deconfliction, evaluate flight leadership and validate all deliveries.

Performance Standards
Execute proper admin and tac admin procedures.
Adhere to tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Maintain briefed pattern deconfliction IAW range regulations, training rules, and environmental conditions.
Maintain safety awareness of wingman's delivery parameters.
Draw valid learning points.

Provide effective flight leadership and direction.

Prerequisite. SI-6302.

Ordnance. 12 Mk-76, 250 20mm 40 Chaff, 20 Flare.

Range Requirements. RSTD, RKD RNG, LSR, WISS, TGT, LT INERT, EXP.

SSL-6305 1.5 * 2+ TOFT S

Goal. Demonstrate knowledge and proficiency in being able to teach and execute ordnance deliveries with LGBs and JDAM in accordance with Armed Reconnaissance (AR) TTPs. Target audience is an aircrew that has completed the AS-2300 stage and who is familiar with the USMC FA-18 ADMIN SOP and TACSOP. Emphasis will be placed on the application of proper AR/SCAR TTPs. This will include the use of both onboard and offboard systems and sensors to detect targets, solve positive identification (PID), and satisfy rules of engagement (ROE) and CDE IOT minimize time to kill IAW a target precedence list (TPL). Additional emphasis on flight leadership to include a battlefield handover and the management of multiple assets within a single assigned area.

Requirement. Plan, brief, lead, and debrief a section AR mission in a designated area using precision guided munitions. For completion, conduct a high altitude area search, discuss/pass target information, and execute the most appropriate target area attack. Be able to locate, plot, and destroy targets of opportunity. Use all available planning tools to brief reactive weaponeering, carriage and release limitations, delivery profiles, and safe release/escape profiles. Brief TPOD search and acquisition techniques, offboard cueing sources, and coordinate generation/passage. React appropriately to surface-air threats. Execute section attacks on targets of opportunity IAW a TPL, PID, and ROE. Debrief attack geometry, profiles, delivery safety and deconfliction. Evaluate flight leadership and validate all deliveries.

Performance Standards
Conduct visual/sensor reconnaissance of assigned area and detect targets.
Perform target attacks appropriate for scenario.
Minimize threat exposure and directs appropriate SACT.
Maintain situational awareness of wingman and mutual support.
Locate targets.
Direct coordinated section attacks.
Attack and destroy the correct target.
Adhere to tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSL-6303, SL FLSE-6304.

SL-6306 1.3 * 2+ FA-18A/C/D 2 FW or RW A NS

Goal. Conduct night, section Strike Coordination and Reconnaissance (SCAR) of a target area armed with PGMs. Target audience is an aircrew that has completed the 2000 phase syllabus and is familiar with the USMC FA-18 ADMIN SOP and TACSOP. Emphasis will be placed on the application of proper AR/SCAR TTPs. Additional emphasis on search profiles and techniques, weapon to target match, asset to target match, target area tactics, delivery profiles and overall flight leadership to include a battlefield handover and the management of multiple assets within a single assigned area.

Requirement. Evaluated by a DL. FA-18D WSO brief/debrief event. Plan, brief, lead, and debrief a section SCAR mission in a designated area using PGMs that recovers with the PSL leading a PAR instrument approach. For completion, conduct a high altitude area search, an attack appropriate to the tactical situation, coordinate the use of another section of FW or RW aircraft as the SCAR, and conduct a battlefield handover. Be able to locate, plot, record, pass, and destroy targets IAW the TPL. Use all available planning tools to brief reactive weaponeering, carriage and release limitations, delivery profiles, and safe release/escape profiles. Brief TPOD search and acquisition techniques, offboard cueing sources, and time sensitive targeting (TST). React appropriately to tactical IR and RF surface-to-air threats. Execute coordinated attacks on targets of opportunity IAW TPL, PID, ROE, AGM, CDE, FSCMs, and assets available. Debrief asset management, profiles, delivery safety and deconfliction. Evaluate flight leadership and validate all deliveries.

Performance Standards
Conduct visual/sensor reconnaissance of assigned area and detect targets.
Perform target attacks appropriate for scenario.
Minimize threat exposure and directs appropriate SACT.
Maintain situational awareness and mutual support of both wingman and other elements within the designated area.
Locate targets.
Direct coordinated section attacks.
Attack and destroy the correct target.
Adhere to tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSI-6305.

Ordnance. 2 GBU-12/16/10, 1 GBU-38/32/31, 250 20mm, 40 Chaff, 20 Flare.

Range Requirements. MOA, RSTD, AA, AAR, TACTS, EW, (URBN TRG), LSR, STRAFE, TGT, HE, (HVY INERT), JDAM, LGB, EXP.

External Syllabus Support. One or more sections of fixed wing and/or rotary wing as AR.

SSL FLSE-6307 1.5 * 2 TOFT S

Goal. Conduct a section close air support (CAS) mission using GP/PGM/IAM ordnance in support of the GCE. Target audience is an aircrew that has completed the AS-2300 stage and is familiar with the USMC FA-18 ADMIN SOP and TACSOP. Emphasis will be placed on JCAS procedures (including all three types of control), execute CAS TTP's specifically pertaining to bomb on target (BOT) and bomb on coordinate (BOC) procedures, JTAC integration, section mutual support, weapon to target match, system management, WASP planning, surface-to-air countertactics (SACT), and C3 information flow.

Requirement. Evaluated by a FLSE. FA-18D WSO brief/debrief event. Plan, brief, lead, and debrief a section CAS mission in a combat scenario. For completion, conduct a minimum of six individual nine-lines with briefed ordnance, under Type 1/2/3 control, BOT/BOC, and under the direction of a JTAC and/or FAC(A). Adhere to TACSOP, valid delivery profiles, min altitude, abort criteria and safe escape. Plan and brief delivery profiles with a min alt no lower than 3K'AGL for GP ordnance and 500' AGL for strafe. Discuss weapons delivery considerations IAW WASP planning. Brief deconfliction and flow IAW provided SPINS throughout the CAS environment. Demonstrate proficiency in weapons delivery and knowledge of all pertinent systems and how they apply to JCAS procedures. Debrief scenario, threat, TOS, and specific CAS missions to include a review of the 9 lines given, number of exposures, TOTs, weapons effectiveness and BHA. Evaluate flight leadership and validate all deliveries.

Performance Standards
Comply with JCAS TTPs.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
TOT +/- 15 secs.
Comply with tactical abort parameters.
Perform the proper system set up IAW the type attack assigned.
Use effective communication IAW JCAS procedures to establish effective two-way information flow between ground units and CAS section.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6306.

SL-6308 1.3 * 2 FA-18A/C/D A NS

Goal. Conduct a night, section close air support (CAS) mission using precision guided munitions in support of the GCE. Target audience is an aircrew that is 2000 phase complete and is familiar with the USMC FA-18 ADMIN SOP and TACSOP. Emphasis will be placed on JTAC integration, JCAS procedures (including all three types of control), weapon to target match, system management, section mutual support, WASP planning, SACT, and C3 information flow.

Requirement. Plan, brief, lead, and debrief a section CAS mission on a tactical range that recovers via the night overhead break. For completion, conduct a minimum of 3 runs

using either Type 1/2/3 control under the direction of a JTAC and/or FAC(A). Adhere to USMC FA-18 TACSOP, valid delivery profiles, min altitude, abort criteria and safe escape. Plan and brief delivery profiles with a back up LGB delivery using a min alt no lower than 5K' AGL and 500' AGL for strafe. Discuss weapons delivery considerations IAW WASP planning. Brief deconfliction and flow IAW provided SPINS throughout the CAS environment. Demonstrate proficiency in weapons delivery and knowledge of all pertinent systems and how they apply to JCAS procedures. Debrief scenario, threat, TOS, and specific CAS missions to include a review of the 9 lines given, number of exposures, TOTs, weapons effectiveness and BHA. Debrief delivery safety and deconfliction. Evaluate flight leadership and validate all deliveries.

Performance Standards
Comply with JCAS TTPs.
Comply with tactical abort parameters.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
TOT +/- 15 secs.
Use effective communication IAW JCAS procedures to establish effective two-way information flow between ground units and CAS section.
React to and direct section vs surface-air threats.
Draw valid learning points.
Provide effective flight leadership and direction

Prerequisite. SSL FLSE-6307.

Ordnance. 2 GBU-12/16, 1 GBU-38/32, 250 20mm, 40 Chaff, 20 Flare.

Range Requirements. RSTD, EW, LSR, STRAFE, TGT, HE, (HVY INERT) JDAM, LGB, EXP.

External Syllabus Support. JTAC or FAC(A)

LSL-6309 1.0 * FA-18A/C/D L

Goal. Conduct a 1v1 offensive BFM briefing lab. Target audience is an aircrew that is beginning the AA-2500 stage and has completed reviewing the applicable tactical publications. Emphasis will be placed on tac admin procedures, PADS and safety, energy management and assessment, turn circle theory, LAR recognition, deck awareness, adherence to training rules, and overall flight leadership.

Requirement. Plan and brief a 1v1 offensive BFM sortie. For completion brief a SSD and 9K', 6K' and 3K' offensive perch sets. The PSL will brief all sets from the offensive perspective and must include C&D's, throttle, stick and rudder, target airspeeds, target G, alpha control, cockpit gouge/sight picture, LV placement, expendable use, ACM modes and TCC if required.

Performance Standards
Brief proper tac admin procedures.
Demonstrate an understanding of defensive BFM concepts and definitions.

Display accurate sight pictures with models and correct execution geometry on a white board.
Brief safely IAW OPNAV 3710 and training rules.

Prerequisite. 2000 and 3000 phase complete.

LSL-6310 1.0 * FA-18A/C/D L

Goal. Conduct a 1v1 defensive BFM briefing lab. Target audience is an aircrew that is beginning the AA-2500 stage and has completed reviewing the applicable tactical publications. Emphasis will be placed on tac admin procedures, PADS and safety, energy management and assessment, turn circle theory, WEZ recognition, expendables usage, adherence to training rules, deck awareness, and overall flight leadership.

Requirement. Plan and brief a 1v1 offensive BFM sortie. For completion brief an oblique SSD and 9K', 6K' and 3K' defensive perch sets. The PSL will brief all sets from the defensive perspective and must include C&D's, throttle, stick and rudder, target airspeeds, target G, alpha control, cockpit gouge/sight picture, LV placement, expendable use, ACM modes and TCC if required.

Performance Standards
Brief proper tac admin procedures.
Demonstrate an understanding of defensive BFM concepts and definitions.
Display accurate sight pictures with models and correct execution geometry on a white board.
Brief safely IAW OPNAV 3710 and training rules.

Prerequisite. 2000 and 3000 phase complete.

SL-6311 1.3 * 2 FA-18A/C/D A

Goal. Conduct a 1v1 perch BFM sortie vs a similar aircraft. Target audience is an aircrew that has completed the AA-2500 stage. Emphasis will be placed on energy management and assessment, turn circle theory, LAR recognition, adherence to training rules, and overall flight leadership.

Requirement. Plan, brief, lead, and debrief a 1v1 perch BFM sortie that departs via a section take-off. For completion one SSD, one 9K' offensive, 6K' defensive, and 3K' offensive or defensive perch set is required. The PSL will brief all sets from the appropriate perspective and must include C&D's, throttle, stick and rudder, target airspeed, target G, alpha control, cockpit gouge/sight picture, LV placement, expendable use, and ACM modes. A minimum of 15K' of maneuvering airspace is required with a hard deck no higher than 10K' AGL. The debrief will be primarily focused on evaluating the PSL's BFM execution and shall include a review of start parameters (PADS), reconstruction via the white board and/or models, construction of valid learning points, game plan execution, and assessment and analysis of mission performance standards. The PSL shall also conduct a tape review to include each of the following items: safety of flight, flight leadership, setup, shot validation, airspeed control, alpha control, LV placement, deck transitions, weapons employment, and TCC.

Performance Standards
Execute proper admin and tac admin procedures.
Execute safely IAW OPNAV 3710 and training rules.
Maintain offensive position.
Employ follow on weapons.
Separate prior to becoming neutral.
Take valid shots.
Defeat initial weapons employment.
Maneuver to deny follow-on WEZ.
Neutralize attacker.
Separate or kill attacker.
Take valid shots.
Accurately recall and reconstruct using white board/models.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6301, LSL-6309 and LSL-6310.

Ordnance. CATM-9X, 40 Chaff, 20 Flare.

Range Requirements. AA, EXP.

SL-6312 1.3 * 2 FA-18A/C/D A

Goal. Conduct a 1v1 high aspect BFM sortie vs a similar adversary. Target audience is an aircrew that has completed the AA-2500 stage. Emphasis will be placed on energy management and assessment, game plan development, offensive and defensive transition recognition, weapons employment, adherence to training rules, and overall flight leadership.

Requirement. Plan, brief, lead, and debrief a 1v1 high aspect BFM sortie that recovers via the overhead break. For completion one flat or roller, one abeam set and one butterfly set is required. The brief must include C&D's, throttle, stick and rudder, target airspeed, target G, alpha control, cockpit gouge/sight picture, LV placement, expendable use, and ACM modes. A minimum of 15K' of maneuvering airspace is required with a hard deck no higher than 10K' AGL. The debrief will be primarily focused on evaluating the PSL's high aspect BFM execution and shall include a review of start parameters (PADS), reconstruction via the white board and/or models, construction of valid learning points, game plan execution and assessment, and analysis of mission performance standards. The PSL shall also conduct a tape review to include each of the following items: safety of flight, flight leadership, setup, game plan execution, shot validation, airspeed control, alpha control, LV placement, OOP maneuvering, expendable usage, controlling merges, bug mechanics, deck transitions, weapons employment, and TCC.

Performance Standards
Execute proper admin and tac admin procedures.
Execute safely IAW OPNAV 3710 and training rules.
Deny opponent weapon employment opportunities.
Achieve first weapons employment opportunity.
Gain a positional advantage.
Employ follow-on weapons.
Transition to offensive or defensive BFM.

Separate or kill attacker.
Take valid shots.
Maneuver aircraft IAW the brief.
Accurately recall and reconstruct using white board/models.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6311.

Ordnance. CATM-9X, 40 Chaff, 20 Flare.

Range Requirements. AA, EXP.

SSL-6313 1.5 * 2 TOFT S

Goal. Demonstrate knowledge and proficiency in being able to teach and execute a section VID sortie against maneuvering and non-maneuvering SAR-1/IR-3 adversaries. Target audience is an aircrew that has just completed the AA-2506. Emphasis will be placed on 3D geometry, radar mech, notch mechanics, VID sort, merge mech, fighter deconfliction, proper VID execution, and comm.

Requirement. Plan, brief, lead, and debrief a section VID sortie. For completion six reactive VIDs are required. The PSL will brief the reactive VID game plan IAW current weapon school recommendations with the emphasis on proper radar mech, PHID indications, deconfliction, notch mech, 3D geometry, proper comm and weapons employment. At least one run will be conducted at low altitude (below 3K' AGL); one run the adversaries will be unaware, one run will be RWR deficient, and on two runs the adversaries will maneuver. For all runs the adversaries will remain a single sortable group. After each run the sim will be paused while the PSL discusses the run and highlights discussion points to be captured in the debrief. The debrief will focus primarily on evaluating the items identified on each run, deconfliction, flight leadership and shot validation.

Performance Standards
Utilize clear and concise comm IAW ALSA comm brevity.
Achieve a radar sort.
Maintain mutual support.
Execute a reactive VID game plan.
Achieve a valid shot at the merge.
Deny opponent weapon employment opportunities.
Accurately ID the threat with available systems.
Accurately recall and reconstruct using white board and/or BDS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6312.

SL FLSE-6314 1.3 * 2 FA-18A/C/D 2 DISS ADV A

Goal. Conduct a 2v2 VID/TAP-N-CAP sortie against two SAR-1/IR-3, dissimilar, maneuvering adversaries. Target audience is aircrew that has just completed the AA-2507. Emphasis will be placed on 2v1 and 2vX SEM principles and execution while

reviewing basic VID fundamentals as well as overall flight leadership.

Requirement. Evaluated by FLSE. Plan, brief, lead, and debrief a section VID/SEM sortie that recovers via a section landing. For completion one reactive VID and two 2v1/2 TAP-N-CAP setups from the abeam and stern. The PSL will brief deconfliction and the basic reactive VID game plan but will focus primarily on the principles of SEM. Brief shall include C&D's and differences between 2v1 and 2vX SEM execution, approaching the merge, merge geometry, VID and visual sort, out of plane and phase maneuvering, comm priorities, assumptions, deconfliction ROT, roles of the fighters, extension criteria, and clearing the merge. For the VID run the adversaries will remain a single sortable group. A minimum of 15K' of maneuvering airspace is required with a maximum hard deck of 15K' AGL. Using a 15K' AGL hard deck may not satisfy the performance standards of the mission. The debrief shall be comprised of a fighter element scrub, mass whiteboard debrief, fighter debrief and tape review. The fighter debrief and tape review shall cover: safety of flight, flight leadership, mission objectives, analyze mission performance standards, game plan execution/assessment, comm review (can be covered simultaneously with the rest of the debrief), radar mechanics, VID mechanics, reactive missile defense, shot validation, expendables usage, merge mechanics, weapons employment, TCC and mutual support.

Performance Standards
Execute proper admin and tac admin procedures.
Execute safely IAW OPNAV 3710 and training rules.
Utilize clear and concise comm IAW ALSA comm brevity.
Achieve a radar sort.
Maintain mutual support.
Execute briefed VID game plan.
Achieve a valid shot at the merge.
Deny opponent weapon employment opportunities.
Effective coordinated section engaged maneuvering.
Accurately recall and reconstruct using white board.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSL-6313.

Ordnance. CATM-9X, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, EXP.

External Syllabus Support. Two dissimilar adversaries.

SSL-6315 1.5 * 2 TOFT S

Goal. Demonstrate knowledge and proficiency in teaching and executing a 2vX DCA (Point Defense) mission against a SAR-2/AR-1/IR-3, EA capable threat using Drag-to-Defend (DTD). Target audience is AA-2500 stage complete. Emphasis will be placed on FEZ/JEZ planning and management, timeline awareness, commit and reset criteria, targeting, maneuvering target mech,

counter-EA mech, Link-16 use, on-board PHID, weapons employment and overall flight leadership while executing an FT game plan.

Requirement. Plan, brief, lead, and debrief a FT section point defense. At least two, three group problems are required. The brief will focus on mission planning factors, DTD fundamentals, targeting, timeline, maneuvering mech, tether management, electronic attack, and defensive considerations using a SAR-2/AR-1 MOR timeline. Scenarios should force fighter to a flow required mindset if pushed to the back of their FEZ. PHID should be briefed to allow onboard autonomous ID. The flight should be run using two vulnerability periods (vul) vice individual runs. After each vul the PSL should verbally recall the events and identify pertinent discussion points for the debrief. Debrief should be conducted using the BDS and should focus on the points identified by each run. The debrief will include an evaluation of targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards and mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using BDS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL FLSE-6314.

SL-6316 1.3 * 2 FA-18A/C/D 3+ (DISS) ADV A NS

Goal. Conduct a night 2vX OCA (Sweep) against an unknown number of SAR-1/IR-3 adversaries using Drag to Defend (DTD) tactics. Target audience is AA-2500 stage complete. Emphasis will be placed on flow requirements, timeline awareness, commit and reset criteria, targeting, maneuvering mechanics, Link-16 operations, weapons employment, merge mechanics and overall flight leadership while executing a DTD and/or NTD game plan.

Requirement. Plan, brief, lead, and debrief a section OCA, sweep. Adversaries shall be tasked at level 3 or 4 and at least one three group problem is required. Brief will focus on the mission planning factors, phases of the intercept, targeting, maneuvering target mech, electronic attack, and defensive considerations using a SAR-1 MOR timeline for DTD and/or SAR-1 basic timeline for NTD tactics. PHID should be briefed to allow onboard autonomous ID. Flight will use AIC, RTO, and separate frequencies if available. A minimum of 15K' of maneuvering airspace is required. The debrief will be comprised of a fighter element scrub, mass TCTS debrief,

fighter debrief and tape review. The mass debrief should be face to face with red air to max extent possible. The fighter debrief and tape review will evaluate safety of flight, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSL-6315.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, TCTS, EXP.

External Syllabus Support. Three or more (dissimilar) adversaries, AIC, RTO.

SL-6317 1.3 * 2 FA-18A/C/D 2+ ADV A/S

Goal. Conduct a low altitude, GP ordnance Air Interdiction (AI) mission vs an unknown number of SAR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on strike route planning, AHAS assessment, WASP planning, weaponeering, tactical decision making, target acquisition and destruction, threat countertactics, and overall flight leadership. Additional emphasis will be placed on terrain clearance tasks, fuel management, route timing, and C3 information flow.

Requirement. FA-18D WSO brief/debrief event. Plan, brief, lead, and debrief a low altitude strike against a target protected by an IADS with unguided ordnance. For completion, the flight must successfully attack and achieve desired P_D against a given target. TOT should be within a two-minute notional SEAD window for strike route timing. Brief will focus on the mission planning factors, ordnance requirements for mission accomplishment, route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DMPI acquisition, ordnance employment, BHA, and SACT. Adversaries should be tasked as level 2 or 3 with no greater than 2 group problems with a PHID not satisfied option off target. PHID should be briefed to allow onboard autonomous ID. Debrief should be conducted using TCTS playback and should include a face-to-face red air debrief to the maximum extent possible. The fighter debrief and tape review will cover safety of flight, ordnance delivery & effectiveness, DMPI acquisition, targeting/tactical decision

making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, weapons employment, weapons employment validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Deliver weapons on planned DMPI.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Take valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSL-6313 and SL FLSE-6304.

Ordnance. 4 MK-82/83/84 or 6 MK-76/BDU-48, CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. MOA, RSTD, MTR, LAT, AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), EXP.

External Syllabus Support. Two or more (dissimilar) Adversaries, AIC, RTO.

SSL FLSE-6318 1.5 * 2 TOFT S

Goal. Demonstrate knowledge and proficiency in being able to teach and execute a medium altitude IAM AI mission against an unknown number of SAR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on strike route planning, WASP planning, weaponeering, timeline awareness, tactical decision making, target acquisition and destruction, threat countertactics, SACT and overall flight leadership. Additional emphasis will be placed on, fuel management, route timing, BHA, and C3 information flow.

Requirement. Evaluated by a FLSE. Plan, brief, lead, and debrief medium altitude strike against a target protected by IADS with IAMs. For completion, the flight must successfully attack and achieve desired P_D against a given target. TOT should be within a two-minute notional SEAD window for strike route timing. Brief will focus on the mission planning factors, ordnance required for mission accomplishment, route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DPI acquisition, ordnance employment, BHA, and SACT. Adversaries should be tasked as level 2 or 3 with no greater than 2 group problems. The debrief will be comprised of a fighter element scrub, BDS debrief (FLSE will be red lead), fighter debrief and tape review. The fighter debrief and tape review will evaluate safety of flight, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot

validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using BDS.
Deliver weapons on planned DPI.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Takes valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SSL-6313.

SL CHECK-6319 1.3 * R 2 FA-18A/C/D vs. 2 ADV A NS

Goal. Conduct a night, medium altitude, PGM AI mission against an unknown number of SAR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on route planning, WASP planning, weaponeering, tactical decision making, timeline awareness, target acquisition and destruction, threat countertactics, SACT and overall flight leadership. Additional emphasis will be placed on fuel management, route timing, BHA, and C3 information flow.

Requirement. Plan, brief, lead, and debrief a night, medium altitude strike against a target protected by IADS with LGBs. For completion, the flight must successfully attack and achieve desired P_D against a given target. TOT should be within a two-minute notional SEAD window for strike route timing. Brief will focus on the mission planning factors, ordnance requirements to accomplish mission, route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DPI acquisition, TPOD employment, laser marksmanship, laser deconfliction, ordnance employment, BHA, and SACT. Adversaries should be tasked as level 2 or 3 with no greater than 2 group problems. The debrief will be comprised of a fighter element scrub, mass TCTS debrief, fighter debrief and tape review. The mass debrief should be face to face with red air to max extent possible. The fighter debrief and tape review will cover safety of flight, ordnance delivery and effectiveness, DPI acquisition, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Deliver weapons on planned DPI.

Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Take valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL-6301 through SSL FLSE-6318, ACPM-8630, 8660.

Ordnance. 2 GBU-12/16 or 2 LGTR, CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), LGB, EXP.

External Syllabus Support. Two or more (dissimilar) Adversaries, AIC, RTO.

2.14.6 Division Leader Standardization and Designation (DL)

2.14.6.1 Purpose. To prepare and evaluate the prospective division leader's ability to plan, brief, execute and lead a mission-oriented event as a division leader.

2.14.6.2 General

a. Prospective division leaders (PDL) shall have a minimum of 400 hours in model, 600 hours total, and have flown a minimum of three flights as a designated section leader. WSOs are also required to complete the division leader equivelant syllabus. WSOs shall have a minimum of 400 hours in model and be designated section leaders. WSOs are required to brief and debrief events DL FLSE-6403 and DL FLSE-6406.

b. All DL events shall be evaluated by a designated mission commander, SFTI or MDTC graduate pilot. A mission commander, SFTI or MDTC graduate WSO may evaluate when paired with a designated division leader pilot or higher.

c. To the greatest extent possible, PDLs should conduct the following day and night syllabus sorties in order. All DL events shall be evaluated by a designated mission commander, SFTI or MDTC graduate. Two specific DL events (labeled DL FLSE) shall be evaluated by a standardized, MAG CO designated, FLSE assigned by the MATSS OIC from outside of the squadron. A WSO FLSE may evaluate any pilot FLSE event when crewed with a non-FLSE pilot one designation higher than the pilot under instruction.

d. The DL evaluator will use the sortie requirement accomplishment criterion (mission performance standards) to determine whether the PDL completed the sortie. The PDL will use the performance standards to debrief the flight. All simulator events will include full mission briefs (excluding admin) for a duration of not less than 1 hour.

e. Completion of the DL syllabus meets the requirements for designation as division leader. At the discretion of the squadron commanding officer, a letter designating the pilot as division leader shall be placed in the NATOPS jacket and APR. Re-designation for aircrew that do not require Core Skill Introduction Refresher training is at the discretion of the commanding officer. For aircrew that require Refresher training, the minimum re-designation requirement is successful completion of the R-coded events.

f. Aircraft should be configured with operable VTR/CVRS, ALQ-126B/165, ALR-67, KY-58, TPOD, Link-16, CIT, DCS/VMF, LST, and TCTS pods, and chaff/flare.

2.14.6.3 Academic Training. Academic training shall be conducted IAW FA-18 Course Catalog.

2.14.6.4 Training Requirements. Additional training requirements are to be performed on the flights assigned below. If the requirements can not be accomplished on the designated flight (weather, runway, etc.) it shall be completed prior to the DL-6407.

TRAINING REQUIREMENTS	FLIGHT
LEAD DIV. RDR TRAIL	DL-6406
LEAD OVERHEAD BREAK	DL-6406
LEAD SIM NORDO APPROACH	DL-6402
LEAD SIM HUNG ORD APP	DL-6404
LEAD STRT IN FLT LD SEP	DL-6402
LEAD OVERHEAD BREAK - NT	DL-6407
LEAD STRT IN FLT LD SEP - NT	DL-6404

SDL-6401 1.5 * 4 TOFT S

Goal. Conduct a 4vX OCA (Sweep) against an unknown number of SAR-2/AR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on flow, commit and reset criteria, targeting, maneuvering mech, on/offboard PHID, EA, weapons employment and overall flight leadership while executing a DTD game plan.

Requirement. Plan, brief, lead, and debrief a division OCA. At least two, three group problems are required. Brief will focus on the mission planning factors, DTD fundamentals, timeline awareness, tether management, targeting, maneuvering target mech, electronic attack and defensive considerations using a MOR timeline, DTD tactics. At least two 20 min missions shall be conducted. At the conclusion of each, the PDL will verbally recall the events and identify the pertinent learning points to discuss in the debrief. Debrief should be conducted using BDS and should focus on the learning points identified post each run. Debrief will include an evaluation of targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards and mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using BDS.

Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL CHECK-6319.

DL-6402 1.3 * 4 FA-18A/C/D 3+ ADV A

Goal. Conduct a 4vX OCA (Sweep) against an unknown number of SAR-2/AR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on flow, commit and reset criteria, targeting, maneuvering mech, on/offboard PHID, EA, weapons employment and overall flight leadership while executing a DTD game plan.

Requirement. Plan, brief, lead, and debrief a division OCA that recovers via a visual straight in with one wingman simulated NORDO. Adversaries shall be tasked level 3 or 4 and at least one three group problem is required. Brief will focus on the mission planning factors, DTD fundamentals, timeline awareness, tether management, targeting, maneuvering target mech, electronic attack and defensive considerations using a MOR timeline, DTD tactics. Flight will use AIC, RTO, and separate frequencies if available. A minimum of 15K' of maneuvering airspace is required. The debrief will be comprised of a fighter element scrub, mass TCTS debrief, fighter debrief and tape review. The mass debrief should be face to face with red air to max extent possible. The fighter debrief and tape review will evaluate safety of flight, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SDL-6401.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, TCTS, EW, EXP.

External Syllabus Support. Three or more (dissimilar) Adversaries, AIC, RTO.

SDL FLSE-6403 1.5 * 4 TOFT S

Goal. Demonstrate knowledge and proficiency in being able to teach and execute a 4vX DCA (Area Defense) against unknown number of SAR-2/AR-1/IR-3 adversaries. Target audience is

2000 phase complete. Emphasis will be placed on FEZ planning and management, commit and reset criteria, targeting, maneuvering mech, on/offboard PHID, weapons employment. Game plan will be to use DTD.

Requirement. Evaluated by an FLSE. Plan, brief, lead, and debrief a division DCA DTD using a FEZ/MEZ. At least two, three group problems are required. Brief will focus on the mission planning factors, DTD fundamentals, targeting, timeline awareness, tether management, maneuvering target mech, electronic attack and defensive considerations using a MOR timeline, DTD tactics. PHID should be briefed to allow onboard autonomous ID. The flight should be run using two defined vuls (20 mins). After each vul the PDL will verbally recall the events and identify the pertinent learning points to discuss in the debrief. Debrief should be conducted using BDS and should focus on the learning points identified post each run. Debrief will include an evaluation of targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards and mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using BDS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL CHECK-6319.

DL-6404 1.3 * 4 FA-18A/C/D 3+ ADV A NS

Goal. Conduct a night 4vX DCA (Area Defense) against unknown number of SAR-2/AR-1/ IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on FEZ planning and management, timeline awareness, commit and reset criteria, targeting, maneuvering mech, on/offboard PHID, EA, weapons employment and overall flight leadership while executing a DTD game plan.

Requirement. Plan, brief, lead, and debrief a division area DCA using a FEZ/MEZ. Adversaries shall be tasked at level 3 or 4 and at least one three group problem is required. Brief will focus on the mission planning factors, DTD fundamentals, targeting, tether management, timeline awareness, maneuvering targeting mech, electronic attack and defensive considerations using a MOR timeline, DTD tactics. VID game plan shall be briefed based on flow mindset. PHID should be briefed to allow onboard autonomous ID. Flight will use AIC, RTO, and separate frequencies if available. A minimum of 15K' of maneuvering airspace is required. The flight should be run using one continuous defined vul. The debrief will be

comprised of a fighter element scrub, mass TCTS debrief, fighter debrief and tape review. The mass debrief should be face-to-face with red air to max extent possible. The fighter debrief and tape review will evaluate safety of flight, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Maintain mutual support.
Execute proper radar mech.
Effective targeting/retargeting.
Recognize threat tactics.
Take valid shots.
Timeline awareness.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SDL FLSE-6403.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, TCTS, EW, EXP.

External Syllabus Support. Three or more (dissimilar) adversaries, AIC, RTO.

SDL-6405 1.5 * 4 TOFT or 4 FA-18A/C/D vs. 2+ ADV S/A

Goal. Conduct a low altitude, division, Air Interdiction mission against an unknown number of SAR-1/IR-3 adversaries. Target audience is 2000 phase complete. Emphasis will be placed on strike route planning, WASP planning, tactical decision making, target acquisition and destructions, timeline awareness, threat countertactics, and overall flight leadership. Additional emphasis will be placed on terrain clearance tasks, fuel management, route timing, BHA, and C3 information flow.

Requirement. May be flown as a simulator or as a flight. Plan, brief, lead, and debrief a low altitude strike against a target protected by IADS with unguided ordnance that recovers via the overhead break. For completion, the flight must successfully attack and achieve desired Pd against a given target. TOT should coincide with a preplanned SEAD window based mission planning factors provided by the FLSE. Brief will focus on the mission planning factors, strike-fighter route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DMPI acquisition, ordnance employment, BHA, and surface to air counter-tactics. Adversaries should be tasked as level 2 or 3 with no greater than two group problems. Debrief should be conducted using BDS/TCTS playback and should include a face-to-face red air debrief to the maximum extent possible. The fighter debrief shall include a tape review and will evaluate safety of flight, targeting/tactical decision making, timeline

awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, target acquisition, weapons employment, shot and ordnance delivery validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Deliver weapons on planned DMPI.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Take valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SL CHECK-6319.

Ordnance. 2 MK-82/83/84 or 6 MK-76 and/or BDU-48, CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. MOA, RSTD, MTR, LAT, AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, HVY INERT, LGB, EXP.

External Syllabus Support. Two or more (dissimilar)adversaries, AIC, RTO.

DL FLSE-6406 1.3 * 4 FA-18A/C/D vs. 2+ ADV A

Goal. Conduct a medium altitude, day, division, PGM/IAM Air Interdiction mission against an unknown number of SAR-1/IR-3 adversaries and an integrated air defense system. Emphasis will be placed on strike route planning, weaponeering, SEAD mission planning, tactical decision making, target acquisition and destruction, threat counter tactics, and overall flight leadership. Additional emphasis will be placed on fuel management, route timing, BHA, and C3 information flow.

Requirement. Evaluated by a FLSE. Plan, brief, lead, and debrief a medium altitude strike against a target protected by IADS with LGBs and/or JDAM. For completion, the flight must successfully attack and achieve desired P_D against a given target. TOT should coincide with a preplanned SEAD window based on mission planning factors. Brief will focus on the mission planning factors, ordnance required to accomplish the mission, route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DPI acquisition, ordnance employment, BHA, and surface-to-air countertactics. Adversaries should be tasked as level 2 or 3 with no more than two group problems. The debrief will be comprised of a fighter element scrub, mass TCTS debrief, fighter debrief and tape review. The mass debrief should be face to face with red air to max extent possible. The fighter debrief and tape review will cover safety of flight, ordnance delivery & effectiveness, DPI acquisition, targeting/tactical decision making, timeline

awareness, radar mech, comm, PHID indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Deliver weapons on planned DPI.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Take valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. SDL-6405.

Ordnance. 2 GBU-12/16 or 2 LGTRS and/or 2 GBU-32/38, CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, LT INERT, HVY INERT, JDAM, LGB, EXP.

External Syllabus Support. Two or more (dissimilar) adversaries, AIC, RTO.

DL CHECK-6407 1.3 * R 4 FA-18A/C/D vs. 2+ ADV A NS

Goal. Conduct a medium altitude, night, division, PGM/IAM Air Interdiction mission against an unknown number of SAR-1/IR-3 adversaries and an integrated air defense system. Target audience is 2000 phase complete. Emphasis will be placed on strike route planning, weaponeering, SEAD mission planning, tactical decision making, target acquisition and destruction, threat counter tactics, and overall flight leadership. Additional emphasis will be placed on fuel management, route timing, BHA, and C3 information flow.

Requirement. Plan, brief, lead, and debrief a medium altitude strike against a target protected by IADS with LGBs and/or JDAM. For completion, the flight must successfully attack and achieve desired P_D against a given target. TOT should coincide with a preplanned SEAD window based on mission planning factors. Brief will focus on the mission planning factors, ordnance required to accomplish the mission, route planning, differences in flow desired (inbound) and flow required (off target), target area tactics/deconfliction, DPI acquisition, ordnance employment, BHA, and surface-to-air countertactics. Adversaries should be tasked as level 2 or 3 with no more than two group problems. The debrief will be comprised of a fighter element scrub, mass TCTS debrief, fighter debrief and tape review. The mass debrief should be face to face with red air to max extent possible. The fighter debrief and tape review will cover safety of flight, ordnance delivery & effectiveness, DPI acquisition, targeting/tactical decision making, timeline awareness, radar mech, comm, PHID

indications, RWR indications, EA indications, defensive considerations, shot validation, mission performance standards, mission accomplishment and overall flight leadership.

Performance Standards
Recognize and react appropriately to both surface-to-air and air-to-air threats.
Effective targeting/retargeting.
Tactical decision making IAW mission objectives.
Accurately recall and reconstruct using TCTS.
Deliver weapons on planned DPI.
Adhere to WASP delivery parameters and TACSOP valid delivery criteria.
Take valid shots.
Maintain mutual support.
Draw valid learning points.
Provide effective flight leadership and direction.

Prerequisite. DL FLSE-6406, ACPM-8640, 8641.

Ordnance. 2 GBU-12/16 or 2 LGTRS and/or 2 GBU-32/38, CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, LT INERT, HVY INERT, JDAM, LGB, EXP.

External Syllabus Support. Two or more (dissimilar) adversaries, AIC, RTO.

2.14.7 Mission Commander Standardization and Designation (MC)

2.14.7.1 Purpose. To prepare and evaluate the prospective mission commander's ability to plan, brief and lead an event as a mission commander.

2.14.7.2 General

a. Prospective Mission Commanders (PMC) shall have a minimum of 500 hours in type, have flown a minimum of three flights as a designated division leader (pilots only). PMC WSOs shall have 500 hours in type and be designated as a division leader. When feasible, pilot and WSO mission commander T&R events should be completed separately. When events are completed as a crew, the briefing and debriefing responsibilities shall be split equally between the pilot and WSO. Pilot and WSO crews shall change briefing and debriefing responsibilities between the three mission commander events.

b. To the greatest extent possible, PMCs should conduct the following day and night syllabus sorties in order. All MC events shall be evaluated by a designated WTI, NSAWC Airwing Strike Lead, squadron commanding officer or the squadron commanding officer's designated representative.

c. The MC evaluator will use the sortie requirement accomplishment criterion to determine whether the PMC completed the sortie. The PMC will use the performance standards to debrief the flight.

d. Completion of the MC syllabus meets the requirements for designation as a mission commander. At the discretion of the squadron commanding officer, a letter designating the aircrew as a mission commander shall be placed in the NATOPS jacket and APR. Re-designation for aircrew

that do not require Core Skill Introduction Refresher training is at the discretion of the commanding officer. For aircrew that require Refresher training, the minimum re-designation requirement is successful completion of the R-coded events.

e. Aircraft should be configured with operable VTR/CVRS, ALQ-126B/165, ALR-67, KY-58, TPOD, CIT, Link-16, DCS/VMF, and LST when required.

MC-6501 1.3 * 8+ Blue a/c vs. 4+ (DISS) Adversary A (NS)

Goal. Conduct an Air Defense mission of defended assets for a continuous defined vul period. Emphasis shall be placed on coordinating mission planning, asset integration, information flow, cap management, ROE, PHID, and overall mission accomplishment.

Requirement. Plan, brief, lead, and debrief an Air Defense mission against an unknown number of adversaries. Incorporate AC2W, ground-based air defense, air-refueling, and multiple fighter elements in the mission planning to achieve a cohesive defense of the defended assets. Adversaries present a level 3 or 4 adversary simulation IAW the TACSOP. Fighter weapons control status is tight with ROE and PHID criteria set by the mission commander during mission planning according to theater of operation. Incorporate missile and fighter engagement zones as appropriate. Conduct the mass brief and the FA-18 fighter brief. Conduct the mass debrief. Draw valid learning points.

Performance Standards
Supervise mission planning IOT ensure a timely and tactically sound plan.
Effectively act as CAP manager.
Effectively and safely lead a FA-18 division.
Decision-making and communications directs and coordinates blue fighters and agencies to accomplish the mission.
Manage fallouts, alibis, and exceptions.
Debrief relevant learning points from all participants.
Accurately assess mission success or failure.
Make effective recommendations to improve overall mission performance.

Prerequisite. DL CHECK-6407.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, TCTS, EXP, MACH 1+.

External Syllabus Support. AIC, four or more (dissimilar) adversaries. Tanker support preferred.

MC-6502 1.3 * 8+ Blue a/c vs. 4+ (DISS) Adversary A

Goal. Conduct a day Air Interdiction Large Force Exercise. Emphasis shall be placed on coordinating mission planning, airborne decision-making, asset management and integration, and control of multiple aircraft elements and agencies.

Requirement. Plan, brief, lead, and debrief an Air Interdiction Large Force Exercise as a mission commander.

Incorporate multiple blue air fighter, SEAD, EW, and strike elements. Lead the FA-18 strike element. Adversaries present a level 3 or 4 adversary simulation IAW the TACSOP. Conduct the mass brief and the FA-18 fighter brief. Conduct the mass debrief. Draw valid learning points.

Performance Standards
Supervise mission planning IOT ensure a timely and tactically sound plan under a constrained timeline.
Effectively and safely lead and direct the strike package.
Manage fallouts, alibis, and exceptions.
Draw out and brief relevant learning points from all participants.
Accurately assess mission success or failure.
Make effective recommendations to improve overall mission performance.

Prerequisite. DL CHECK-6407.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, TCTS, EXP, EW.

External Syllabus Support. AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft preferred, one electronic attack aircraft preferred, tanker support preferred.

MC CHECK-6503 1.3 * R 8+ Blue a/c vs. 4+ (DISS) Adversary A NS

Goal. Conduct a night Air Interdiction Large Force Exercise. Emphasis shall be placed on coordinating mission planning, airborne decision-making, asset management and integration, and control of multiple aircraft elements and agencies.

Requirement. Plan, brief, lead, and debrief an Air Interdiction Large Force Exercise as a mission commander. Incorporate multiple blue air fighter, SEAD, EW, and strike elements. Lead the FA-18 strike element. Adversaries present a level 3 or 4 adversary simulation IAW the TACSOP. Conduct the mass brief and the FA-18 fighter brief. Conduct the mass debrief. Draw valid learning points.

Performance Standards
Supervise mission planning IOT ensure a timely and tactically sound plan under a constrained timeline.
Effectively and safely lead and direct the entire strike package.
Manage fallouts, alibis, and exceptions.
Debrief relevant learning points from all participants.
Accurately assess mission success or failure.
Make effective recommendations to improve overall mission performance.

Prerequisite. MC-6501, MC-6502, ACPM-8620.

Ordnance. CATM-9X, CATM-7/120, 40 Chaff, 20 Flare.

Range Requirements. AA, EXP, TCTS, TGT, LGB, TGT-DISP.

External Syllabus Support. AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft, one electronic attack aircraft preferred, tanker support preferred.

2.14.8 Weapons School Graduate Instructor (INSTR)

2.14.8.1 Purpose. To track completion of Weapons Schools and designation as graduate instructors.

2.14.8.2 General. Letters from the squadron commanding officer awarding the these designations shall be placed in the NATOPS jacket and APR.

INSTR-6601 Weapons and Tactics Instructor (WTI) Course graduate.

INSTR-6602 Marine Division Tactics Course (MDTC) graduate.

INSTR-6603 Naval Fighter Weapons School (TOPGUN) graduate.

2.14.9 Specific Weapons Delivery Proficiency [Surface (SSWD); Aerial (ASWD)]

2.14.9.1 Purpose. To track proficiency in specific weapons employment. SSWD-6701 - SSWD-6710 constitute weapons proficiency requirements as part of the Core Model Minimum Requirement (CMMR).

2.14.9.2 General

a. Emphasize safe, effective employment of all weapons.

b. Since air-to-air weapons employment involves live firing, flight leads, lead safes, and tractor aircrew will closely monitor aircrew for any unsafe tendencies.

c. Due to the dynamic nature of employing air-to-air weapons systems, commanding officers will ensure each ASWD brief includes detailed discussion of avoiding airborne debris and towed targets after air-to-air weapons employment.

d. In order to perform proper post flight analysis, all aircraft participating in ASWD sorties require operable VTR/CVRS.

SSWD-6701 180 R,M 1 FA-18A/C/D A

Goal. Track proficiency in firing the M61A1 20mm Gun at a surface target.

Requirement. Must successfully employ the gun on two separate runs against a surface target for completion.

Ordnance. At least 250 20mm.

Range Requirements. STRAFE.

SSWD-6702 90 R,M 1 FA-18A/C/D A

Goal. Track proficiency in dropping MK-76s.

Requirement. Must drop one MK-76 for completion.

Ordnance. At least one Mk-76.

Range requirements. LT INERT.

SSWD-6703 180 1 FA-18A/C/D A

Goal. Track proficiency in dropping inert Mk-82, 83, or 84 bombs.

Requirement. Must drop one bomb for completion.

Ordnance. At least one inert Mk-82, 83, or 84 bomb.

Range requirements. HVY INERT.

SSWD-6704 180 R,M 1 FA-18A/C/D A

Goal. Track proficiency in dropping live Mk-82, 83, or 84 bombs.

Requirement. Must drop one bomb for completion.

Ordnance. At least one Mk-82, 83, or 84 bomb.

Range requirements. HE.

SSWD-6705 90 R 1 FA-18A/C/D A

Goal. Track proficiency in dropping LGTRs.

Requirement. Must drop one LGTR for completion.

Ordnance. At least one LGTR.

Range requirements. LT INERT, LSR.

SSWD-6706 180 R 1 FA-18A/C/D A

Goal. Track proficiency in dropping inert laser guided bombs.

Requirement. Must drop one inert GBU-10, 12, 16, or 24 for completion.

Ordnance. At least one GBU-10, 12, 16, or 24.

Range requirements. HVY INERT, LSR.

SSWD-6707 365 R,M 1 FA-18A/C/D A

Goal. Track proficiency in dropping laser guided bombs.

Requirement. Must drop one GBU-10, 12, 16 or 24 for completion.

Ordnance. At least one GBU-10, 12, 16, 24 or an LGTR.

Range requirements. HE/HVY INERT, LSR.

SSWD-6708 180 1 FA-18A/C/D A

Goal. Track proficiency in captive carry of a JDAM.

Requirement. Captive carry one JDAM.

Ordnance. One captive JDAM.

SSWD-6709 180 R 1 FA-18A/C/D A

Goal. Track proficiency in delivering inert JDAM.

Requirement. Deliver one inert JDAM.

Ordnance. One inert JDAM.

Range requirements. HVY INERT.

SSWD-6710 365 R,M 1 FA-18A/C/D A

Goal. Track proficiency in delivering JDAM.

Requirement. Deliver one JDAM.

Ordnance. One JDAM.

Range requirements. HE.

SSWD-6711 180 1 FA-18A/C/D A

Goal. Track proficiency in captive carry AGM-65E Laser Maverick employment.

Requirement. Functional captive AGM-65E Laser Maverick.

Ordnance. At least one captive AGM-65E Laser Maverick.

Range requirement. LSR.

SSWD-6712 1095 1 FA-18A/C/D A

Goal. Track proficiency in shooting AGM-65E Laser Maverick.

Requirement. Must shoot one AGM-65E Laser Maverick.

Ordnance. At least one AGM-65E Laser Maverick.

External Syllabus Support. Live Surface-to-Air missile range that is laser safe.

SSWD-6713 365 1 FA-18A/C/D A

Goal. Track proficiency in shooting live or inert 5.0" or 2.75" rockets.

Requirement. Shoot one pod of rockets for completion.

Ordnance. At least four 5.0" or seven 2.75" rocket.

Range requirements. Live or inert ordnance range.

SSWD-6714 365 1 FA-18A/C/D A

Goal. Track proficiency in employing battlefield illumination.

Requirement. Shoot two illumination rockets or drop two LUU-2/19 flares for completion.

Ordnance. At least four 5.0" or seven 2.75" illumination rockets and/or 4 LUU-2/19.

Range requirement. Inert ordnance range.

SSWD-6715 365 1 FA-18A/C/D A

Goal. Track proficiency in dropping live or inert CBU-99/100 Rockeye.

Requirement. Drop one Rockeye for completion.

Ordnance. At least one Rockeye.

Range requirement. CBU.

SSWD-6716 545 1 FA-18A/C/D A

Goal. Track proficiency in dropping MK-77 Fire Bomb munition.

Requirement. Drop one MK-77 Fire Bomb for completion.

Ordnance. At least one MK-77 Fire Bomb.

External Syllabus Support. Live ordnance range.

SSWD-6717 545 1 FA-18A/C/D A

Goal. Track proficiency in captive carry of a JSOW.

Requirement. Captive carry one JSOW.

Ordnance. One captive JSOW.

SSWD-6718 1095 1 FA-18A/C/D A

Goal. Track proficiency in delivering JSOW.

Requirement. Deliver one JSOW.

Ordnance. One JSOW.

Range requirement. Live ordnance range.

SSWD-6719 180 1 FA-18A/C/D A

Goal. Track proficiency in captive carry of AGM-88 HARM.

Requirement. Functional captive AGM-88 HARM.

Ordnance. At least one captive AGM-88 HARM.

SSWD-6720 1095 1 FA-18A/C/D A

Goal. Track proficiency in shooting the AGM-88 HARM.

Requirement. Shoot one AGM-88 HARM.

Ordnance. At least one AGM-88 HARM.

External Syllabus Support. Live Air-to-Surface missile range with a range safety officer, emitter on the range.

SSWD-6721 545 1 FA-18A/C/D A

Goal. Track proficiency in captive carry of the SLAM(ER).

Requirement. Functional captive SLAM(ER), 1 AAW-13 pod.

Ordnance. One SLAM(ER), 1 AAW-13 pod.

SSWD-6722 1095 1 FA-18A/C/D A

Goal. Track proficiency in shooting the SLAM(ER).

Requirement. Shoot one SLAM(ER).

Ordnance. At least one SLAM(ER), 1 AAW-13 pod.

Range requirement. Live Air-to-Surface missile range with a range safety officer.

SSWD-6723 1095 1 FA-18A/C/D A

Goal. Track proficiency in dropping a TALD.

Requirement. Drop one TALD.

Ordnance. At least one TALD.

Range requirement. Inert or live ordnance range.

ASWD-6724 730 2+ FA-18A/C/D A

Goal. Introduce aerial gunnery (circular pattern). Emphasize pattern procedures, pipper control, firing technique, and postflight analysis.

Requirement. Conduct a dry or live fire aerial gunnery pattern. Eight runs on a maneuvering or non-maneuvering banner/dart required for completion.

Performance Standards
Achieve 10% hits.
Flies a consistent pattern.
Responds to range safety officer commands.

Prerequisite. AA-2509.

Ordnance. 500 20mm.

External Syllabus Support. One banner/dart tow aircraft, live aerial gunnery range.

ASWD-6725 730 2+ FA-18A/C/D A

Goal. Practice aerial gunnery (forward quarter pattern) and evaluate firing technique.

Requirement. Conduct live fire aerial gunnery (forward quarter pattern). Eight runs on a maneuvering or non-maneuvering banner/dart required for completion.

Performance Standards
Achieve 10% hits.
Flies a consistent pattern.
Responds to range safety officer commands.

Prerequisite. ASWD-6724.

Ordnance. 500 20mm.

External Syllabus Support. One banner/dart tow aircraft, live aerial gunnery range.

ASWD-6726 1095 2+ FA-18A/C/D A

Goal. Track proficiency in employment of an AIM-9.

Requirement. Fire an AIM-9 against an airborne target.

Ordnance. 1 AIM-9M/X.

External Syllabus Support. Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP-3, E-2C, etc). One BQM, AQM, or TALD with IR augmentation package.

ASWD-6727 1095 2+ FA-18A/C/D A

Goal. Track proficiency in employment of an AIM-7.

Requirement. Fire an AIM-7 against an airborne target.

Ordnance. 1 AIM-7M/H.

External Syllabus Support. Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP-3, E-2C, etc.). One BQM, AQM, or TALD with radar augmentation package.

ASWD-6728 1095 2+ FA-18A/C/D A

Goal. Track proficiency in employment of an AIM-120.

Requirement. Fire an AIM-120 against an airborne target.

Ordnance. 1 AIM-120A/B/C.

External Syllabus Support. Missile test range and airspace control agency. Surface search and aerial search radar

platform, (EP-3, E-2C, etc). One BQM, AQM, or TALD with radar augmentation package.

ASWD-6729 1095 2 FA-18A/C/D A

Goal. Track proficiency in towing the banner.

Requirement. Tow the banner.

Ordnance. One banner.

ASWD-6730 90 1 FA-18A/C/D A

Goal. Track proficiency in carriage of an AIM-9 captive air training missile (CATM).

Requirement. Carry a CATM-9.

Ordnance. One functional CATM-9.

ASWD-6731 90 1 FA-18A/C/D A

Goal. Track proficiency in carriage of an AIM-7 captive air training missile (CATM).

Requirement. Carry a CATM-7.

Ordnance. One functional CATM-7.

ASWD-6732 90 1 FA-18A/C/D A

Goal. Track proficiency in carriage of an AIM-120 captive air training missile (CATM).

Requirement. Carry a CATM-120.

Ordnance. One functional CATM-120..

SSWD-6733 15 R,M 2 FA-18A/C/D A NS

Goal. Track proficiency in firing the M61A1 20mm Gun at a surface target at night.

Requirement. Must successfully employ the gun at night on two separate runs against a surface target for completion.

Ordnance. At least 250 20mm.

Range requirement. STRAFE.

LASWD-6734 * Lab

Goal. Track attendace of an air to air briefing lab.

Requirement. Conduct an air to air briefing lab.

SSWD-6735 15 R,M 2 FA-18A/C/D A (NS)

Goal. Track proficiency in day / night dive deliveries.

Requirement. Must successfully execute a day or night dive delivery.

Ordnance. Simulated or actual dive delivered ordnance.

2.15 MOS SYLLABUS AND SUPPORT REQUIREMENTS MATRICES. The MOS Syllabus Matrix for each platform (1.a and 2.a) displays specific 2000 - 6000 phase event information such as flight/simulator hours, refly interval, prerequisites, chaining, etc. The Ordnance and External Support Matrix for each platform (1.b and 2.b) shows ordnance, range, and external support requirements by event. These matrices are intended to support the squadron Flight Officer and schedule writers in effective scheduling of squadron aircrew and external support resources.

2.15.1 FA-18A/C

a. FA-18A/C Syllabus Matrix (FAI* / NSI* - reference individual event descriptions for instructor requirements)

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
CORE SKILLS (2000 PHASE EVENTS)																
FAMILIARIZATION (FAM)																
AFAM	2001	JMPS MISSION PLANNING		L			*									
AFAM	2002	PERFORMANCE ENHANCEMENT		L			*									
SFAM	2101	EP SIM		S	1	(NS)	90	M	R			X	1.0			
FAM	2102	DAY FAM / 1V0 / 1V1 AWI		A	1+		30	M	R	2101				X	1.3	
FAM TOTAL												1	1.0	1	1.3	
AIR - TO - AIR REFUELING (AAR)																
AAR	2201	DAY AAR		A	1+		365		R	2102	2102			X	1.3	
AAR	2202	NIGHT AAR		A	1+	(NS)	365	M	R	2201	2102,2201,2402(NS)			X	1.3	
AAR TOTAL												0	0.0	2	2.6	
AIR - TO - SURFACE (AS)																
AAS	2003	S/A COUNTERTACTICS		L			*									
AAS	2004	EW SUITE		L			*									
AAS	2005	NON-RF SAMS & AAA		L			*									
AAS	2006	RF SAMS		L			*									
AAS	2007	SAM MISCONCEPTIONS BY KURT WALDRON		L			*									
AAS	2008	BOMBS, FINS, & FUZES		L			*									
AAS	2009	WASP, PT I		L			*									
AAS	2010	WASP, PT II		L			*									
AAS	2011	A/G GUNNERY		L			*									
AAS	2012	TARGETING PODS (LITENING/ATFLIR)		L			*									
AAS	2013	LASER GUIDED BOMBS (PAVEWAY II/DMLGB)		L			*									
AAS	2014	MAVERICK EMPLOYMENT		L			*									
AAS	2015	CLUSTER MUNITIONS		L			*									
AAS	2016	GPS WEAPONS: GPS THEORY		L			*									
AAS	2017	GPS WEAPONS: JDAM/LJDAM		L			*									
SAS	2301	HI/MED/LOW ANGLE DIVE (GP(LOW DRAG)/CBU) SIM	SL	S	1+	(NS)	*					X	1.5			
SAS	2302	MED/LOW ANGLE SGL/SEC POP/DIVE(GP(HIGH DRAG) /ROCKETS/STRAFE) SIM	SL	S	2	(NS)	*		R	2301		X	1.5			2303
AS	2303	HI/MED ANGLE DIVE (GP)	SL	A	2+	(NS)	180	M	R	2102,2301	2102,2402(NS)			X	1.3	2307
AS	2304	MED/LOW ANGLE SGL/SEC POP (GP/STRAFE)	SL	A	2	(NS)	180	M	R	2302	2102,2402(NS)			X	1.3	2308

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
SAS	2305	SACT SIM	FAI*	S	2+	(NS)	180	M	R	2301		X	1.0			2301
AS	2306	SACT FLIGHT	SL	A	2		540	M	R	2305	2102,2305			X	1.3	
SAS	2307	TPOD/LGB/LMAV SIM	SL	S	1+	(NS)	*					X	1.0			2302
SAS	2308	TPOD/JDAM/LJDAM SIM	SL	S	1+	(NS)	*			2307		X	1.0			2304
SAS	2309	BUDDY LASE/BOMB/LMAV/ LGB/TPOD SIM	SL	S	2+	(NS)	365	M	R	2307		X	1.5			2305
AS	2310	BUDDY LASE/BOMB/IAM/ TPOD	SL	A	2+	(NS)	*			2102,2309	2102,2402(NS)			X	1.3	2313
						AS TOTAL						6	7.5	4	5.2	
						NIGHT SYSTEMS (NS)										
ANS	2018	NS TACTICAL CONSIDERATIONS		L			*									
SNS	2401	FAM SIM	SL	S	2	NS	*			2102		X	1.0			
NS	2402	FAM/FORM/AWI	NSI*	A	2	NS	180	M	R	2102,2401	2102			X	1.3	
NS	2403	2V2 INTERCEPTS	NSI*	A	2	NS	*			2402,2507	2102,2402			X	1.3	
NS	2404	MED ANGLE DIVE/POP/ STRAFE	NSI*	A	2	NS	*			2303,2304,2402	2102,2304,2402			X	1.3	
NS	2405	SEC IAM DELIVERIES	SL	A	2	NS	*			2310,2404	2102,2309,2402			X	1.3	
						NS TOTAL						1	1.0	4	5.2	
						AIR - TO - AIR (AA)										
AAA	2019	COMBAT GUNNERY		L			*									
AAA	2020	AIM-9		L			*									
AAA	2021	AIM-120		L			*									
AAA	2022	1V1 AIR COMBAT		L			*									
AAA	2023	SECTION ENGAGED MANEUVERING		L			*									
AAA	2024	FA-18 A/A EMPLOYMENT		L			*									
AAA	2025	RADAR THEORY		L			*									
AAA	2026	APG-65/73		L			*									
AAA	2027	COMBAT SYS (MIDS)		L			*									
AAA	2028	THREAT AIRCRAFT		L			*									
AAA	2029	THREAT A/A MISSILES		L			*									
AA	2501	1V1 OFFENSIVE BFM	DL	A	2		180	M	R	2102	2102			X	1.3	2502
AA	2502	1V1 DEFENSIVE BFM	DL	A	2		180	M	R	2501	2102			X	1.3	2503
AA	2503	1V1 NEUTRAL BFM (HA/ROLLER)	FAI*	A	2		90	M	R	2502	2102			X	1.3	2504
AA	2504	1V1 DISSIMILAR BFM	DL	A	1		365	M	R	2503	2102, 2503			X	1.3	2505
SAA	2505	RADAR/EA/COMBAT SYS	SL	S	1		*			2102		X	1.0			2501
SAA	2506	BVR RADAR & SRR (NTD) SIM	SL	S	1		*			2505		X	1.0			2507
SAA	2507	2V2 BVR (NTD) VID SIM	SL	S	2		*		R	2506		X	1.0			2508
AA	2508	2V1 OR 2V2 SEM/TAP-N-CAP (DISSIMILAR)	FAI*	A	2		180	M	R	2507	2102			X	1.3	2506
AA	2509	2V2 BVR (NTD)	DL	A	2		*			2504,2507	2102			X	1.3	2510
						AA TOTAL						3	3.0	6	7.8	

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
LOW ALTITUDE TACTICS (LAT)																
ALAT	2030	LAT PART I: PHILOSOPHY & CONCEPTS		L			*									
ALAT	2031	LAT PART II: RISK ASSESSMENT		L			*									
ALAT	2032	LAT PART III: BASIC & SECTION MANEUVERING		L			*									
ALAT	2033	LAT PART IV: ADVANCED MANEUVERING		L			*									
SLAT	2601	LAT SIM	LATI	S	1+		*		R	2304,2306	2302	X	1.0			
LAT	2602	SGL SHIP LAT (2/3D, TRXN, TGT ATTACK)	LATI	A	2		*			2601	2102,2304,2306			X	1.3	
LAT	2603	SEC LAT (TRXN, TGT ATTACK) - CHECK	LATI	A	2		365	M	R	2602	2102,2302,2304,2306			X	1.3	
LAT TOTAL												1	1.0	2	2.6	
CORE SKILLS TOTAL												12	13.5	19	24.7	
MISSION SKILLS (3000 PHASE EVENTS)																
CLOSE AIR SUPPORT (CAS)																
ACAS	3001	FIRE SUPPORT COORD MEASURES		L			*									
ACAS	3002	JOINT CAS DOCTRINE		L			*									
ACAS	3003	CAS		L			*									
ACAS	3004	URBAN CAS		L			*									
ACAS	3005	DCS/AMF		L			*									
SCAS	3101	GP CAS SIM	FAI*	S	2		*			2304		X	1.0			2701
SCAS	3102	PGM CAS SIM		S	2	(NS)	120	M	R	3101,2310		X	1.0			3101
CAS	3103	DAY GP CAS		A	2		365	M	R	3101	2102,3101			X	1.3	2702
CAS	3104	DAY PGM CAS	FAI*	A	2		180	M	R	3102	2102,3102			X	1.3	3102
CAS	3105	URBAN CAS		A	2	(NS)	365	M	R	3104	2102,2402(NS)			X	1.3	3104
CAS	3106	NIGHT CAS		A	2	NS	180	M	R	3104	2102,2402			X	1.3	3103
CAS TOTAL												2	2.0	4	5.2	
ARMED RECONNAISSANCE (AR)																
AAR	3047	AR / SCAR		L			*									
AAR	3048	JMEMS		L			*									
AAR	3049	GPS WPNS: TARGET COORDINATES		L			*									
SAR	3201	AR (GP, PGM)		S	2	(NS)	180	M	R	2304,2305,2310		X	1.0			
AR	3202	DAY AR		A	2		365	M	R	3201	2102,3201			X	1.3	
AR	3203	NIGHT AR		A	2	NS	180	M	R	3202	2102,3201,2402			X	1.3	
AR TOTAL												1	1.0	2	2.6	
STRIKE COORDINATION AND RECONNAISSANCE (SCAR)																
SSCAR	3301	SCAR SIM		S	4(2)	(NS)	180	M	R	3202	3201	1	1.0			
SCAR	3302	SCAR		A	2+	(NS)	365	M	R	3301	2102,2402(NS),3203(NS)			X	1.3	
SCAR TOTAL												1	1.0	1	1.3	

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
ACTIVE AIR DEFENSE (AAD)																
AAAD	3021	A/A MISSION PLANNING		L			*									
SAAD	3401	DCA (AREA DEFENSE)		S	4(2)		*		R	2509		X	1.0			3701
AAD	3402	DAY DCA (AREA DEFENSE)		A	2+		*			3401	2102			X	1.3	3702
SAAD	3403	DCA (AREA DEFENSE) W/ EA		S	4(2)	(NS)	180	M	R	3402		X	1.0			3703
AAD	3404	NIGHT DCA (AREA DEFENSE) W/ EA		A	4	NS	180	M	R	3403	2102,2402,3402			X	1.3	3704
SAAD	3405	AREA DEFENSE W/ EA (FT)		S	4(2)	(NS)	180	M	R	3403		X	1.0			
AAD TOTAL												3	3.0	2	2.6	
SUPRESSION OF ENEMY AIR DEFENSES (SEAD)																
ASEAD	3010	HARM HARDWARE & SOFTWARE		L			*									
ASEAD	3011	HARM MODES OF OPERATIONS		L			*									
ASEAD	3012	HARM TAILORING		L			*									
ASEAD	3013	SEAD PLANNING		L			*									
ASEAD	3014	THREAT IADS		L			*									
ASEAD	3015	GPS WEAPONS: JSOW		L			*									
ASEAD	3016	TALD		L			*									
SSEAD	3501	SLAM-ER/JSOW SIM		S	1+	(NS)	365	M	R			X	1.0			
SSEAD	3502	HARM SIM (PP/TOO)		S	1+	(NS)	365	M	R			X	1.0			
SEAD	3503	SEAD (HARM)		A	1+	(NS)	365	M	R	3502	2102,2402(NS),3502			X	1.3	
SEAD TOTAL												2	2.0	1	1.3	
OFFENSIVE ANTI-AIR WARFARE (OAAW)																
AOAAW	3006	FIGHTER ATTACK MSNS		L			*									
AOAAW	3007	DEFENSIVE COUNTER MEASURES		L			*									
AOAAW	3008	COMMAND & CONTROL		L			*									
AOAAW	3009	THREAT PILOT & TACTICS		L			*									
SOAAW	3601	SWEEP SIM		S	4(2)	(NS)	*			2509		X	1.0			3401
OAAW	3602	SWEEP		A	4	(NS)	365	M	R	3601	2102,2402(NS)			X	1.3	3403
SOAAW	3603	SCREEN / CLOSE ESCORT SIM		S	4(2)	(NS)	180	M	R	2509		X	1.0			3402
OAAW	3604	SCREEN / CLOSE ESCORT		A	2+	(NS)	365	M	R	3603	2102,2402(NS)			X	1.3	3404
OAAW TOTAL												2	2.0	2	2.6	

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
AIR INTERDICTION (AI)																
AAI	3017	A/G EMPLOYMENT		L			*									
AAI	3018	STRIKE MSN PLANNING		L			*									
AAI	3019	LGBS (PAVE III)		L			*									
AAI	3020	GPS WPNS: SLAM-ER		L			*									
SAI	3701	LOW ALT AI		S	4(2)	(NS)	365	M	R	2310,2507	2302,2507	X	1.0			3601
AI	3702	LOW ALT AI		A	2+	(NS)	365	M	R	3701	2102,2304,2306,2402(NS),2507, 2509,3701			X	1.3	3602
SAI	3703	MED ALT AI		S	4(2)	(NS)	180	M	R	2310,2507	2302,2507	X	1.0			3603
AI	3704	DAY MED ALT AI		A	4		365	M	R	3703	2102,2306,2310,2501,2507, 2509,3703			X	1.3	3604
AI	3705	NIGHT MED ALT AI		A	4	NS	180	M	R	3704,8300-8351	2306,2402,3703			X	1.3	3605
AI TOTAL												2	2.0	3	3.9	
EXPEDITIONARY SHORE-BASED OPERATIONS (EXP)																
EXP	3800	REVIEW SHORE OPS		A	1	(NS)	365	M	R	2102	2102,2402~NS			X	0.0	
EXP TOTAL												0	0.0	(1)	0.0	
MISSION SKILLS TOTAL												13	13.0	15	19.5	
CORE PLUS SKILLS (4000 PHASE EVENTS)																
FIELD EXPEDITIONARY / CARRIER LANDING QUALIFICATION (FCLP / CQ)																
SFCLP/ CQ	4101	EP CQ SIM		S	1+		*		R	2102	2101	X	1.0			
FLCP/CQ	4102	DAY FCLP		A	1+		365		R	2102,4101	2102			X	1.0	
FLCP/CQ	4103	NIGHT FCLP		A	1+	N	365	M	R	2102,4102	2102,2402,4102			X	1.0	
FCLP/CQ	4104	DAY CQ		A	1+		365		R	2102,4102	2102,4102			X	1.0	
FCLP/CQ	4105	NIGHT CQ		A	1+	N	365	M	R	2102,4103,4104	2102,2402,4102,4103,4104			X	1.0	
FCLP / CQ TOTAL												1	1.0	4	4.0	
MULTI - SENSOR IMAGERY RECONNAISSANCE (MIR)																
AMIR	4001	TAC RECCE EMPLOYMENT		L			*									
MIR	4201	NTISR (THEATER DEP)		A	1+	(NS)	365	M	R	3201	2102,2402(NS)			X	1.3	4202
MIR TOTAL												0	0.0	1	1.3	
AERIAL ESCORT (AESC)																
AAESC	4002	CONVOY ESCORT		L			*									
AAESC	4003	ASSAULT SUPPORT ESCORT		L			*									
AAESC	4004	SUPPORTED UNIT CAPES		L			*									
SAESC	4301	CONVOY ESCORT		S	2	(NS)	540	M	R	3203		X	1.0			
AESC	4302	ASSAULT SPT ESCORT /RESCORT		A	2	(NS)	540	M	R	3203	2102,2402(NS)			X	1.3	
AESC	4303	FAC(A) ESCORT		A	1	(NS)	*			2102	2102,2402(NS)			X	1.3	4812
AESC TOTAL												1	1.0	2	2.6	

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
ATTACK ENEMY MARITIME TARGETS (AMT)																
SAMT	4401	MINE LAYING OPS SIM		S	1+	(NS)	*					X	1.0			
SAMT	4402	SLAM-ER/HARPOON		S/A	2	(NS)	365	M	R			X	1.0			
AMT	4403	SEA SURFACE CONTROL (SSC)		A	2	(NS)	365	M	R	3203	2102,3202,2402(NS),3203(NS)			X	1.3	
AMT	4404	WAR AT SEA EXERCISE (WASEX)		A	2	(NS)	365	M	R	3704,3705(NS)	2102,3704,2402(NS),3705(NS), 4403			X	1.3	
AMT TOTAL												2	2.0	2	2.6	
ACTIVE AIR DEFENSE (AAD)																
AAAD	4005	ROTARY WING THREAT		L			*									
AAD	4501	AREA DEFENSE W/ EA (FT)		A	4	(NS)	365	M	R	3405	2102,2402(NS),3403,3404(NS) 3405			X	1.3	
AAD	4502	HELO/PROP ATTACKS		A	1+	(NS)	365	M	R	2508	2102,2402(NS)			X	1.3	4501
AAD TOTAL												0	0.0	2	2.6	
LARGE FORCE EXERCISE (LFE)																
LFE	4601	DAY LFE		A	6+		365		R	2000 PHASE COMPLETE	2102			X	1.3	
LFE	4602	NIGHT LFE		A	6+	NS	365	M	R	2000 PHASE COMPLETE	2102,2402,4601			X	1.3	
LFE TOTAL												0	0.0	2	2.6	
NIGHT SYSTEMS LOW ALTITUDE TACTICS (NSLAT)																
SNSLAT	4701	SGL LAT W/CHASE SIM	NSLATI	S	1+	NS	*			2306,2405,2603	2601	X	1.0			
NSLAT	4702	SGL LAT W/CHASE	NSLATI	A	2	NS	*			4701	2102,2402			X	1.3	
NSLAT	4703	SEC LAT LOW LEVEL/ TGT ATTK	NSLATI	A	2	NS	365	M	R	4702	2102,2402,2603			X	1.3	
NSLAT TOTAL												X	1.0	2	2.6	
FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]																
AFAC(A)	3022	JCAS-JFAC(A) OVERVIEW		L			*									
AFAC(A)	3023	JOINT COMMAND&CONTROL		L			*									
AFAC(A)	3024	FIRE SPT COORDINATION		L			*									
AFAC(A)	3025	JTAC EQUIPMENT		L			*									
AFAC(A)	3026	INTRO TO AVIATION ORD		L			*									
AFAC(A)	3027	A/C / SENSOR CAPABILITIES		L			*									
AFAC(A)	3028	INTRO TO IDF ASSETS		L			*									
AFAC(A)	3029	CALL FOR FIRE		L			*									
AFAC(A)	3030	FAC(A) PLANNING & PREP		L			*									
AFAC(A)	3031	JOINT TACTICAL AIRSTRIKE		L			*									
AFAC(A)	3032	CONTROLLING CAS AS A FAC(A)		L			*									
AFAC(A)	3033	INTRO TO FW CAS TACTICS		L			*									
AFAC(A)	3034	ATTACK HELO EMPLOYMENT		L			*									
AFAC(A)	3035	FAC(A) NIGHT CONSIDERATIONS		L			*									
AFAC(A)	3036	URBAN FAC(A) CONSIDERATIONS		L			*									
AFAC(A)	3037	SEAD/EW INTEGRATION		L			*									

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
AFAC(A)	3038	FRATRICIDE LESSONS LEARNED		L			*									
AFAC(A)	3039	TLE COMM & STANDARDIZATION		L			*									
AFAC(A)	3040	MACCS PART I		L			*									
AFAC(A)	3041	MACCS PART II		L			*									
AFAC(A)	3042	TARGETING & FIRE SPT PLANNING		L			*									
AFAC(A)	3043	GENERAL EMPLOYMENT OF FAC(A), TAC(A), SCAR		L			*									
AFAC(A)	3044	FA-18 FAC(A) EMPLOYMENT		L			*									
AFAC(A)	3045	FA-18 FAC(A) & TAC(A) TCC & CRM		L			*									
SFAC(A)	4801	FW (PGM) LOW/MED THREAT SIM	FAC(A)I	S	2+		540		R	6319		X	1.5			
SFAC(A)	4802	FW (GP) LOW/MED THREAT	FAC(A)I	S	2+		180	M	R	4801		X	1.5			
FAC(A)	4803	FW (GP) LOW THREAT	FAC(A)I	A	2		*			4802	2102,4802			X	1.3	
FAC(A)	4804	FW (GP/PGM) LOW THREAT	FAC(A)I	A	2	(NS)	180	M	R	4803	2102,2402(NS),4801,4802			X	1.3	
FAC(A)	4805	RW CONTROL	FAC(A)I	A	2	(NS)	*			4804	2102,2402(NS)			X	1.3	
FAC(A)	4806	AIRSPOT	FAC(A)I	A/S	1+	(NS)	*			2102	2102,2402(NS)			X	1.3	4807
SFAC(A)	4807	URBAN CAS SIM	FAC(A)I	S	2+	(NS)	365	M	R	4805		X	1.0			4806
FAC(A)	4808	NIGHT LOW/MED THREAT	FAC(A)I	A	2	NS	180	M	R	4804	2102,2402			X	1.3	
SFAC(A)	4809	ADVERSE WX HIGH THEAT SIM	FAC(A)I	S	2+		540	M	R	4808		X	1.0			4813
SFAC(A)	4810	MULTI-ELEMENT INTEGRATION	FAC(A)I	S	2+	NS	180	M	R	4809	2102,2402	X	1.5			4809
FAC(A)	4811	2 ELEMENT INTEGRATION	FAC(A)I	A	2	(NS)	*			4810	2102,2402(NS),4808			X	1.3	4810
FAC(A)	4812	3 ELEMENT INTEGRATION (FAC(A) QUAL)	FAC(A)I	A	2	(NS)	365	M	R	4811	2102,2402(NS),4810			X	1.3	4811
FAC(A)	4814	UAS/UCAV INTEGRATION	FAC(A)I	A	2	(NS)	*			4812	2102,2402(NS)			X	1.3	
FAC(A)	4815	NSFS AIRSPOT	FAC(A)I	A/S	2	(NS)	*			4812	2102,2402(NS)			X	1.3	
FAC(A)	4816	AC-130/HARVEST HAWK INTEGRATION	FAC(A)I	A/S	2	(NS)	*			4812	2102,2402(NS)			X	1.3	
FAC(A) TOTAL												5	6.5	10	13.0	
CORE PLUS SKILLS TOTAL												11	12.5	25	31.3	
INSTRUCTOR / STANDARDIZATION TRAINING (5000 PHASE EVENTS)																
LOW ALTITUDE TACTICS INSTRUCTOR (LATI)																
SLATI	5101	IAW MAWTS-1 LATI PROGRAM GUIDE	LATI	S	2		*			2603	2302,2601	X	1.0			
LATI	5102		LATI	A	2		*			5101	2102,2603,2304,2306			X	1.3	
LATI	5103		LATI	A	2		*			5102	2102,2603,2304,2306			X	1.3	
LATI	5104		LATI WTI	A	2		*		R	5103	2102,2603,2304,2306			X	1.3	
LATI TOTAL												1	1.0	3	3.9	
NIGHT SYSTEMS LOW ALTITUDE TACTICS INSTRUCTOR (NSLATI)																
ANSLAT	4006	NIGHT LAT CONSIDERATIONS		L			*									

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
SNSLATI	5201	IAW MAWTS-1 NSLATI PROGRAM GUIDE	NSLATI	S	2	NS	*			4703,5104	2302,2601,4701	X	1.0			
NSLATI	5202		NSLATI	A	2	NS	*			5201	2102,2304,2306,2402,2603, 4703			X	1.3	
SNSLATI	5203		MAWTS-1	S	2	NS	*			5202	2302,2601,4701	X	1.0			5201
NSLATI	5204		MAWTS-1	A	2	NS	*		R	5203	2102,2304,2306,2402,2603, 4703			X	1.3	5202
NSLATI TOTAL												2	2.0	2	2.6	
FORWARD AIR CONTROLLER (AIRBORNE) INSTRUCTOR [FAC(A)I]																
FAC(A)I	5301	IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	MAWTS-1	S	2	(NS)	*				4802,4809,4810	X	1.5			
FAC(A)I	5302		MAWTS-1	A	2	(NS)	*			4812	2102,2402(NS),4802,4804,4808, 4810(NS),4811			X	1.3	5301
FAC(A)I	5303		MAWTS-1	A	2	(NS)	*			4812	2102,2402(NS),3102,3202,3203, (NS),4802,4804,4808(NS), 4810(NS),4812			X	1.3	5302
FAC(A)I	5304		MAWTS-1	A	2	NS	*		R	4812	2102,2402,3102,3202,3203,4802 4804,4808,4810,4812			X	1.3	5303
FAC(A)I TOTAL												1	1.5	3	3.9	
FIGHTER ATTACK INSTRUCTOR (FAI)																
SFAI	5401	IAW MAWTS-1 FAI PROGRAM GUIDE		S	2		*			6319	3102	X	1.0			
SFAI	5402		MAWTS-1	S	2		*		R	5401	3102	X	1.0			
LFAI	5403		MAWTS-1	L			*			6319						
FAI	5404			A	2		*			6319	2102,2503			X	1.1	
FAI	5405			A	2		*			5404	2102,2503			X	1.1	
FAI	5406		MAWTS-1	A	2		*			5403,5405	2102,2503			X	1.1	
FAI	5407			A	2		*			6319	2102,2503,2508			X	1.2	
FAI	5408			A	2		*			5407	2102,2503,2508			X	1.2	
FAI	5409		MAWTS-1	A	2		*		R	5403,5405,5408	2102,2503,2508			X	1.2	
SFAI	5410			S	2		*			6319		X	1.0			
SFAI	5411		MAWTS-1	S	2		*		R	5409		X	1.0			
FAI TOTAL												4	4.0	6	6.9	
FLIGHT LEADERSHIP STANDARDIZATION EVALUATOR (FLSE)																
LFLSE	5601	A/A Briefing Lab	FLSE	L			*		R							
LFLSE	5602	CAS Briefing Lab	FLSE	L			*		R							
FLSE TOTAL												0	0.0	0	0.0	
NIGHT SYSTEMS INSTRUCTOR (NSI)																
SNSI	5701	IAW MAWTS-1 NSI PROGRAM GUIDE		S	2	NS	*			6319	2305	X	1.0			
NSI	5702			A	2	NS	*			5701	2102,2402			X	1.3	
LNSI	5703		MAWTS-1	L			*		R	6319						
SNSI	5704		MAWTS-1	S	2	NS	*			5703	2305	X	1.0	X		
NSI	5705		MAWTS-1	A	2	NS	*		R	5704	2102,2402				1.3	
NSI TOTAL												2	2.0	2	2.6	
INSTRUCTOR / STANDARDIZATION TRAINING TOTAL												10	10.5	16	19.9	
REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS (6000 PHASE EVENTS)																
REQUIRED TRAINING AND/OR PROFICIENCY EVENTS (RQD)																
RQD	6103	SEC LEADER PROF FLT		A	2	(NS)	90	M	R	6319	2102, 2402(NS)					
RQD	6104	DIV LEADER PROF FLT		A	4	(NS)	180	M	R	6407	2102, 2402(NS)					

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
RQD	6105	MSN CMDR PROF FLT		A	8+	(NS)	365	M	R	6503	2102, 2402(NS)					
RQD	6106	A/A JHMCS INTRO		A	1		*			2506	2102			X	1.3	6107
RQD	6107	A/G JHMCS INTRO		A	1		*			2309	2102			X	1.3	6108
RQD	6108	NVCD INTRO		A	1	NS	*			2309,2405	2402			X	1.3	6109
RQD	6109	STRAT TANKER		A	1+	(NS)	545		R	2201	2102,2201,2202(NS),2402(NS)					6110
SRQD	6110	FCF SIM		S	1		1095		R		2101					6111
RQD	6111	STRAT TANKER (KC-135)		A	1+	(NS)	545		R	2201	2102,2201,2202(NS),2402(NS), 6109	X	1.0			
RQD TOTAL												1	1.0	3	3.9	
QUALIFICATION EVENTS (QUAL)																
QUAL	6201	DAY CQ		A	1+		*			4104	2102					
QUAL	6202	NIGHT CQ		A	1+	N	*			4105	2102					
QUAL	6203	LAT QUAL		A	2		*			2603	2102					
QUAL	6204	NSLAT QUAL		A	2	NS	*			4703	2102,2402					
QUAL	6205	LSO QUAL		-			1095			6201,6202,LSO REQ TRNG						
QUAL	6206	FCF QUAL		A	1+		*			6110	2102			X	1.3	
QUAL	6207	FAC(A) QUAL		A	2	(NS)	*			4812	2102,2402(NS)					
QUAL	6209	NS QUAL		A	2	NS	*			2405	2102,2402(NS)					
QUAL	6210	ACM QUAL		A	2		*			2509	2102					
QUAL TOTAL												0	0.0	1	1.3	
DESIGNATION EVENTS: SECTION LEAD (SL)																
SL	6301	FAM/FORM 1V1	DL	A	2		*			2000,3000 PHASE CMPLTE	2102			X	1.3	
SL	6302	POPS AND STRAFE	DL	A	2		*			6301	2102,2304			X	1.3	
SSL	6303	BUDDY LASE/BOMB/LMAV	DL	S	2	NS	*			6301	2309	X	1.5			6306
SL	6304	HIGH/MED/STRAFE (FLSE)	FLSE	A	2	NS	*			6302	2102,2402(NS)			X	1.3	
SSL	6305	GP/PGM AR SIM	DL	S	2+	NS	*			6303,6304	3201	X	1.5			6309
SL	6306	GP/PGM SCAR	DL	A	2+	NS	*			6305	2102,2402(NS),3202,3203(NS) 3301,3203			X	1.3	6310
SSL FLSE	6307	GP/PGM CAS SIM	FLSE	S	2		*			6306	3102	X	1.5			6311
SL	6308	PGM CAS	DL	A	2	NS	*			6307	2102,2402(NS),3102,3104,3106			X	1.3	6314
LSL	6309	OFFENSIVE BFM LAB	DL	L			*			2000,3000 PHASE CMPLTE						
LSL	6310	DEFENSIVE BFM LAB	DL	L			*			2000,3000 PHASE CMPLTE						
SL	6311	PERCH BFM	DL	A	2		*			6301,6309,6310	2102,2501,2502			X	1.3	6318
SL	6312	HA BFM	DL	A	2		*			6311	2102,2503			X	1.3	6317
SSL	6313	2V2 VID SIM	DL	S	2		*			6312		X	1.5			6319
SL FLSE	6314	2V2 VID / TAP-N-CAP	FLSE	A	2		*			6313	2102,2503,2508			X	1.3	6320
SSL	6315	2VX DCA EA (FT)	DL	S	2		*			6314	3403,4501	X	1.5			6322
SL	6316	2VX SWEEP (DTD)	DL	A	2	NS	*			6315	2102,2402(NS),3602			X	1.3	6321
SL	6317	LOW ALT AI GP	DL	A/S	2		*			6304,6313	2102,3701,3702(A)			X	1.3	6323
SSL FLSE	6318	MED ALT AI IAM SIM	FLSE	S	2		*			6313,6317	3703	X	1.5			6325
SL CHECK	6319	MED ALT AI PGM	CO DESIG	A	2	NS	*		R	6301-6318,8630,8660	2102,2402,3703			X	1.3	6326
SL TOTAL												6	9.0	11	14.3	

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
DESIGNATION EVENTS: DIVISION LEAD (DL)																
SDL	6401	OCA (SWEEP) SIM	*	S	4		*			6319		X	1.5			
DL	6402	OCA (SWEEP)	*	A	4		*			6401	2102,3602			X	1.3	
SDL FLSE	6403	DCA (AREA DEF W/EA) SIM	FLSE	S	4(2)		*			6319	3403,4501	X	1.5			
DL	6404	DCA (AREA DEF W/EA) DTD	*	A	4	NS	*			6403	2102,2402(NS),3403,3404,4501			X	1.3	
SDL	6405	LOW ALT AI SIM	*	S/A	4		*			6319	2102,2603(LAT),3701,3702(A)	X	1.5			6407
DL FLSE	6406	MED ALT AI	FLSE	A	4		*			6405	2102,2402,3703,3704			X	1.3	
DL CHECK	6407	MED ALT AI	CO DESIG	A	4	NS	*		R	6406,8640,8641	2102,2402,3703,3704,3705			X	1.3	6408
DL TOTAL												3	4.5	4	5.2	
DESIGNATION EVENTS: MISSION COMMANDER (MC)																
MC	6501	LFE DCA	WTI	A	8+	(NS)	*			6407	2102,2402(NS),3403,3404, 4602(NS)			X	1.3	
MC	6502	LFE DAY AI	WTI	A	8+		*			6407	2102,3703,3704,4601			X	1.3	
MC CHECK	6503	LFE NIGHT AI	CO DESIG	A	8+	NS	*		R	6501,6502,8620	2102,2402,3703,3704,3705,4602			X	1.3	
MC TOTAL												0	0.0	3	3.9	
DESIGNATION EVENTS: WEAPONS SCHOOL GRADUATE INSTRUCTOR (INSTR)																
INSTR	6601	WTI					*									
INSTR	6602	MDTC					*									
INSTR	6603	TOPGUN					*									
INSTR TOTAL												0	0.0	0	0.0	
SPECIFIC WEAPONS DELIVERY PROFICIENCY REQUIREMENTS [SURFACE (SSWD); AERIAL (ASWD)]																
SSWD	6701	M61A1 DAY STRAFE		A	1		180	M	R							
SSWD	6702	MK-76		A	1		90	M	R							
SSWD	6703	BDU-45/MK-83 IN/84 IN		A	1		180				6702					
SSWD	6704	MK-82/83/84		A	1		180	M	R		6702,6703					
SSWD	6705	LGTR		A	1		90		R							
SSWD	6706	GBU-12/16/10/24 INERT		A	1		180		R		6705					
SSWD	6707	GBU-12/16/10/24		A	1		365	M	R		6705,6706					
SSWD	6708	CAPTIVE JDAM		A	1		180									
SSWD	6709	JDAM INERT		A	1		180		R		6708					
SSWD	6710	JDAM		A	1		365	M	R		6708,6709					
SSWD	6711	CATM AGM-65E		A	1		180									
SSWD	6712	AGM-65E		A	1		1095				6711					
SSWD	6713	ROCKETS		A	1		365									
SSWD	6714	ILLUM		A	1		365									
SSWD	6715	CBU		A	1		365									
SSWD	6716	FIRE BOMB		A	1		545									
SSWD	6717	CAPTIVE JSOW		A	1		545									
SSWD	6718	JSOW		A	1		1095				6717					
SSWD	6719	CATM HARM		A	1		180									
SSWD	6720	HARM		A	1		1095				6719					

FA-18A/C STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQ	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
SSWD	6721	CATM SLAM(ER)		A	1		545									
SSWD	6722	SLAM(ER)		A	1		1095				6721					
SSWD	6723	TALD		A	1		1095									
ASWD	6724	CIRCULAR GUN PATTERN		A	2+		730			2509						
ASWD	6725	FWD QTR GUN PATTERN		A	2+		730			6724	6724					
ASWD	6726	AIM-9		A	2+		1095									
ASWD	6727	AIM-7		A	2+		1095									
ASWD	6728	AIM-120		A	2+		1095									
ASWD	6729	BANNER TOW		A	2+		1095									
ASWD	6730	CATM-9		A	1		90									
ASWD	6731	CATM-7		A	1		90									
ASWD	6732	CATM-120		A	1		90									
ASWD	6733	M61A1 NIGHT STRAFE		A	1		15	M	R	6701	6701					
ASWD	6734	A/A LAB					*									
ASWD	6735	DIVE DELIVERY		A	1		15	M	R							
SSWD / ASWD TOTAL												0	0.0	0	0.0	
NATOPS EVALUATION EVENTS (NTPS)																
NTPS	6801	NATOPS OPEN BOOK EXAM					365	M	R							
NTPS	6802	NATOPS CLOSED BOOK EXAM					365	M	R							
NTPS	6803	NATOPS ORAL EXAM					365	M	R							
SNTPS	6101	NATOPS CHECK		S/A	1+		365	M	R	6801,6802,6803	2101, 2102(A)	X	1.0			
INSTRUMENT EVALUATION EVENTS (INST)																
INST	6804	INSTRUMENT EXAM					365	M	R							
INST	6805	INSTRUMENT GND SCHOOL					365	M	R							
SINST	6102	INSTRUMENT CHECK		S/A	1+	(NS)	365	M	R	6804,6805	2102(A)	X	1.0			
NTPS / INST TOTAL												2	2.0	0	0.0	
REQUIREMENTS, QUALIFICATIONS AND DESIGNATIONS TOTAL												12	15.5	22	28.6	
VMFA FA-18 A++/C TOTAL												58	65.0	97	124.0	
AVIATION CAREER PROGRESSION MODEL (ACPM)																
ACPM	8200	CONTROL OF A/C & MISSILES		L			*									
ACPM	8201	MWCS BRIEF		L			*									
ACPM	8202	ACA & AIRSPACE		L			*									
ACPM	8210	AVIATION GROUND SPT		L			*									
ACPM	8230	ACE BATTLE STAFF		L			*									
ACPM	8231	BATTLE COMMAND DISPLAY		L			*									
ACPM	8240	SIX FUNCTIONS OF MARINE AVIATION		L			*									
ACPM	8241	ASR/JTAR INTRO & PRAC APPLICATION		L			*									
ACPM	8242	AVIATION SITE COMMAND		L			*									
ACPM	8250	THEATER AIR GROUND SYS		L			*									

ACPM	8300	AIR DEFENSE		L			*									
ACPM	8310	FORWARD ARMING REFUELING POINT		L			*									
ACPM	8311	USMC TACTICAL FUEL SYS		L			*									
ACPM	8320	JOINT STRUCTURE & JOIN AIR OPERATIONS		L			*									
ACPM	8321-8326	JOINT AIR PLANNING & JOINT TASKING		L			*									
ACPM	8340	INTEGRATING FIRES & AIRSPACE		L			*									
ACPM	8350	PHASING CONTROL ASHORE		L			*									
ACPM	8351	TACRON ORGANIZATIONS & FUNCTIONS		L			*									
ACPM	8630	TACTICAL AIR COMMAND CENTER (TACC)		L			*									
ACPM	8660	JOINT OPS INTRO		L			*									
ACPM	8640	JOINT DATA NETWORK		L			*									
ACPM	8641	MAGTF THEATER & NAT'L ISR EMPLOYMENT		L			*									
ACPM	8620	ESG/CSG INTEGRATION		L			*									

b. FA-18A/C Ordnance and External Support Requirement

STAGE	EVENT	DESCRIPTION	DEVICE	# REQD	CONDITIONS	REFLY	MAINTAIN	REFRESH	ORDNANCE TYPE	ORDNANCE QUANTITY	EXTERNAL SYLLABUS SUPPORT
CORE SKILLS (2000 PHASE EVENTS)											
FAMILIARIZATION (FAM)											
SFAM	2101	EP SIM	S	1	(NS)	90	M	R			
FAM	2102	DAY FAM/1V0/1V1 AWI	A	1+		30	M	R	CATM-9X		AA
AIR - TO - AIR REFUELING (AAR)											
AAR	2201	DAY AAR	A	1+		365		R			AAR: One compatible tactical or strategic tanker.
AAR	2202	NIGHT AAR	A	1+	(NS)	365	M	R			AAR: One compatible tactical or strategic tanker.
AIR - TO - SURFACE (AS)											
SAS	2301	HI/MED/LOW ANGLE DIVE (GP(LOW DRAG)/CBU) SIM	S	1+	(NS)	*					
SAS	2302	MED/LOW ANGLE SGL/SEC POP/DIVE(GP(HIGH DRAG) /ROCKETS/STRAFE) SIM	S	2	(NS)	*		R			
AS	2303	HI/MED ANGLE DIVE (GP)	A	2+	(NS)	180	M	R	Mk-76,Chaff,Flare	12,40,20	RSTD, RKD RNG, STRAFE, LT INERT, EXP

STAGE	EVENT	DESCRIPTION	DEVICE	# REQD	CONDITIONS	REFLY	MAINTAIN	REFRESH	ORDNANCE TYPE	ORDNANCE QUANTITY	EXTERNAL SYLLABUS SUPPORT
AS	2304	MED/LOW ANGLE SGL/SEC POP (GP/STRAFE)	A	2	(NS)	180	M	R	Mk-76,20mm,Chaff,Flare	6,500,40,20	RSTD, RKD RNG, STRAFE, LT INERT, EXP
SAS	2305	SACT SIM	S	2+	(NS)	180	M	R			
AS	2306	SACT FLIGHT	A	2		540	M	R	Chaff,Flare,TCTS Pod	40,20,1	MOA, RSTD, TCTS, EW, EXP, COMPLEX
SAS	2307	TPOD/LGB/LMAV SIM	S	1+	(NS)	*					
SAS	2308	TPOD/JDAM/LJDAM SIM	S	1+	(NS)	*					
SAS	2309	BUDDY LASE/BOMB/LMAV/ LGB/TPOD SIM	S	2+	(NS)	365	M	R			
AS	2310	BUDDY LASE/BOMB/IAM/ TPOD	A	2+	(NS)	*			LGTR,Captive JDAM,Chaff,Flare	2+,1,40,20	RSTD, RKD RNG, TGT, LSR, LT INERT
NIGHT SYSTEMS (NS)											
SNS	2401	FAM SIM	S	2	NS	*					
NS	2402	FAM/FORM/AWI	A	2	NS	180	M	R	CATM-9X	1	AA.
NS	2403	2V2 INTERCEPTS	A	2	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, EXP; Two adversaries, (AIC).
NS	2404	MED ANGLE DIVE/STRAFE/POP	A	2	NS	*		R	Mk-76,20mm,Chaff,Flare	12,250,40,20	RSTD, RKD RNG, WISS, EXP.
NS	2405	SEC PGM/IAM DELIVERIES	A	2	NS	*			LGTR,Chaff,Flare	2,40,20	RSTD, RKD RNG, TGT, LSR, LT INERT,EXP.
AIR - TO - AIR (AA)											
AA	2501	1V1 OFFENSIVE BFM	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
AA	2502	1V1 DEFENSIVE BFM	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
AA	2503	1V1 NEUTRAL BFM (HA/ROLLER)	A	2		90	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
AA	2504	1V1 DISSIMILAR BFM	A	1		365	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP; One (Dissimilar) Adversary.
SAA	2505	RADAR/EA/COMBAT SYS	S	1		*					
SAA	2506	BVR RADAR & SRR (NTD) SIM	S	1		*					
SAA	2507	2V2 BVR (NTD) VID SIM	S	2		*		R			
AA	2508	2V1 OR 2V2 SEM/TAP-N-CAP (DISSIMILAR)	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP, TCTS; Two (Dissimilar) Adversaries.
AA	2509	2V2 BVR (NTD)	A	2		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; AIC, Two (Dissimilar) Adversaries.
LOW ALTITUDE TACTICS (LAT)											
SLAT	2601	LAT SIM	S	1+		*		R			
LAT	2602	SGL SHIP LAT (2/3D, TRXN, TGT ATTACK)	A	2		*			CATM-9X,Chaff,Flare	1,40,20	LAT,EXP
LAT	2603	SEC LAT (TRXN, TGT ATTACK) - CKECK	A	2		365	M	R	CATM-9X,Chaff,Flare	1,40,20	LAT, TGT,EXP

MISSION SKILLS (3000 PHASE EVENTS)											
CLOSE AIR SUPPORT (CAS)											
SCAS	3101	GP CAS SIM	S	2		*					
SCAS	3102	PGM CAS SIM	S	2	(NS)	120	M	R			
CAS	3103	DAY GP CAS	A	2		365	M	R	Mk-82/83,20mm,Chaff,Flare	4,250,40,20	RSTD, TGT, SST, JCAS, TGT-MOVE, TGT-DISP,EXP; JTAC or FAC(A).
CAS	3104	DAY PGM CAS	A	2		180	M	R	GBU-32/38,GBU-12/16,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, SST, EW, JCAS, TGT-DISP, TGT-MOVE, JDAM, EXP.
CAS	3105	URBAN CAS	A	2	(NS)	365	M	R	GBU-32/38 inert,GBU-12/16 inert,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, SST, EW, JCAS, URBN WPNS, TGT-DISP, TGT-MOVE, EXP, JDAM; JTAC or FAC(A).
CAS	3106	NIGHT CAS	A	2	NS	180	M	R	GBU-32/38,GBU-12/16, 20mm,Chaff,Flare	1,1,250,40,20	RSTD, TGT, SST, EW, JCAS, URBN WPNS, TGT-DISP, TGT-MOVE, EXP, JDAM; JTAC or FAC(A).
ARMED RECONNAISSANCE (AR)											
SAR	3201	AR (GP, PGM)	S	2	(NS)	180	M	R			
AR	3202	DAY AR	A	2		365	M	R	Mk-82/83,GBU-12/16, 20mm,Chaff,Flare	2,2,250,40,20	RSTD, TGT, HE, SST, EW, LSR, TGT-DISP, TGT-MOVE, EXP.
AR	3203	NIGHT AR	A	2	NS	180	M	R	LMAV/Captive LMAV/GBU-31/32/38,GBU-10/12/16,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, HE, SST, EW, LSR, TGT-DISP, TGT-MOVE, EXP.
STRIKE COORDINATION AND RECONNAISSANCE (SCAR)											
SSCAR	3301	DAY SCAR	S	4(2)		180	M	R			
SCAR	3302	NIGHT SCAR	A	2+	NS	365	M	R	2.75"/5.0" Rocket Pods,Mk-82/83/84,GBU-12/16/CBU-99,20mm,Chaff,Flare	2/2,250,40,20	RSTD, HE, EW, SST, TGT-DISP, TGT-MOVE, LSR; 1 section AR assets.
ACTIVE AIR DEFENSE (AAD)											
SAAD	3401	DCA (AREA DEFENSE)	S	4(2)		*		R			
AAD	3402	DAY DCA (AREA DEFENSE)	A	2+		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; AIC,Two or more adversaries.
SAAD	3403	DCA (AREA DEFENSE) W/ EA	S	4(2)	(NS)	180	M	R			
AAD	3404	NIGHT DCA (AREA DEFENSE) W/ EA	A	4	NS	180	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,20,40	AA,EXP,MACH 1+,TCTS; Two or more dissimilar adversaries.
SAAD	3405	AREA DEFENSE W/ EA (FT)	S	4(2)	(NS)	180	M	R			

SUPRESSION OF ENEMY AIR DEFENSES (SEAD)											
SSEAD	3501	SLAM-ER/JSOW SIM	S	1+	(NS)	365	M	R			
SSEAD	3502	HARM SIM (PP/TOO)	S	1+	(NS)	365	M	R			
SEAD	3503	SEAD (HARM)	A	1+	(NS)	365	M	R	CATM-88/AGM-88,Chaff,Flare	1,40,20	MOA, TCTS, Hi Fi EW.
OFFENSIVE ANTI-AIR WARFARE (OAAW)											
SOAAW	3601	SWEEP SIM	S	4(2)	(NS)	*					
OAAW	3602	SWEEP	A	4	(NS)	365	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; Two adversaries (dissimilar).
SOAAW	3603	SCREEN / CLOSE ESCORT SIM	S	4(2)	(NS)	180	M	R			
OAAW	3604	SCREEN / CLOSE ESCORT	A	2+	(NS)	365	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	RSTD, TGT, AA, EW, SST, TACTS, TGT-DISP, LSR; One tanker (if AAR required).
AIR INTERDICTION (AI)											
SAI	3701	LOW ALT AI	S	4(2)	(NS)	365	M	R			
AI	3702	LOW ALT AI	A	2+	(NS)	365	M	R	Mk-82/83/84,CATM-9X,CATM-7/120,Chaff,Flare	4,1,1,40,20	TGT, AA, EW, SST, TCTS, TGT-DISP, LSR, EXP; Two adversaries and one tanker (if AAR required).
SAI	3703	MED ALT AI	S	4(2)	(NS)	180	M	R			
AI	3704	DAY MED ALT AI	A	4		365	M	R	GBU-12/16,CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	RSTD, TGT, AA, EW, SST, TCTS, TGT-DISP, LSR, EXP; One tanker (if AAR required).
AI	3705	NIGHT MED ALT AI	A	4	NS	180	M	R	GBU-32/38 live/inert,CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	RSTD, TGT, AA, EW, SST, TACTS, TGT-DISP, LSR, JDAM; Two adversaries and one tanker (if AAR required).
EXPEDITIONARY SHORE-BASED OPERATIONS (EXP)											
EXP	3800	REVIEW SHORE OPS	A	1	(NS)	365	M	R			Shore based landing site away from home station.

CORE PLUS SKILLS (4000 PHASE EVENTS)											
FIELD EXPEDITIONARY / CARRIER LANDING QUALIFICATION (FCLP / CQ)											
SFCLP/CQ	4101	EP CQ SIM	S	1+		*		R			LSO
FCLP/CQ	4102	DAY FCLP	A	1+		365		R			SELF or airfield with FCLP pattern, carrier box, and fresnel lens; LSO
FCLP/CQ	4103	NIGHT FCLP	A	1+	N	365	M	R			SELF or airfield with FCLP pattern, carrier box, and fresnel lens. For CQ, CV-compatible ACLS or ICLS; LSO.
FCLP/CQ	4104	DAY CQ	A	1+		365		R			LSO
FCLP/CQ	4105	NIGHT CQ	A	1+	N	365	M	R			LSO
MULTI - SENSOR IMAGERY RECONNAISSANCE (MIR)											
MIR	4201	NTISR (THEATER DEP)	A	1+	(NS)	365	M	R			MOA, URBN TRG.
AERIAL ESCORT (AESC)											
SAESC	4301	CONVOY ESCORT	S	2	(NS)	540	M	R			
AESC	4302	ASSAULT SUPPORT ESCORT	A	2	(NS)	540	M	R	CATM-9X, BDU-45/MK-83 inert, Chaff, Flare	1,4,40,20	RSTD, LSR, TGT-DISP, TGT-MOVE, EXP, TGT; Minimum 1 Helicopter/Assault support package.
AESC	4303	FAC(A) ESCORT	A	1	(NS)	*			AGM-65E (captive or live),GBU-12/16 or pods 2.75"/5.0" rockets,Chaff,Flare	1/1/2,40,20	MOA, JCAS, EXP; Two or more CAS aircraft. Indirect fire and C3 agencies preferred.
ATTACK ENEMY MARITIME TARGETS (AMT)											
SAMT	4401	MINE LAYING OPS SIM	S	1+	(NS)	*					
SAMT	4402	SLAM-ER/HARPOON	S	2	(NS)	365	M	R			
AMT	4403	SEA SURFACE CONTROL (SSC)	A	2	(NS)	365	M	R			MOA; Controlling naval surface platform.
AMT	4404	WAR AT SEA EXERICISE (WASEX)	A	2	(NS)	365	M	R			MOA; Controlling naval surface platform.
ACTIVE AIR DEFENSE (AAD)											
AAD	4501	AREA DEFENSE W/ EA (FT)	A	4	(NS)	365	M	R	CATM-9X,CATM7/120, Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS, L-16 NETWORK; AIC, Four or more (dissimiliar) adversaries.
AAD	4502	HELO/PROP ATTACKS	A	1+	(NS)	365	M	R	CATM-9X,CATM7/120, Chaff,Flare	1,40,20	AA, EXP, MACH 1+, TCTS; One or more helicopters/prop aircraft.
LARGE FORCE EXERCISE (LFE)											
LFE	4601	DAY LFE	A	6+		365		R			AA, TGT, EXP, MACH 1+, LSR, SST, EW,

											JDAM, TGT-DISP; One tanker (if AAR required), 4 or more adversaries.
LFE	4602	NIGHT LFE	A	6+	NS	365	M	R			AA, TGT, EXP, MACH 1+, LSR, SST, EW, JDAM, TGT-DISP; One tanker (if AAR required), 4 or more adversaries.
NIGHT SYSTEMS LOW ALTITUDE TACTICS (NS LAT)											
SNSLAT	4701	SGL LAT W/CHASE SIM	S	1+	NS	*					
NSLAT	4702	SGL LAT W/CHASE	A	2	NS	*					LAT.
NSLAT	4703	SEC LAT LOW LEVEL/ TGT ATTK	A	2	NS	365	M	R	Mk-76,Chaff,Flare	6,40,20	LAT, EXP, RKD RANGE; Certifed LAT Course.
FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]											
SFAC(A)	4801	FW (PGM) LOW/MED THREAT SIM	S	2+		540		R			
SFAC(A)	4802	FW (GP) LOW/MED THREAT	S	2+		180	M	R			
FAC(A)	4803	FW (GP) LOW THREAT	A	2		*			GBU-12/16,20mm,Chaff,Flare	2,250,40,20	RSTD, JCAS, SST, EXP; One or two FW CAS elements with live, inert or captive PGMs or Laser Guided Weapons and a ground FAC. LSTs are desired to aid in Type 1 control.
FAC(A)	4804	FW (GP/PGM) LOW THREAT	A	2	(NS)	180	M	R	2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	RSTD, JCAS, SST, EXP; One or two FW CAS elements with live or inert GP ordnance and a ground FAC.
FAC(A)	4805	RW CONTROL	A	2	(NS)	*			GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	RSTD, JCAS, SST, EXP; One or two RW CAS elements with live/captive Hellfire and a ground FAC.
FAC(A)	4806	AIRSPOT	A/S	1+	(NS)	*			Chaff,Flare	40,20	JCAS, SST, EXP; IDF asset (mortars or artillery) and a JTAC or FO. IDF asset requires a minimum of 10 HE rds, 2 WP rds, and 8 Illum rds.
SFAC(A)	4807	URBAN	S	2+	(NS)	365	M	R			
FAC(A)	4808	NIGHT LOW/MED THREAT	A	2	NS	180	M	R	GBU-12/16/2.75"/5.0" RP Rocket Pods,LUU-19/LUU-2/2.75" Illum Rocket Pod,Chaff,Flare	2,4/1,40,20	JCAS, SST, EXP; One or two FW CAS elements and a ground FAC.

SFAC(A)	4809	ADVERSE WX HIGH THEAT SIM	S	2+		540	M	R			
SFAC(A)	4810	MULTI-ELEMENT INTEGRATION	S	2+	NS	180	M	R			
FAC(A)	4811	2 ELEMENT INTEGRATION	A	2	(NS)	*			GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	JCAS, EXP; One FW CAS element, one additional fire support asset (RW CAS/UAS CAS/IDF), and a JTAC. If IDF is to be used 10 HE rds, 4 WP rds for marking or suppression required.
FAC(A)	4812	3 ELEMENT INTEGRATION (FAC(A) QUAL)	A	2	(NS)	365	M	R	GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	JCAS, EXP; Minimum of 3 Fire Support assets (FW CAS/RW CAS/UAV CAS/IDFS) and a ground FAC. IDFS asset requires 10 HE rds, 4 WP rds.
FAC(A)	4814	UAS/UCAV INTEGRATION	A	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; UAV/UCAV asset with captive LGWs and a ground FAC or FO.
FAC(A)	4815	NSFS AIRSPOT	A/S	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; Naval Surface Fire Support asset and a ground FAC or FO or NGLO. NSFS asset requires a minimum of 10 HE rds, 2 WP rds, and 8 Illum rds.
FAC(A)	4816	AC-130 CFF/HARVEST HAWK	A/S	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; One AC-130 and a ground FAC.
INSTRUCTOR / STANDARDIZATION TRAINING (5000 PHASE EVENTS)											
LOW ALTITUDE TACTICS INSTRUCTOR (LATI)											
SLATI	5101	IAW MAWTS-1 LATI PROGRAM GUIDE	S	2		*					
LATI	5102		A	2		*					
LATI	5103		A	2		*					
LATI	5104		A	2		*		R			
NIGHT SYSTEMS LOW ALTITUDE TACTICS INSTRUCTOR (NSLATI)											
SNSLATI	5201	IAW MAWTS-1 NSLATI PROGRAM GUIDE	S	2	NS	*					
NSLATI	5202		A	2	NS	*					
SNSLATI	5203		S	2	NS	*					
NSLATI	5204		A	2	NS	*		R			
FORWARD AIR CONTROLLER (AIRBORNE) INSTRUCTOR [FAC(A)I]											
SFAC(A)I	5301	IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	S	2	(NS)	*					
FAC(A)I	5302		A	2	(NS)	*					
FAC(A)I	5303		A	2	(NS)	*					

FAC(A)I	5304		A	2	NS	*		R			
FIGHTER ATTACK INSTRUCTOR (FAI)											
SFAI	5401	IAW MAWTS-1 FAI PROGRAM GUIDE	S	2	(NS)	*					
SFAI	5402		S	2	(NS)	*		R			
LFAI	5403		L			*					
FAI	5404		A	2	(NS)	*					
FAI	5405		A	2	(NS)	*					
FAI	5406		A	2	(NS)	*					
FAI	5407		A	2	(NS)	*					
FAI	5408		A	2	(NS)	*					
FAI	5409		A	2	(NS)	*		R			
SFAI	5410		S	2	(NS)	*					
SFAI	5411		S	2	(NS)	*		R			
FLIGHT LEADERSHIP STANDARDIZATION EVALUATOR (FLSE)											
LFLSE	5601		L			*		R			
LFLSE	5602		L			*		R			
NIGHT SYSTEMS INSTRUCTOR (NSI)											
SNSI	5701	IAW MAWTS-1 NSI PROGRAM GUIDE	S	2	NS	*					
NSI	5702		A	2	NS	*					
LNSI	5703		L			*		R			
SNSI	5704		S	2	NS	*					
NSI	5705		A	2	NS	*		R			
REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS (6000 PHASE EVENTS)											
REQUIRED TRAINING AND/OR PROFICIENCY EVENTS (RQD)											
RQD	6103	SEC LEADER PROF FLT	A	2	(NS)	90	M	R			
RQD	6104	DIV LEADER PROF FLT	A	4	(NS)	180	M	R			
RQD	6105	MSN CMDR PROF FLT	A	8+	(NS)	365	M	R			
RQD	6106	A/A JHMCS INTRO	A	1	(NS)	*					
RQD	6107	A/G JHMCS INTRO	A	1	(NS)	*					
RQD	6108	NVCD INTRO	A	1	NS	*					
RQD	6109	STRAT TANKER	A	1+	(NS)	545		R			
SRQD	6110	FCF SIM	S	1		1095		R			
RQD	6111	STRAT TANKER (KC-135)	A	1+	(NS)	545		R			
QUALIFICATION EVENTS (QUAL)											
QUAL	6201	DAY CQ	A	1+		*					
QUAL	6202	NIGHT CQ	A	1+	N	*					
QUAL	6203	LAT QUAL	A	2		*					
QUAL	6204	NSLAT QUAL	A	2	NS	*					
QUAL	6205	LSO QUAL	-			1095					
QUAL	6206	FCF QUAL	A	1+		*					
QUAL	6207	FAC(A) QUAL	A	2	(NS)	*					
QUAL	6209	NS QUAL	A	2	NS	*					
QUAL	6210	ACM QUAL	A	2		*					
DESIGNATION EVENTS: SECTION LEAD (SL)											
SL	6301	FAM/FORM 1V1	A	2		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP.
SL	6302	POPS AND STRAFE	A	2		*			BDU-48,20mm, Chaff,Flare	6,500,40,20	RSTD, LAT, RKD RNG, LSR, WISS, STRAFE, TGT, LT INERT, EXP.

SSL	6303	BUDDY LASE/BOMB/LMAV	S	2	NS	*					
SL FLSE	6304	HIGH/MED/STRAFE	A	2	NS	*			MK-76,20mm,Chaff,Flare	12,250,40,20	RSTD, RKD RNG, LSR, WISS, TGT, LT INERT, EXP.
SSL	6305	GP/PGM AR SIM	S	2+	NS	*					
SL	6306	GP/PGM SCAR	A	2+	NS	*			GBU-12/16/10,GBU-31/32/38,20mm,Chaff,Flare	2,1,40,20	MOA, RSTD, AA, AAR, TACTS, EW, (URBN TRG), LSR, STRAFE, TGT, HE, (HVY INERT), JDAM, LGB, EXP. 1+ FW/RW sections
SSL FLSE	6307	GP/PGM CAS SIM	S	2		*					
SL	6308	PGM CAS	A	2	NS	*			GBU-12/16,GBU-32/38,20mm,Chaff, Flare	2,1,250,40,20	RSTD, EW, LSR, STRAFE, TGT, HE, (HVY INERT) JDAM, LGB, EXP.
LSL	6309	OFFENSIVE BFM LAB	L			*					
LSL	6310	DEFENSIVE BFM LAB	L			*					
SL	6311	PERCH BFM	A	2		*			CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
SL	6312	HA BFM	A	2		*			CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
SSL	6313	2V2 VID SIM	S	2		*					
SL FLSE	6314	2V2 VID / TAP-N-CAP	A	2		*			CATM-9X,Chaff,Flare	2,1,250,40,20	AA, MACH 1+, EXP.; Two dissimilar adversaries.
SSL	6315	2VX DCA EA (FT)	S	2		*					
SL	6316	2VX SWEEP (DTD)	A	2	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EXP; 3+ dissimilar adversaries, AIC, RTO.
SL	6317	LOW ALT AI GP	A/S	2		*			MK-82/83/84 or MK-76/BDU-48,CATM-9X,CATM-7/120,Chaff,Flare	4/6,1,1,40,20	MOA, RSTD, MTR, LAT, AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
SSL FLSE	6318	MED ALT AI IAM SIM	S	2		*					
SL CHECK	6319	MED ALT AI PGM	A	2	NS	*		R	GBU-12/16 or LGTR,CATM-9X,CATM-7/120,Chaff,Flare	2,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), LGB, EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DESIGNATION EVENTS: DIVISION LEAD (DL)											
SDL	6401	OCA (SWEEP) SIM	S	4		*					
DL	6402	OCA (SWEEP)	A	4		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EW, EXP. Three or more (dissimilar) Adversaries, AIC,

											RTO.
SDL FLSE	6403	DCA (AREA DEF W/EA) SIM	S	4(2)		*					
DL	6404	DCA (AREA DEF W/EA) DTD	A	4	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EW, EXP. 3+ (dissimilar) adversaries, AIC, RTO.
SDL	6405	LOW ALT AI SIM	S/A	4		*					
DL FLSE	6406	MED ALT AI	A	4		*			GBU-10/12/16 or 2 LGTRS CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, LT INERT, HVY INERT, JDAM, LGB, EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DL CHECK	6407	MED ALT AI	A	4	NS	*		R	GBU-12/16 or GBU-32/38,CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, LT INERT, HVY INERT, JDAM, LGB, EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DESIGNATION EVENTS: MISSION COMMANDER (MC)											
MC	6501	LFE DCA	A	8+	(NS)	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, MACH 1+. AIC, four or more (dissimilar) adversaries. Tanker support preferred.
MC	6502	LFE DAY AI	A	8+		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, EW. AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft preferred, one electronic attack aircraft preferred, tanker support preferred.
MC CHECK	6503	LFE NIGHT AI	A	8+	NS	*		R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, EW LGB, TGT-DISP; AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft preferred, one electronic attack aircraft preferred, tanker support preferred.

DESIGNATION EVENTS: WEAPONS SCHOOL GRADUATE INSTRUCTOR (INSTR)											
INSTR	6601	WTI				*					
INSTR	6602	MDTC				*					
INSTR	6603	TOPGUN				*					
SPECIFIC WEAPONS DELIVERY PROFICIENCY REQUIREMENTS [SURFACE (SSWD); AERIAL (ASWD)]											
SSWD	6701	M61A1 DAY STRAFE	A	1		180	M	R	20mm	250	STRAFE
SSWD	6702	MK-76	A	1		90	M	R	Mk-76	1	LT INERT
SSWD	6703	BDU-45/MK-83 IN/84 IN	A	1		180			BDU-45/83 IN/84 IN	1	HVY INERT
SSWD	6704	MK-82/83/84	A	1		180	M	R	Mk-82/83/84	1	Live ordnance range.
SSWD	6705	LGTR	A	1		90		R	LGTR	1	
SSWD	6706	GBU-12/16/10/24 INERT	A	1		180		R	GBU-12/16/10/24 INERT	1	
SSWD	6707	GBU-12/16/10/24	A	1		365	M	R	GBU-10/12/16/24/LGTR	1	Live of inert ordnance range, laser safe range.
SSWD	6708	CAPTIVE JDAM	A	1		180			Captive JDAM	1	
SSWD	6709	JDAM INERT	A	1		180		R	Inert JDAM	1	HVY INERT
SSWD	6710	JDAM	A	1		365	M	R	JDAM	1	Live ordnance range.
SSWD	6711	CATM AGM-65E	A	1		180			Captive AGM-65E	1	LSR
SSWD	6712	AGM-65E	A	1		1095			AGM-65E	1	Live Surface-to-Air missile range that is laser safe.
SSWD	6713	ROCKETS	A	1		365			5",2.75"	4,7	Live or inert range.
SSWD	6714	ILLUM	A	1		365			5",2.75",LUU-2/19	4,7,4	Inert ordnance range.
SSWD	6715	CBU	A	1		365			Rockeye	1	Live CBU range.
SSWD	6716	FIRE BOMB	A	1		545			Mk-77	1	Live ordnance range.
SSWD	6717	CAPTIVE JSOW	A	1		545			Captive JSOW	1	
SSWD	6718	JSOW	A	1		1095			JSOW	1	Live ordnance range.
SSWD	6719	CATM HARM	A	1		180			Captive AGM-88 HARM	1	
SSWD	6720	HARM	A	1		1095			AGM-88 HARM	1	Live Air-to-Surface missile range with a range safety officer; emitter to the range.
SSWD	6721	CATM SLAM(ER)	A	1		545			Captive SLAM(ER)	1	
SSWD	6722	SLAM(ER)	A	1		1095			SLAM(ER)	1	Live Air-to-Surface missile range with a range safety officer.
SSWD	6723	TALD	A	1		1095			TALD, ITALD	1	Inert or live ordnance range.
ASWD	6724	CIRCULAR GUN PATTERN	A	2+		730			20mm	500	One banner/dart tow aircraft; live fire aerial gunnery range
ASWD	6725	FWD QTR GUN PATTERN	A	2+		730			20mm	500	One banner/dart tow aircraft; live fire aerial gunnery range
ASWD	6726	AIM-9	A	2+		1095			AIM-9	1	Missile test range and airspace control agency. Surface search and aerial search radar

											platform, (EP-3, E-2C, etc.) One BQM, AQM, or TALD with IR augmentation package.
ASWD	6727	AIM-7	A	2+		1095			AIM-7	1	Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP-3, E-2C, etc.) One BQM, AQM, or TALD with radar augmentation package.
ASWD	6728	AIM-120	A	2+		1095			AIM-120A/B/C	1	Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP--3, E-2C, etc.). One BQM, AQM, or TALD with radar augmentation package.
ASWD	6729	BANNER TOW	A	2+		1095			Banner	1	
ASWD	6730	CATM-9	A	1		90			CATM-9	1	
ASWD	6731	CATM-7	A	1		90			CATM-7	1	
ASWD	6732	CATM-120	A	1		90			CATM-120	1	
SSWD	6733	M61A1 NIGHT STRAFE	A	1		15	M	R	20mm	250	STRAFE
LASWD	6734	A/A LAB	L			*					
SSWD	6735	DIVE DELIVERY	A	1	(NS)	15	M	R			
NATOPS AND INSTRUMENT EVALUATION ACADEMIC EVENTS (NTPS / INST)											
NTPS	6801	NATOPS OPEN BOOK EXAM				365	M	R			
NTPS	6802	NATOPS CLOSED BOOK EXAM				365	M	R			
NTPS	6803	NATOPS ORAL EXAM				365	M	R			
SNTPS	6101	NATOPS CHECK	S/A	1+		365	M	R			
INST	6804	INSTRUMENT EXAM				365	M	R			
INST	6805	INSTRUMENT GND SCHOOL				365	M	R			CNO approved Instrument Ground School.
SINST	6102	INSTRUMENT CHECK	S/A	1+	(NS)	365	M	R			

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
JMPS MISSION PLANNING	AFAM	2001	*	FAM	2001	FAM		FAM			
PERFORMANCE ENHANCEMENT	AFAM	2002	*		2002						
EP SIM	SFAM	S2101R	*90*		S2101R		S2101R		S2101R		
DAY FAM/1V0/1V1 AWI	FAM	2102R	*30*		2102R		2102R		2102R	2101	
DAY AAR	AAR	2201R	*365*	AAR	2201R	AAR	2201R	AAR		2102	2102
NIGHT AAR	AAR	2202R	*365*		2202R		2202R		2202R	2201	2102,2201,2402~NS
S/A COUNTERTACTICS	AAS	2003	*	AS	2003	AS		AS			
EW SUITE	AAS	2004	*		2004						
NON-RF SAMS & AAA	AAS	2005	*		2005						
RF SAMS	AAS	2006	*		2006						
SAM MISCONCEPTIONS BY KURT WALDRON	AAS	2007	*		2007						
BOMBS, FINS, & FUZES	AAS	2008	*		2008						
WASP, PT I	AAS	2009	*		2009						
WASP, PT II	AAS	2010	*		2010						
A/G GUNNERY	AAS	2011	*		2011						
TARGETING PODS (LITENING/ATFLIR)	AAS	2012	*		2012						
LASER GUIDED BOMBS (PAVEWAY II/DMLGB)	AAS	2013	*		2013						
MAVERICK EMPLOYMENT	AAS	2014	*		2014						
CLUSTER MUNITIONS	AAS	2015	*		2015						
GPS WEAPONS: GPS THEORY	AAS	2016	*		2016						
GPS WEAPONS: JDAM/LJDAM	AAS	2017	*		2017						
HI/MED/LOW ANGLE	SAS	S2301	*		S2301						
MED/LOW	SAS	S2302R	*		S2302R		S2302R			2301	
HI/MED ANGLE DIVE (GP)	AS	2303R	*180*		2303R		2303R		2303R	2102,2301	2102,2402~NS
MED/LOW ANGLE SGL/SEC	AS	2304R	*180*		2304R		2304R		2304R	2302	2102,2402~NS
SACT SIM	SAS	S2305R	*180*		S2305R		S2305R		S2305R	2301	
SACT FLIGHT	AS	2306R	*540*		2306R		2306R		2306R	2305	2102,2305
TPOD/LGB/LMAV SIM	SAS	S2307	*		S2307						
TPOD/JDAM/LJDAM SIM	SAS	S2308	*		S2308					2307	
BUDDY LASE/BUDDY	SAS	S2309R	*365*		S2309R		S2309R		S2309R	2307	
BUDDY LASE/BUDDY BOMB/ IAM/	AS	2310	*		2310					2102,2309	2102,2402~NS
NS TACTICAL CONSIDERATIONS	ANS	2018	*	NS	2018	NS		NS			
FAM SIM	SNS	S2401	*		S2401					2102	
FAM/FORM/AWI	NS	2402R	*180*		2402R		2402R		2402R	2102,2401	2102
2V2 INT	NS	2403	*		2403					2402,2507	2102,2402
MED ANGLE DIVE/POP/ STRAFE	NS	2404	*		2404					2303,2304,2402	2102,2304,2402
SEC IAM DELIVERIES	NS	2405	*		2405					2310,2404	2102,2309,2402
COMBAT GUNNERY	AAA	2019	*	AA		AA		AA			
AIM-9	AAA	2020	*								
AIM-120	AAA	2021	*								

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
1V1 AIR COMBAT	AAA	2022	*								
SECTION ENGAGED MANEUVERING	AAA	2023	*								
FA-18 A/A EMPLOYMENT	AAA	2024	*								
RADAR THEORY	AAA	2025	*								
APG-65/73	AAA	2026	*								
COMBAT SYS (MIDS)	AAA	2027	*								
THREAT AIRCRAFT	AAA	2028	*								
THREAT A/A MISSILES	AAA	2029	*								
1V1 OFFENSIVE BFM	AA	2501R	*180*		2501R		2501R		2501R	2102	2102
1V1 DEFENSIVE BFM	AA	2502R	*180*		2502R		2502R		2502R	2501	2102
1V1 NEUTRAL BFM (HA/ROLLER)	AA	2503R	*90*		2503R		2503R		2503R	2502	2102
1V1 DISSIMILAR	AA	2504R	*365*		2504R		2504R		2504R	2503	2102,2503
RADAR/EA/COMBAT SYS	SAA	S2505	*		S2505					2102	
BVR RADAR & SRR (NTD) SIM	SAA	S2506	*		S2506					2505	
2V2 BVR (NTD) VID SIM	SAA	S2507R	*		S2507R		S2507R			2506	
2V1 OR 2V2 SEM/TAP-N-CAP	AA	2508R	*180*		2508R		2508R		2508R	2507	2102
2V2 BVR (NTD)	AA	2509	*							2504, 2507	2102
LAT PART I: PHILOSOPHY & CONCEPTS	ALAT	2030	*		2030						
LAT PART II: RISK ASSESSMENT	ALAT	2031	*		2031						
LAT PART III: BASIC & SECTION MANEUVERING	ALAT	2032	*	LAT	2032	LAT		LAT			
LAT PART IV: ADVANCED MANEUVERING	ALAT	2033	*		2033						
LAT SIM	SLAT	S2601R	*		S2601R		S2601R			2304, 2306	2302
SGL SHIP LAT (2/3D,TRXN, TGT	LAT	2602	*		2602					2601	2102,2304,2306
SEC LAT (TRXN, TGT ATTACK)	LAT	2603R	*365*		2603R		2603R		2603R	2602	2102,2302,2304,2306
FIRE SUPPORT COORD MEASURES	ACAS	3001	*		3001						
JOINT CAS DOCTRINE	ACAS	3002	*		3002						
CAS	ACAS	3003	*		3003						
URBAN CAS	ACAS	3004	*		3004						
DCS/AMF	ACAS	3005	*		3005						
GP CAS SIM	SCAS	S3101	*	CAS	S3101	CAS		CAS		2304	
PGM CAS SIM	SCAS	S3102R	*120*		S3102R		S3102R		S3102R	3101,2310	
DAY GP CAS	CAS	3103R	*365*		3103R		3103R		3103R	3101	3101
DAY PGM CAS	CAS	3104R	*180*		3104R		3104R		3104R	3102	2102,3102
URBAN CAS	CAS	3105R	*365*		3105R		3105R		3105R	3104	2102,2402~NS
NIGHT CAS	CAS	3106R	*180*		3106R		3106R		3106R	3104	2102, 2402
AR / SCAR	AAR	3047	*		3047						
JMEMS	AAR	3048	*		3048						
GPS WPNS: TARGET COORDINATES	AAR	3049	*	AR	3049	AR		AR			
AR (GP, PGM)	SAR	S3201R	*180*		S3201R		S3201R		S3201R	2304,2305,2310	
DAY AR	AR	3202R	*365*		3202R		3202R		3202R	3201	2102, 3201
NIGHT AR	AR	3203R	*180*		3203R		3203R		3203R	3202	2102,3201,2402

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
SCAR SIM	SSCAR	S3301R	*180*	SCAR	S3301R	SCAR	S3301R	SCAR	S3301R	3202	3201
SCAR	SCAR	3302R	*365*		3302R		3302R		3302R	3301	2102,2402~NS,3203~NS
A/A MISSION PLANNING	AAAD	3021	*	AAD		AAD		AAD			
DCA (AREA DEFENSE)	SAAD	S3401R	*		S3401R		S3401R			2509	
DAY DCA (AREA DEFENSE)	AAD	3402	*		3402					3401	2102
DCA (AREA DEFENSE) W/ EA	SAAD	S3403R	*180*		S3403R		S3403R		S3403R	3402	
NIGHT DCA (AREA DEFENSE)	AAD	3404R	*180*		3404R		3404R		3404R	3403	2102,2402,3402
AREA DEFENSE W/ EA (FT)	SAAD	S3405R	*180*		S3405R		S3405R		S3405R	3403	
HARM HARDWARE & SOFTWARE	ASEAD	3010	*	SEAD	3010	SEAD		SEAD			
HARM MODES OF OPERATIONS	ASEAD	3011	*		3011						
HARM TAILORING	ASEAD	3012	*		3012						
SEAD PLANNING	ASEAD	3013	*		3013						
THREAT IADS	ASEAD	3014	*		3014						
GPS WEAPONS: JSOW	ASEAD	3015	*		3015						
TALD	ASEAD	3016	*		3016						
SLAM-ER/JSOW SIM	SSEAD	S3501R	*365*		S3501R		S3501R		S3501R		
HARM SIM (PP/TOO)	SSEAD	S3502R	*365*		S3502R		S3502R		S3502R		
SEAD (HARM)	SEAD	3503R	*365*		3503R		3503R		3503R	3502	2102,2402~NS,3502
FIGHTER ATTACK MSNS	AOAAW	3006	*	OAAW	3006	OAAW		OAAW			
DEFENSIVE COUNTER MEASURES	AOAAW	3007	*		3007						
COMMAND & CONTROL	AOAAW	3008	*		3008						
THREAT PILOT & TACTICS	AOAAW	3009	*		3009						
SWEEP SIM	SOAAW	S3601	*		S3601					2509	
SWEEP	OAAW	3602R	*365*		3602R		3602R		3602R	3601	2102,2402~NS
SCREEN / CLOSE ESCORT SIM	SOAAW	S3603R	*180*		S3603R		S3603R		S3603R	2509	
SCREEN / CLOSE ESCORT	OAAW	3604R	*365*		3604R		3604R		3604R	3603	2102,2402~NS
A/G EMPLOYMENT	AAI	3017	*	AI	3017	AI		AI			
STRIKE MSN PLANNING	AAI	3018	*		3018						
LGBS (PAVE III)	AAI	3019	*		3019						
GPS WPNS: SLAM-ER	AAI	3020	*		3020						
LOW ALT AI	SAI	S3701R	*365*		S3701R		S3701R		S3701R	2310,2507	2302,2507
LOW ALT AI	AI	3702R	*365*		3702R		3702R		3702R	3701	2102,2304,2306,2402~NS,2507,2509,3701
MED ALT AI	SAI	S3703R	*180*		S3703R		S3703R		S3703R	2310,2507	2302,2507
DAY MED ALT AI	AI	3704R	*365*		3704R		3704R		3704R	3703	2102,2306,2310,2501,2507,2509,3703
NIGHT MED ALT AI	AI	3705R	*180*		3705R		3705R		3705R	3704,8300-8351	2306,2402,3703
REVIEW SHORE OPS	EXP	3800R	*365*	EXP	3800R	EXP	3800R	EXP	3800R	2102	2102,2402~NS
EP CQ SIM	SFCLP/CQ	S4101R	*	FLCP/CQ	S4101R	FCLP/CQ	S4101R	FCLP/CQ		2102	2101
DAY FCLP	FCLP/CQ	4102R	*365*		4102R		4102R			2102,4101	2102
NIGHT FCLP	FCLP/CQ	4103R	*365*		4103R		4103R		4103R	2102,4102	2102,2402,4102
DAY CQ	FCLP/CQ	4104R	*365*		4104R		4104R			2102,4102	2102,4102
NIGHT CQ	FCLP/CQ	4105R	*365*		4105R		4105R		4105R	2102,4103,4104	2102,2402,4102,4103,4104
TAC RECCE EMPLOYMENT	AMIR	4001	*	MIR	4001	MIR		MIR			

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
NTISR (THEATER DEP)	MIR	4201R	*365*		4201R		4201R		4201R	3201	2102,2402~NS
CONVOY ESCORT	AAESC	4002	*	AESC	4002	AESC		AESC			
ASSAULT SUPPORT ESCORT	AAESC	4003	*		4003						
SUPPORTED UNIT CAPES	AAESC	4004	*		4004						
CONVOY ESCORT	SAESC	S4301R	*540*		S4301R		S4301R		S4301R	3203	
ASSAULT SPT ESCORT	AESC	4302R	*540*		4302R		4302R		4302R	3203	2102,2402~NS
FAC(A) ESCORT	AESC	4303	*		4303					2102	2102,2402~NS
MINE LAYING OPS SIM	SAMT	S4401	*	AMT	S4401	AMT		AMT			
SLAM-ER/HARPOON	SAMT	S4402R	*365*		S4402R		S4402R		S4402R		
SEA SURFACE CONTROL (SSC)	AMT	4403R	*365*		4403R		4403R		4403R	3203	2102,3202,2402~NS,3203~NS
WAR AT SEA EXERCISE (WASEX)	AMT	4404R	*365*		4404R		4404R		4404R	3704,3705~NS	2102,3704,2402~NS,3705~NS,4403
ROTARY WING THREAT	AAAD	4005	*	AAD	4005	AAD		AAD			
AREA DEFENSE W/ EA (FT)	AAD	4501R	*365*		4501R		4501R		4501R	3405	2102,2402~NS,3403,3404~NS3405
HELO/PROP ATTACKS	AAD	4502R	*365*		4502R		4502R		4502R	2508	2102,2402~NS
DAY LFE	LFE	4601R	*365*	LFE	4601R	LFE	4601R	LFE		2000 PHASE COMP	2102
NIGHT LFE	LFE	4602R	*365*		4602R		4602R		4602R	2000 PHASE COMP	2102,2402,4601
SGL LAT W/CHASE SIM	NSLAT	S4701	*	NSLAT	S4701	NSLAT		NSLAT		2306,2405,2603	2601
SGL LAT W/CHASE	NSLAT	4702	*		4702					4701	2102,2402
SEC LAT LOW LEVEL/ TGT ATTK	NSLAT	4703R	*365*		4703R		4703R		4703R	4702	2102,2402,2603
JCAS-JFAC(A) OVERVIEW	AFAC(A)	3022	*	FAC(A)	3022	FAC(A)		FAC(A)			
JOINT COMMAND&CONTROL	AFAC(A)	3023	*		3023						
FIRE SPT COORDINATION	AFAC(A)	3024	*		3024						
JTAC EQUIPMENT	AFAC(A)	3025	*		3025						
INTRO TO AVIATION ORD	AFAC(A)	3026	*		3026						
A/C / SENSOR CAPABILITIES	AFAC(A)	3027	*		3027						
INTRO TO IDF ASSETS	AFAC(A)	3028	*		3028						
CALL FOR FIRE	AFAC(A)	3029	*		3029						
FAC(A) PLANNING & PREP	AFAC(A)	3030	*		3030						
JOINT TACTICAL AIRSTRIKE	AFAC(A)	3031	*		3031						
CONTROLLING CAS AS A FAC(A)	AFAC(A)	3032	*		3032						
INTRO TO FW CAS TACTICS	AFAC(A)	3033	*		3033						
ATTACK HELO EMPLOYMENT	AFAC(A)	3034	*		3034						
FAC(A) NIGHT CONSIDERATIONS	AFAC(A)	3035	*		3035						
URBAN FAC(A) CONSIDERATIONS	AFAC(A)	3036	*		3036						
SEAD/EW INTEGRATION	AFAC(A)	3037	*		3037						
FRATRICIDE LESSONS LEARNED	AFAC(A)	3038	*		3038						
TLE COMM & STANDARDIZATION	AFAC(A)	3039	*		3039						
MACCS PART I	AFAC(A)	3040	*		3040						
MACCS PART II	AFAC(A)	3041	*		3041						
TARGETING & FIRE SPT PLANNING	AFAC(A)	3042	*		3042						
GENERAL EMPLOYMENT OF	AFAC(A)	3043	*		3043						

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	RE-FLY	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
FAC(A), TAC(A), SCAR											
FA-18 FAC(A) EMPLOYMENT	AFAC(A)	3044	*		3044						
FA-18 FAC(A) & TAC(A) TCC & CRM	AFAC(A)	3045	*		3045						
FW (PGM) LOW/MED THREAT SIM	SFAC(A)	S4801R	*540*		4801R		4801R			6319	
FW (GP) LOW/MED THREAT	SFAC(A)	S4802R	*180*		4802R		4802R		4802R	4801	
FW (GP) LOW THREAT	FAC(A)	4803	*		4803					4802	2102,4802
FW (GP/PGM) LOW THREAT	FAC(A)	4804R	*180*		4804R		4804R		4804R	4803	2102,2402~NS,4801,4802
RW CONTROL	FAC(A)	4805	*		4805					4804	2102,2402~NS
AIRSPOT	FAC(A)	4806	*		4806					2102	2102,2402~NS
URBAN	SFAC(A)	S4807R	*365*		S4807R		S4807R		S4807R	4805	
NIGHT LOW/MED THREAT	FAC(A)	4808R	*180*		4808R		4808R		4808R	4804	2102,2402
ADVERSE WX HIGH THEAT SIM	SFAC(A)	S4809R	*540*		S4809R		S4809R		S4809R	4808	
MULTI-ELEMENT INTEGRATION	SFAC(A)	S4810R	*180*		S4810R		S4810R		S4810R	4809	2102,2402
2 ELEMENT INTEGRATION	FAC(A)	4811	*		4811					4810	2102,2402~NS,4808
3 ELEMENT INTEGRATION (FAC(A) QUAL)	FAC(A)	4812R	*365*		4812R		4812R		4812R	4811	2102,2402~NS,4810
UAS/UCAV INTEGRATION	FAC(A)	4814	*		4814					4812	2102,2402~NS
NSFS AIRSPOT	FAC(A)	4815	*		4815					4812	2102,2402~NS
AC-130/HARVEST HAWK INT	FAC(A)	4816	*		4816					4812	2102,2402~NS
IAW MAWTS-1 LATI PROGRAM GUIDE	SLATI	S5101	*	LATI	S5101	LATI		LATI		2603	2302,2601
	LATI	5102	*		5102					5101	2102,2603,2304,2306
	LATI	5103	*		5103					5102	2102,2603,2304,2306
	LATI	5104R	*		5104R		5104R			5103	2102,2603,2304,2306
NIGHT LAT CONSIDERATIONS	ANSLAT	4006	*	NSLATI	4006	NSLATI		NSLATI			
IAW MAWTS-1 NSLATI PROGRAM GUIDE	SNLATI	S5201	*		S5201					4703,5104	2302,2601,4701
	NSLATI	5202	*		5202					5201	2102,2304,2306,2402,2603, 4703
	SNSLATI	S5203	*		S5203					5202	2302,2601,4701
	NSLATI	5204R	*		5204R		5204R			5203	2102,2304,2306,2402,2603, 4703
IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	SFAC(A)I	S5301	*	FAC(A)I	S5301	FAC(A)I		FAC(A)I			4802,4809,4810
	FAC(A)I	5302	*		5302					4812	2102,2402~NS,4802,4804,4808, 4810~NS,4811
	FAC(A)I	5303	*		5303					4812	2102,2402~NS,3102,3202,3203~NS, 4802,4804,4808~NS,4810~NS,4812
	FAC(A)I	5304R	*		5304R		5304R			4812	2102,2402,3102,3202,3203, 4802,4804,4808,4810,4812
IAW MAWTS-1 FAI PROGRAM GUIDE	SFAI	S5401	*	FAI	S5401	FAI		FAI		6319	3102
	SFAI	S5402R	*		S5402R		S5402R			5401	3102
	LFAI	L5403	*		L5403					6319	
	FAI	5404	*		5404					6319	2102,2503
	FAI	5405	*		5405					5404	2102,2503
	FAI	5406	*		5406					5403,5405	2102,2503
	FAI	5407	*		5407					6319	2102,2503,2508

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
	FAI	5408	*		5408					5407	2102,2503,2508
	FAI	5409	*		5409R		5409R			5403,5405,5408	2102,2503,2508
	SFAI	S5410	*		S5410					6319	
	SFAI	5411R	*		S5411R		S5411R			5409	
A/A Briefing Lab	FLSE	5601R	*	FLSE	5601R	FLSE	5601R	FLSE			
CAS Briefing Lab	FLSE	5602R	*		5602R		5602R				
IAW MAWTS-1 NSI PROGRAM GUIDE	SNSI	S5701	*	NSI	S5701	NSI		NSI		6319	2305
	NSI	5702	*		5702					5701	2102,2402
	LNSI	L5703R	*		L5703R		L5703R			6319	
	SNSI	S5704	*		S5704					5703	2305
	NSI	5705R	*		5705R		5705R			5704	2102,2402
SEC LEADER PROF FLT	RQD	6103R	*90*	RQD	6103R	RQD	6103R	RQD	6103R	6319	2102,2402~NS
DIV LEADER PROF FLT	RQD	6104R	*180*		6104R		6104R		6104R	6407	2102,2402~NS
MSN CMDR PROF FLT	RQD	6105R	*365*		6105R		6105R		6105R	6503	2102,2402~NS
A/A JHMCS INTRO	RQD	6106	*		6106					2506,2509	2102
A/G JHMCS INTRO	RQD	6107	*		6107					2309	2102
NVCD INTRO	RQD	6108	*		6108					2309,2405	2402
STRAT TANKER	RQD	6109R	*545*		6109R		6109R			2201	2102,2201,2202~NS,2402~NS
FCF SIM	SRQD	S6110R	*1095*		S6110R		S6110R				2101
STRAT TANKER (KC-135)	RQD	6111R	*545*		6111R		6111R			2201	2102,2201,2202~NS,2402~NS,6109
DAY CQ	QUAL	S6201	*	QUAL	S6201	QUAL		QUAL		4104	2102
NIGHT CQ	QUAL	S6202	*		S6202					4105	2102
LAT QUAL	QUAL	6203	*		6203					2603	2102
NSLAT QUAL	QUAL	6204	*		6204					4703	2102,2402~NS
LSO QUAL	QUAL	6205	*1095*		6205					6201,6202	
FCF QUAL	QUAL	6206	*		6206					6110	2102
FAC(A) QUAL	QUAL	6207	*		6207					4812	2102,2402~NS
FAM/FORM 1V1	SL	6301	*	SL	6301	SL		SL		2000,3000 PHASE COMP	2102
POPS AND STRAFE	SL	6302	*		6302					6301	2102,2304
BUDDY LASE/BOMB/LMAV	SSL	S6303	*		S6303					6301	2309
HIGH/MED/STRAFE	SL	6304	*		6304					6302	2102,2402~NS)
GP/PGM AR SIM	SSL	S6305	*		S6305					6303,6304	3201
GP/PGM SCAR	SL	6306	*		6306					6305	2102,2402~NS,3202,3203~NS 3301,3203
GP/PGM CAS SIM	SSL	S6307	*		S6307					6306	3102
PGM CAS	SL	6308	*		6308					6307	2102,2402~NS,3102,3104,3106
OFFENSIVE BFM LAB	LSL	L6309	*		L6309					2000,3000 PHASE COMP	
DEFENSIVE BFM LAB	LSL	L6310	*		L6310					2000,3000 PHASE COMP	
PERCH BFM	SL	6311	*		6311					6301,6309,6310	2102,2501,2502
HA BFM	SL	6312	*		6312					6311	2102,2503
2V2 VID SIM	SL	6313	*		6313					6312	

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
2V2 VID / TAP-N-CAP	SL	6314	*		6314					6313	2102,2503,2508
2VX DCA EA (FT)	SSL	S6315	*		S6315					6314	3403,4501
2VX SWEEP (DTD)	SL	6316	*		6316					6315	2102,2402~NS,3602
LOW AI	SL	6317	*		6317					6313,6304	2102,3701,3702(A)
MED AI SIM	SSL	S6318	*		S6318					6313,6317	3703
MED AI PGM	SL CHK	6319R	*		6319R		6319R			6301-6318, 8630,8660	2102,2402,3703
OCA (SWEEP) SIM	SDL	S6401	*		S6401					6319	
OCA (SWEEP)	DL	6402	*		6402					6401	2102,3602
DCA (AREA DEF W/EA) SIM	SDL	S6403	*		S6403					6319	3403,4501
DCA (AREA DEF W/EA) DTD	DL	6404	*	DL	6404	DL		DL		6403	2102,2402~NS,3403,3404,4501
LOW ALT AI SIM	SDL	S6405	*		S6405					6319	2102,3701,3702(A)
MED ALT AI	DL	6406	*		6406					6405	2102,2402,3703,3704
MED ALT AI	DL CHK	6407R	*		6407R		6407R			6406,8640,8641	2102,2402,3703,3704,3705
LFE DCA	MC	6501	*		6501					6407	2102,2402~NS,3403,3404,4602~NS
LFE DAY AI	MC	6502	*	MC	6502	MC		MC		6407	2102,3703,3704,4601
LFE NIGHT AI	MC CHK	6503R	*		6503R		6503R			6501,6502,8620	2102,2402,3703,3704,3705,4602
WTI	INSTR	6601	*		6601						
MDTC	INSTR	6602	*	INSTR	6602	INSTR		INSTR			
TOPGUN	INSTR	6603	*		6603						
M61A1 DAY STRAFE	SSWD	6701R	*180*		6701R		6701R		6701R		
MK-76	SSWD	6702R	*90*		6702R		6702R		6702R		
BDU-45/MK-83 IN/84 IN	SSWD	6703	*180*		6703						6702
MK-82/83/84	SSWD	6704R	*180*		6704R		6704R		6704R		6702,6703
LGTR	SSWD	6705R	*90*		6705R		6705R				
GBU-12/16/10/24 INERT	SSWD	6706R	*180*		6706R		6706R				6705
GBU-12/16/10/24	SSWD	6707R	*365*		6707R		6707R		6707R		6705,6706
CAPTIVE JDAM	SSWD	6708	*180*		6708						
JDAM INERT	SSWD	6709R	*180*		6709R		6709R				6708
JDAM	SSWD	6710R	*365*		6710R		6710R		6710R		6708,6709
CATM AGM-65E	SSWD	6711	*180*	SSWD	6711	SSWD		SSWD			
AGM-65E	SSWD	6712	*1095*		6712						6711
ROCKETS	SSWD	6713	*365*		6713						
ILLUM	SSWD	6714	*365*		6714						
CBU	SSWD	6715	*365*		6715						
FIRE BOMB	SSWD	6716	*545*		6716						
CAPTIVE JSOW	SSWD	6717	*545*		6717						
JSOW	SSWD	6718	*1095*		6718						6717
CATM HARM	SSWD	6719	*180*		6719						
HARM	SSWD	6720	*1095*		6720						6719
CATM SLAM(ER)	SSWD	6721	*545*		6721						
SLAM(ER)	SSWD	6722	*1095*		6722						6721

FA-18A/C ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	BASIC POI		REFRESHER POI		MAINTAIN POI			
				STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
TALD	SSWD	6723	*1095*		6723						
CIRCULAR GUN PATTERN	SSWD	6724	*730*		6724					2509	
FWD QTR GUN PATTERN	SSWD	6725	*730*		6725					6724	6724
AIM-9	SSWD	6726	*1095*		6726						
AIM-7	SSWD	6727	*1095*		6727						
AIM-120	SSWD	6728	*1095*		6728						
BANNER TOW	SSWD	6729	*1095*		6729						
CATM-9	SSWD	6730	*90*		6730						
CATM-7	SSWD	6731	*90*		6731						
CATM-120	SSWD	6732	*90*		6732						
M61A1 NIGHT STRAFE	SSWD	6733R	*15*		6733R		6733R		6733R	6701	6701
A/A LAB	LSSWD	L6734	*		L6734						
DIVE DELIVERY	SSWD	6735R	*15*		6735R		6735R		6735R		
NATOPS OPEN BOOK EXAM	NTPS	6801R	*365*		6801R		6801R		6801R		
NATOPS CLOSED BOOK EXAM	NTPS	6802R	*365*	NTPS	6802R	NTPS	6802R	NTPS	6802R		
NATOPS ORAL EXAM	NTPS	6803R	*365*		6803R		6803R		6803R		
NATOPS CHECK	NTPS	S6101R	*365*		S6101R		S6101R		S6101R	6801,6802,6803	2101,2102(A)
INSTRUMENT EXAM	INST	6804R	*365*		6804R		6804R		6804R		
INSTRUMENT GND SCHOOL	INST	6805R	*365*		6805R		6805R		6805R		
INSTRUMENT EXAM	INST	6804R	*365*	INST	6804R	INST	6804R	INST	6804R		
INSTRUMENT GND SCHOOL	INST	6805R	*365*		6805R		6805R		6805R		
INSTRUMENT CHECK	INST	S6102R	*365*		S6102R		S6102R		S6102R	6804,6805	2102(A)

2. FA-18D

a. FA-18D Syllabus Matrix (FAI* / NSI* - reference individual event descriptions for instructor requirements)

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
CORE SKILLS (2000 PHASE EVENTS)																
FAMILIARIZATION (FAM)																
AFAM	2001	JMPS MISSION PLANNING		L			*									
AFAM	2002	PERFORMANCE ENHANCEMENT		L			*									
SFAM	2101	EP SIM		S	1	(NS)	90	M	R			X	1.0			
FAM	2102	DAY FAM / 1V0 / 1V1 AWI		A	1+		30	M	R	2101				X	1.3	
FAM TOTAL												1	1.0	1	1.3	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
AIR - TO - AIR REFUELING (AAR)																
AAR	2201	DAY AAR		A	1+		365		R	2102	2102			X	1.3	
AAR	2202	NIGHT AAR		A	1+	(NS)	365	M	R	2201	2102,2201,2402(NS)			X	1.3	
AAR TOTAL (PILOT ONLY)												0	0.0	2	2.6	
AIR - TO - SURFACE (AS)																
AAS	2003	S/A COUNTERTACTICS		L			*									
AAS	2004	EW SUITE		L			*									
AAS	2005	NON-RF SAMS & AAA		L			*									
AAS	2006	RF SAMS		L			*									
AAS	2007	SAM MISCONCEPTIONS BY KURT WALDRON		L			*									
AAS	2008	BOMBS, FINS, & FUZES		L			*									
AAS	2009	WASP, PT I		L			*									
AAS	2010	WASP, PT II		L			*									
AAS	2011	A/G GUNNERY		L			*									
AAS	2012	TARGETING PODS (LITENING/ATFLIR)		L			*									
AAS	2013	LASER GUIDED BOMBS (PAVEWAY II/DMLGB)		L			*									
AAS	2014	MAVERICK EMPLOYMENT		L			*									
AAS	2015	CLUSTER MUNITIONS		L			*									
AAS	2016	GPS WEAPONS: GPS THEORY		L			*									
AAS	2017	GPS WEAPONS: JDAM/LJDAM		L			*									
SAS	2301	HI/MED/LOW ANGLE DIVE (GP(LOW DRAG)/CBU) SIM	SL	S	1+	(NS)	*					X	1.5			
SAS	2302	MED/LOW ANGLE SGL/SEC POP/DIVE(GP(HIGH DRAG) /ROCKETS/STRAFE) SIM	SL	S	2	(NS)	*		R	2301		X	1.5			2303
AS	2303	HI/MED ANGLE DIVE (GP)	SL	A	2+	(NS)	180	M	R	2102,2301	2102,2402(NS)			X	1.3	2307
AS	2304	MED/LOW ANGLE SGL/SEC POP (GP/STRAFE)	SL	A	2	(NS)	180	M	R	2302	2102,2402(NS)			X	1.3	2308
SAS	2305	SACT SIM	FAI*	S	2+	(NS)	180	M	R	2301		X	1.0			2301
AS	2306	SACT FLIGHT	SL	A	2		540	M	R	2305	2102,2305			X	1.3	
SAS	2307	TPOD/LGB/LMAV SIM	SL	S	1+	(NS)	*					X	1.0			2302
SAS	2308	TPOD/JDAM/LJDAM SIM	SL	S	1+	(NS)	*			2307		X	1.0			2304
SAS	2309	BUDDY LASE/BOMB/LMAV/ LGB/TPOD SIM	SL	S	2+	(NS)	365	M	R	2307		X	1.5			2305
AS	2310	BUDDY LASE/BOMB/ SECTION IAM FLIGHT	SL	A	2+	(NS)	*			2102,2309	2102,2402(NS)			X	1.3	2313
AS TOTAL												6	7.5	4	5.2	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
										NIGHT SYSTEMS (NS)						
ANS	2018	NS TACTICAL CONSIDERATIONS		L			*									
SNS	2401	FAM SIM	SL	S	2	NS	*			2102		X	1.0			
NS	2402	FAM/FORM/AWI	NSI*	A	2	NS	180	M	R	2102,2401	2102			X	1.3	
NS	2403	2V2 INTERCEPTS	NSI*	A	2	NS	*			2402,2507	2102,2402			X	1.3	
NS	2404	MED ANGLE DIVE/POP/ STRAFE	NSI*	A	2	NS	*			2303,2304,2402	2102,2304,2402			X	1.3	
NS	2405	SEC IAM DELIVERIES	SL	A	2	NS	*			2310,2404	2102,2309,2402			X	1.3	
						NS TOTAL						1	1.0	4	5.2	
										AIR - TO - AIR (AA)						
AAA	2019	COMBAT GUNNERY		L			*									
AAA	2020	AIM-9		L			*									
AAA	2021	AIM-120		L			*									
AAA	2022	1V1 AIR COMBAT		L			*									
AAA	2023	SECTION ENGAGED MANEUVERING		L			*									
AAA	2024	FA-18 A/A EMPLOYMENT		L			*									
AAA	2025	RADAR THEORY		L			*									
AAA	2026	APG-65/73		L			*									
AAA	2027	COMBAT SYS (MIDS)		L			*									
AAA	2028	THREAT AIRCRAFT		L			*									
AAA	2029	THREAT A/A MISSILES		L			*									
AA	2501	1V1 OFFENSIVE BFM	DL	A	2		180	M	R	2102	2102			X	1.3	2502
AA	2502	1V1 DEFENSIVE BFM	DL	A	2		180	M	R	2501	2102			X	1.3	2503
AA	2503	1V1 NEUTRAL BFM (HA/ROLLER)	FAI*	A	2		90	M	R	2502	2102			X	1.3	2504
AA	2504	1V1 DISSIMILAR BFM	DL	A	1		365	M	R	2503	2102, 2503			X	1.3	2505
SAA	2505	RADAR/EA/COMBAT SYS	SL	S	2+		*			2102		X	1.0			2501
SAA	2506	BVR RADAR & SRR (NTD) SIM	SL	S	1		*			2505		X	1.0			2507
SAA	2507	2V2 BVR (NTD) VID SIM	SL	S	2		*		R	2506		X	1.0			2508
AA	2508	2V1 OR 2V2 SEM/TAP-N-CAP (DISSIMILAR)	FAI*	A	2		180	M	R	2507	2102			X	1.3	2506
AA	2509	2V2 BVR (NTD)	DL	A	2		*			2504,2507	2102			X	1.3	2510
						AA TOTAL						3	3.0	6	7.8	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
LOW ALTITUDE TACTICS (LAT)																
ALAT	2030	LAT PART I: PHILOSOPHY & CONCEPTS		L			*									
ALAT	2031	LAT PART II: RISK ASSESSMENT		L			*									
ALAT	2032	LAT PART III: BASIC & SECTION MANEUVERING		L			*									
ALAT	2033	LAT PART IV: ADVANCED MANEUVERING		L			*									
SLAT	2601	LAT SIM	LATI	S	1+		*		R	2304,2306	2302	X	1.0			
LAT	2602	SGL SHIP LAT (2/3D, TRXN, TGT ATTACK)	LATI	A	2		*			2601	2102,2304,2306			X	1.3	
LAT	2603	SEC LAT (TRXN, TGT ATTACK) - CHECK	LATI	A	2		365	M	R	2602	2102,2302,2304,2306			X	1.3	
LAT TOTAL												1	1.0	2	2.6	
CORE SKILLS TOTAL												12	13.5	19	24.7	
MISSION SKILLS (3000 PHASE EVENTS)																
CLOSE AIR SUPPORT (CAS)																
ACAS	3001	FIRE SUPPORT COORD MEASURES		L			*									
ACAS	3002	JOINT CAS DOCTRINE		L			*									
ACAS	3003	CAS		L			*									
ACAS	3004	URBAN CAS		L			*									
ACAS	3005	DCS/AMF		L			*									
SCAS	3101	GP CAS SIM	FAI*	S	2		*			2304		X	1.0			2701
SCAS	3102	PGM CAS SIM		S	2	(NS)	120	M	R	3101,2310		X	1.0			3101
CAS	3103	DAY GP CAS		A	2		365	M	R	3101	2101,3101			X	1.3	2702
CAS	3104	DAY PGM CAS	FAI*	A	2		180	M	R	3102	2102,3102			X	1.3	3102
CAS	3105	URBAN CAS		A	2	(NS)	365	M	R	3104	2102,2402(NS)			X	1.3	3104
CAS	3106	NIGHT CAS		A	2	NS	180	M	R	3104	2102,2402			X	1.3	3103
CAS TOTAL												2	2.0	4	5.2	
ARMED RECONNAISSANCE (AR)																
AAR	3047	AR / SCAR		L			*									
AAR	3048	JMEMS		L			*									
AAR	3049	GPS WPNS: TARGET COORDINATES		L			*									
SAR	3201	AR (GP, PGM)		S	2	(NS)	180	M	R	2304,2305,2310		X	1.0			
AR	3202	DAY AR		A	2		365	M	R	3201	2102,3201			X	1.3	
AR	3203	NIGHT AR		A	2	NS	180	M	R	3202	2102,3201,2402			X	1.3	
AR TOTAL												1	1.0	2	2.6	
STRIKE COORDINATION AND RECONNAISSANCE (SCAR)																
SSCAR	3301	SCAR SIM		S	4(2)		180	M	R	3202	3201	X	1.0			
SCAR	3302	SCAR		A	2+	(NS)	365	M	R	3301	2102,2402(NS),3203(NS)			X	1.3	
SCAR TOTAL												1	1.0	1	1.3	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
ACTIVE AIR DEFENSE (AAD)																
AAAD	3021	A/A MISSION PLANNING		L			*									
SAAD	3401	DCA (AREA DEFENSE)		S	4(2)		*		R	2509		X	1.0			3701
AAD	3402	DAY DCA (AREA DEFENSE)		A	2+		*			3401	2102			X	1.3	3702
SAAD	3403	DCA (AREA DEFENSE) W/ EA		S	4(2)	(NS)	180	M	R	3402		X	1.0			3703
AAD	3404	NIGHT DCA (AREA DEFENSE) W/ EA		A	4	NS	180	M	R	3403	2102,2402,3402			X	1.3	3704
SAAD	3405	AREA DEFENSE W/ EA (FT)		S	4(2)	(NS)	180	M	R	3403		X	1.0			
AAD TOTAL												3	3.0	2	2.6	
SUPRESSION OF ENEMY AIR DEFENSES (SEAD)																
ASEAD	3010	HARM HARDWARE & SOFTWARE		L			*									
ASEAD	3011	HARM MODES OF OPERATIONS		L			*									
ASEAD	3012	HARM TAILORING		L			*									
ASEAD	3013	SEAD PLANNING		L			*									
ASEAD	3014	THREAT IADS		L			*									
ASEAD	3015	GPS WEAPONS: JSOW		L			*									
ASEAD	3016	TALD		L			*									
SSEAD	3501	SLAM-ER/JSOW SIM		S	1+	(NS)	365	M	R			X	1.0			
SSEAD	3502	HARM SIM (PP/TOO)		S	1+	(NS)	365	M	R			X	1.0			
SEAD	3503	SEAD (HARM)		A	1+	(NS)	365	M	R	3502	2102,2402(NS),3502			X	1.3	
SEAD TOTAL												2	2.0	1	1.3	
OFFENSIVE ANTI-AIR WARFARE (OAAW)																
AOAAW	3006	FIGHTER ATTACK MSNS		L			*									
AOAAW	3007	DEFENSIVE COUNTER MEASURES		L			*									
AOAAW	3008	COMMAND & CONTROL		L			*									
AOAAW	3009	THREAT PILOT & TACTICS		L			*									
SOAAW	3601	SWEEP SIM		S	4(2)	(NS)	*			2509		X	1.0			4901
OAAW	3602	SWEEP		A	4	(NS)	365	M	R	3601	2102,2402(NS)			X	1.3	4903
SOAAW	3603	SCREEN / CLOSE ESCORT SIM		S	4(2)	(NS)	180	M	R	2509		X	1.0			
OAAW	3604	SCREEN / CLOSE ESCORT		A	2+	(NS)	365	M	R	3603	2102,2402(NS)			X	1.3	4902
OAAW TOTAL												2	2.0	2	2.6	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
AIR INTERDICTION (AI)																
AAI	3017	A/G EMPLOYMENT		L			*									
AAI	3018	STRIKE MSN PLANNING		L			*									
AAI	3019	LGBS (PAVE III)		L			*									
AAI	3020	GPS WPNS: SLAM-ER		L			*									
SAI	3701	LOW ALT AI		S	4(2)	(NS)	365	M	R	2310,2507	2302,2507	X	1.0			3601
AI	3702	LOW ALT AI		A	2+	(NS)	365	M	R	3701	2102,2304,2306,2402(NS),2507, 2509, 2603(LAT),3701			X	1.3	3602
SAI	3703	MED ALT AI		S	4(2)	(NS)	180	M	R	2310,2507	2302,2507	X	1.0			3603
AI	3704	DAY MED ALT AI		A	4		365	M	R	3703	2102,2306,2310,2501,2507, 2509,3703			X	1.3	3604
AI	3705	NIGHT MED ALT AI		A	4	NS	180	M	R	3704	2306,2402,3703			X	1.3	3605
AI TOTAL												2	2.0	3	3.9	
EXPEDITIONARY SHORE-BASED OPERATIONS (EXP)																
EXP	3800	REVIEW SHORE OPS		A	1	(NS)	365	M	R	2102	2102,2402~NS			X	0.0	
EXP TOTAL												0	0.0	(1)	0.0	
FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]																
AFAC(A)	3022	JCAS-JFAC(A) OVERVIEW		L			*									
AFAC(A)	3023	JOINT COMMAND&CONTROL		L			*									
AFAC(A)	3024	FIRE SPT COORDINATION		L			*									
AFAC(A)	3025	JTAC EQUIPMENT		L			*									
AFAC(A)	3026	INTRO TO AVIATION ORD		L			*									
AFAC(A)	3027	A/C / SENSOR CAPABILITIES		L			*									
AFAC(A)	3028	INTRO TO IDF ASSETS		L			*									
AFAC(A)	3029	CALL FOR FIRE		L			*									
AFAC(A)	3030	FAC(A) PLANNING & PREP		L			*									
AFAC(A)	3031	JOINT TACTICAL AIRSTRIKE		L			*									
AFAC(A)	3032	CONTROLLING CAS AS A FAC(A)		L			*									
AFAC(A)	3033	INTRO TO FW CAS TACTICS		L			*									
AFAC(A)	3034	ATTACK HELO EMPLOYMENT		L			*									
AFAC(A)	3035	FAC(A) NIGHT CONSIDERATIONS		L			*									
AFAC(A)	3036	URBAN FAC(A) CONSIDERATIONS		L			*									
AFAC(A)	3037	SEAD/EW INTEGRATION		L			*									
AFAC(A)	3038	FRATRICIDE LESSONS LEARNED		L			*									
AFAC(A)	3039	TLE COMM & STANDARDIZATION		L			*									
AFAC(A)	3040	MACCS PART I		L			*									

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
AFAC(A)	3041	MACCS PART II		L			*									
AFAC(A)	3042	TARGETING & FIRE SPT PLANNING		L			*									
AFAC(A)	3043	GENERAL EMPLOYMENT OF FAC(A), TAC(A), SCAR		L			*									
AFAC(A)	3044	FA-18 FAC(A) EMPLOYMENT		L			*									
AFAC(A)	3045	FA-18 FAC(A) & TAC(A) TCC & CRM		L			*									
SFAC(A)	3801	FW (PGM) LOW/MED THREAT SIM	FAC(A)I	S	2+		540		R	6319(Pilot),6302-6308(WSO)		X	1.5			
SFAC(A)	3802	FW (GP) LOW/MED THREAT	FAC(A)I	S	2+		180	M	R	3801		X	1.5			
FAC(A)	3803	FW (GP) LOW THREAT	FAC(A)I	A	2		*			3802	2102,3802			X	1.3	
FAC(A)	3804	FW (GP/PGM) LOW THRT	FAC(A)I	A	2	(NS)	180	M	R	3803	2102,2402(NS),3801,3802			X	1.3	
FAC(A)	3805	RW CONTROL	FAC(A)I	A	2	(NS)	*			3804	2102,2402(NS)			X	1.3	
FAC(A)	3806	AIRSPOT	FAC(A)I	A/S	1+	(NS)	*			2102	2102,2402(NS)			X	1.3	3807
SFAC(A)	3807	URBAN	FAC(A)I	S	2+	(NS)	365	M	R	3805		X	1.0			3806
FAC(A)	3808	NIGHT LOW/MED THREAT	FAC(A)I	A	2	NS	180	M	R	3804	2102,2402			X	1.3	
SFAC(A)	3809	ADVERSE WX HIGH THEAT SIM	FAC(A)I	S	2+		540	M	R	3808		X	1.0			3813
SFAC(A)	3810	MULTI-ELEMENT INTEGRATION	FAC(A)I	S	2+	NS	180	M	R	3809	2102,2402	X	1.5			3809
FAC(A)	3811	2 ELEMENT INTEGRATION	FAC(A)I	A	2	(NS)	*			3810	2102,2402(NS),3808			X	1.3	3810
FAC(A)	3812	3 ELEMENT INTEGRATION (FAC(A) QUAL)	FAC(A)I	A	2	NS	365	M	R	3811	2102,2402(NS),3810			X	1.3	3811
							FAC(A) TOTAL					5	6.5	7	9.1	
							TACTICAL AIR COORDINATION (AIRBORNE) (TAC(A))									
ATAC(A)	3046	FA-18D TAC(A) EMPLOYMENT		L			*									
TAC(A)	3901	MULTI-AGENCY TAC(A) QUAL		A	1+	(NS)	540	M	R	3810	2102			X	1.3	3902
							TAC(A) TOTAL					0	0.0	1	1.3	
							MISSION SKILLS TOTAL					18	19.5	23	29.9	
							CORE PLUS SKILLS (4000 PHASE EVENTS)									
							FIELD EXPEDITIONARY / CARRIER LANDING QUALIFICATION (FCLP/CQ)									
SFCLP/CQ	4101	EP CQ SIM		S	1+		*		R	2102	2101	X	1.0			
FLCP/CQ	4102	DAY FCLP		A	1+		365		R	2102,4101	2102			X	1.0	
FLCP/CQ	4103	NIGHT FCLP		A	1+	N	365	M	R	2102,4102	2102,2402,4102			X	1.0	
FCLP/CQ	4104	DAY CQ		A	1+		365		R	2102,4102	2102,4102			X	1.0	
FCLP/CQ	4105	NIGHT CQ		A	1+	N	365	M	R	2102,4103,4104	2102,2402,4102,4103,4104			X	1.0	
							FCLP / CQ TOTAL					1	1.0	4	4.0	
							MULTI - SENSOR IMAGERY RECONNAISSANCE (MIR)									
AMIR	4001	TAC RECCE EMPLOYMENT		L			*									
MIR	4201	NTISR (THEATER DEP)		A	1+	(NS)	*			3201	2102,2402(NS)			X	1.3	4202
MIR	4202	EO/IR/SAR RECCE		A	1+	(NS)	365	M	R	2102	2102,2402(NS),4201			X	1.3	4203

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
MIR TOTAL												1	1.0	2	2.6	
AERIAL ESCORT (AESC)																
AAESC	4002	CONVOY ESCORT		L			*									
AAESC	4003	ASSAULT SUPPORT ESSCORT		L			*									
AAESC	4004	SUPPORTED UNIT CAPES		L			*									
SAESC	4301	CONVOY ESCORT		S	2	(NS)	540	M	R	3203		X	1.0			
AESC	4302	ASSAULT SPT ESCORT /RESCORT		A	2	(NS)	540	M	R	3203	2102,2402(NS)			X	1.3	
AESC	4303	FAC(A) ESCORT		A	1	(NS)	*			2102	2102,2402(NS)			X	1.3	3812
AESC TOTAL												1	1.0	2	2.6	
ATTACK ENEMY MARITIME TARGETS (AMT)																
SAMT	4401	MINE LAYING OPS SIM		S	1+	(NS)	*					X	1.0			
SAMT	4402	SLAM-ER/HARPOON		S	2	(NS)	365	M	R			X	1.0			
AMT	4403	SEA SURFACE CONTROL		A	2	(NS)	365	M	R							
AMT	4404	WAR AT SEA EXERICISE (WASEX)		A	2	(NS)	365	M	R	3704,3705(NS)	2102,3704,2402(NS),3705(NS)			X	1.3	
AMT TOTAL												2	2.0	1	1.3	
ACTIVE AIR DEFENSE (AAD)																
AAAD	4005	ROTARY WING THREAT		L			*									
AAD	4501	AREA DEFENSE W/ EA (FT)		A	4	(NS)	365	M	R	3405	2102,2402(NS),3403,3404(NS) 3405			X	1.3	
AAD	4502	HELO/PROP ATTACKS		A	1+	(NS)	365	M	R	2508	2102,2402(NS)			X	1.3	4501
AAD TOTAL												0	0.0	2	2.6	
LARGE FORCE EXERCISE (LFE)																
LFE	4601	DAY LFE		A	6+		365		R	2000 PHASE COMPLETE	2102			X	1.3	
LFE	4602	NIGHT LFE		A	6+	NS	365	M	R	2000 PHASE COMPLETE	2102,2402,4601			X	1.3	
LFE TOTAL												0	0.0	2	2.6	
NIGHT SYSTEMS LOW ALTITUDE TACTICS (NSLAT)																
SNSLAT	4701	SGL LAT W/CHASE SIM	NSLATI	S	1+	NS	*			2306,2405,2603		X	1.0			
NSLAT	4702	SGL LAT W/CHASE	NSLATI	A	2	NS	*			4701	2102,2402			X	1.3	
NSLAT	4703	SEC LAT LOW LEVEL/ TGT ATTK	NSLATI	A	2	NS	365	M	R	4702	2102,2402,2603			X	1.3	
NS LAT TOTAL												1	1.0	2	2.6	
FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]																
FAC(A)	4813	ADVERSE WX/ELEVATED THREAT		A	2	(NS)	*		R	3812	2102,2402(NS)			X	1.3	
FAC(A)	4814	UAS/UCAV INTEGRATION		A	2	(NS)	*			3812	2102,2402(NS)			X	1.3	
FAC(A)	4815	NSFS AIRSPOT		A/S	2	(NS)	*			3812	2102,2402(NS)			X	1.3	
FAC(A)	4816	AC-130/HARVEST HAWK INTEGRATION		A/S	2	(NS)	*			3812	2102,2402(NS)			X	1.3	
FAC(A) TOTAL												0	0.0	4	5.2	
CORE PLUS SKILLS TOTAL												5	5.0	19	21.2	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
INSTRUCTOR/STANDARDIZATION TRAINING (5000 PHASE EVENTS)																
LOW ALTITUDE TACTICS INSTRUCTOR (LATI)																
SLATI	5101	IAW MAWTS-1 LATI PROGRAM GUIDE	LATI	S	1+		*			2603	2302,2601	X	1.0			
LATI	5102		LATI	A	2		*			5101	2102,2603,2304,2306			X	1.3	
LATI	5103		LATI	A	2		*			5102	2102,2603,2304,2306			X	1.3	
LATI	5104		LATI WTI	A	2		*		R	5103	2102,2603,2304,2306			X	1.3	
LATI TOTAL												1	1.0	3	3.9	
NIGHT SYSTEMS LOW ALTITUDE TACTICS INSTRUCTOR (NSLATI)																
ANSLAT	4006	NIGHT LAT CONSIDERATIONS		L			*									
SNSLATI	5201	IAW MAWTS-1 NSLATI PROGRAM GUIDE	NSLATI	S	2	NS	*			4703,5104	2302,2601,4701	X	1.0			
NSLATI	5202		NSLATI	A	2	NS	*			5201	2102,2304,2306,2402,2603, 4703			X	1.3	
SNSLATI	5203		MAWTS-1	S	2	NS	*			5202	2302,2601,4701	X	1.0			5201
NSLATI	5204		MAWTS-1	A	2	NS	*		R	5203	2102,2304,2306,2402,2603, 4703			X	1.3	5202
NSLATI TOTAL												2	2.0	2	2.6	
FORWARD AIR CONTROLLER (AIRBORNE) INSTRUCTOR [FAC(A)I]																
FAC(A)I	5301	IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	MAWTS-1	S	2	(NS)	*			3812	3802,3809,3810	X	1.5			
FAC(A)I	5302		MAWTS-1	A	2	(NS)	*			3812	2102,2402(NS),3802,3804,3808, 3810(NS),3811			X	1.3	5301
FAC(A)I	5303		MAWTS-1	A	2	(NS)	*			3812	2102,2402(NS),3102,3202,3203, (NS),3802,3804,3808(NS), 3810(NS),3812			X	1.3	5302
FAC(A)I	5304		MAWTS-1	A	2	NS	*		R	3812	2102,2402,3102,3202,3203,3802 3804,3808,3810,3812			X	1.3	5303
FAC(A)I TOTAL												1	1.5	3	3.9	
FIGHTER ATTACK INSTRUCTOR (FAI)																
SFAI	5401	IAW MAWTS-1 FAI PROGRAM GUIDE		S	2		*			6319	3102	X	1.0			
SFAI	5402		MAWTS-1	S	2		*		R	5401	3102	X	1.0			
LFAI	5403		MAWTS-1	L			*			6319						
FAI	5404			A	2		*			6319	2102,2503			X	1.1	
FAI	5405			A	2		*			5404	2102,2503			X	1.1	
FAI	5406		MAWTS-1	A	2		*			5403,5405	2102,2503			X	1.1	
FAI	5407			A	2		*			6319	2102,2503,2508			X	1.2	
FAI	5408			A	2		*			5407	2102,2503,2508			X	1.2	
FAI	5409		MAWTS-1	A	2		*		R	5403,5405,5408	2102,2503,2508			X	1.2	
SFAI	5410			S	2		*			6319		X	1.0			
SFAI	5411		MAWTS-1	S	2		*		R	5409		X	1.0			
FAI TOTAL												4	4.0	6	6.9	
TACTICAL AIR COORDINATION (AIRBORNE) INSTRUCTOR [TAC(A)I]																
TAC(A)I	5501	IAW MAWTS-1 TAC(A)I PROGRAM GUIDE	MAWTS-1	A	2	(NS)	*		R	3901,5304	3901			X	1.3	
TAC(A)I TOTAL												0	0.0	1	1.3	

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
FLIGHT LEADERSHIP STANDARDIZATION EVALUATOR (FLSE)																
LFLSE	5601	A/A Briefing Lab	FLSE	L			*		R							
LFLSE	5602	CAS Briefing Lab	FLSE	L			*		R							
FLSE TOTAL												0	0.0	0	0.0	
NIGHT SYSTEMS INSTRUCTOR (NSI)																
SNSI	5701	IAW MAWTS-1 NSI PROGRAM GUIDE		S	2	NS	*			6319	2305	X	1.0			
NSI	5702			A	2	NS	*			5701	2102,2402			X	1.3	
LNSI	5703		MAWTS-1	L			*		R	6319						
SNSI	5704		MAWTS-1	S	2	NS	*			5703	2305	X	1.0	X		
NSI	5705		MAWTS-1	A	2	NS	*		R	5704	2102,2402				1.3	
NSI TOTAL												2	2.0	2	2.6	
INSTRUCTOR/STANDARDIZATION TRAINING TOTAL												10	10.5	16	21.2	
REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS (6000 PHASE EVENTS)																
REQUIRED TRAINING AND/OR PROFICIENCY EVENTS (RQD)																
RQD	6103	SEC LEADER PROF FLT		A	2	(NS)	90	M	R	6319	2102, 2402(NS)					
RQD	6104	DIV LEADER PROF FLT		A	4	(NS)	180	M	R	6407	2102, 2402(NS)					
RQD	6105	MSN CMDR PROF FLT		A	8+	(NS)	365	M	R	6503	2102, 2402(NS)					
RQD	6106	A/A JHMCS INTRO		A	1		*			2506	2102			X	1.3	6107
RQD	6107	A/G JHMCS INTRO		A	1		*			2309	2102			X	1.3	6108
RQD	6108	NVCD INTRO		A	1	NS	*			2309,2405	2402			X	1.3	6109
RQD	6109	STRAT TANKER		A	1+	(NS)	545		R	2201	2102,2201,2202(NS),2402(NS)					6110
SRQD	6110	FCF SIM		S	1		1095		R		2101					6111
RQD	6111	STRAT TANKER (KC-135)		A	1+	(NS)	545		R	2201	2102,2201,2202(NS),2402(NS), 6110	X	1.0			
RQD TOTAL												1	1.0	3	3.9	
QUALIFICATION EVENTS (QUAL)																
QUAL	6201	DAY CQ		A	1+		*			4104	2102					
QUAL	6202	NIGHT CQ		A	1+	N	*			4105	2102					
QUAL	6203	LAT QUAL		A	2		*			2603	2102					
QUAL	6204	NSLAT QUAL		A	2	NS	*			4703	2102,2402(NS)					
QUAL	6205	LSO QUAL		-			1095			6201,6202						
QUAL	6206	FCF QUAL		A	1+		*			6111	2102			X	1.3	
QUAL	6207	FAC(A) QUAL		A	2	(NS)	*			3812						
QUAL	6208	TAC(A) QUAL		A	2	(NS)	*			3901						
QUAL	6209	NS QUAL		A	2	NS	*			2405	2102,2402					
QUAL	6210	ACM QUAL		A	2		*			2509	2102					
QUAL TOTAL												0	0.0	1	1.3	
DESIGNATION EVENTS: SECTION LEAD (SL)																
SL	6301	FAM/FORM 1V1	DL	A	2		*			2000,3000 EVTS CMPLTE	2102			X	1.3	6301
SL	6302	POPS AND STRAFE	DL	A	2		*			6301	2102,2304			X	1.3	
SSL	6303	BUDDY LASE/BOMB/LMAV	DL	S	2	NS	*			6301	2309	X	1.5			6306
SL FLSE	6304	HIGH/MED/STRAFE	FLSE	A	2	NS	*			6302	2102,2402(NS)			X	1.3	6304
SSL	6305	GP/PGM AR SIM	DL	S	2+	NS	*			6303,6304	3201	X	1.5			6309

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
SL	6306	GP/PGM SCAR	DL	A	2+	NS	*			6305	2102,2402(NS),3202,3203(NS) 3301,3203			X	1.3	6310
SSL FLSE	6307	GP/PGM CAS SIM	FLSE	S	2		*			6306	3102	X	1.5			6311
SL	6308	PGM CAS	DL	A	2	NS	*			6307	2102,2402(NS),3102,3104,3106			X	1.3	6314
SL (LAB)	6309	OFFENSIVE BFM	DL				*			2000,3000 EVTS CMPLTE						
SL (LAB)	6310	DEFENSIVE BFM	DL				*			2000,3000 EVTS CMPLTE						
SL	6311	PERCH BFM	DL	A	2		*			6301	2102,2501,2502			X	1.3	6318
SL	6312	HA BFM	DL	A	2		*			6311	2102,2503			X	1.3	6317
SSL	6313	2V2 VID SIM	DL	A	2		*			6312		X	1.5			6319
SL FLSE	6314	2V2 VID / TAP-N-CAP	FLSE	A	2		*			6313	2102,2503,2504(DISS),2508			X	1.3	6320
SSL	6315	2VX DCA EA (FT)	DL	S	2		*			6314	3403,4501	X	1.5			6322
SL	6316	2VX SWEEP (DTD)	DL	A	2	NS	*			6315	2102,2402(NS),3602			X	1.3	6321
SL	6317	LOW ALT AI (GP)	DL	A/S	2		*			6313	2102,2603(LAT),3701,3702(A)			X	1.3	6323
SSL FLSE	6318	MED ALT AI IAM SIM	FLSE	S	2		*			6313	3703	X	1.5			6325
SL CHECK	6319	MED ALT AI PGM	CO DESIG	A	2	NS	*		R	6301-6318,8630,8660	2102,2402,3703			X	1.3	6326
SL TOTAL												6	9.0	11	14.3	
DESIGNATION EVENTS: DIVISION LEAD (DL)																
SDL	6401	OCA (SWEEP) SIM	*	S	4		*			6319		X	1.5			
DL	6402	OCA (SWEEP)	*	A	4		*			6401	2102,3602			X	1.3	
SDL FLSE	6403	DCA (AREA DEF W/EA) SIM	FLSE	S	4(2)		*			6319	3403,4501	X	1.5			
DL	6404	DCA (AREA DEF W/EA) DTD	*	A	4	NS	*			6403	2102,2402(NS),3403,3404,4501			X	1.3	
SDL	6405	LOW ALT AI SIM	*	S/A	4		*			6319	2102,2603(LAT),3701,3702(A)	X	1.5			6407
DL FLSE	6406	MED ALT AI	FLSE	A	4		*			6405	2102,2402,3703,3704			X	1.3	
DL CHECK	6407	MED ALT AI	CO DESIG	A	4	NS	*		R	6406,8640,8641	2102,2402,3703,3704,3705			X	1.3	6408
DL TOTAL												3	4.5	4	5.2	
DESIGNATION EVENTS: MISSION COMMANDER (MC)																
MC	6501	LFE DCA	WTI	A	8+	(NS)	*			6407	2102,2402(NS),3403,3404, 4602(NS)			X	1.3	
MC	6502	LFE DAY AI	WTI	A	8+		*			6407	2102,3703,3704,4601			X	1.3	
MC CHECK	6503	LFE NIGHT AI	CO DESIG	A	8+	NS	*		R	6501,6502,8620	2102,2402,3703,3704,3705,4602			X	1.3	
MC TOTAL												0	0.0	3	3.9	
DESIGNATION EVENTS: WEAPONS SCHOOL GRADUATE INSTRUCTOR (INSTR)																
INSTR	6601	WTI					*									
INSTR	6602	MDTC					*									
INSTR	6603	TOPGUN					*									
INSTR TOTAL												0	0.0	0	0.0	
SPECIFIC WEAPONS DELIVERY PROFICIENCY REQUIREMENTS [SURFACE (SSWD); AERIAL (ASWD)]																
SSWD	6701	M61A1 DAY STRAFE		A	1		180	M	R							
SSWD	6702	MK-76		A	1		90	M	R							
SSWD	6703	BDU-45/MK-83 IN/84 IN		A	1		180				6702					
SSWD	6704	MK-82/83/84		A	1		180	M	R		6702,6703					

FA-18D STAGE	EVENT	DESCRIPTION	EVALUATOR	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	PREREQUISITE	CHAINING	SIM EVENTS	SIM HOURS	FLT EVENTS	FLT HOURS	EVENT CONVERSION
SSWD	6705	LGTR		A	1		90		R							
SSWD	6706	GBU-12/16/10/24 INERT		A	1		180		R		6705					
SSWD	6707	GBU-12/16/10/24		A	1		365	M	R		6705,6706					
SSWD	6708	CAPTIVE JDAM		A	1		180									
SSWD	6709	JDAM INERT		A	1		180		R		6708					
SSWD	6710	JDAM		A	1		365	M	R		6708,6709					
SSWD	6711	CATM AGM-65E		A	1		180									
SSWD	6712	AGM-65E		A	1		1095				6711					
SSWD	6713	ROCKETS		A	1		365									
SSWD	6714	ILLUM		A	1		365									
SSWD	6715	CBU		A	1		365									
SSWD	6716	FIRE BOMB		A	1		545									
SSWD	6717	CAPTIVE JSOW		A	1		545									
SSWD	6718	JSOW		A	1		1095				6717					
SSWD	6719	CATM HARM		A	1		180									
SSWD	6720	HARM		A	1		1095				6719					
SSWD	6721	CATM SLAM(ER)		A	1		545									
SSWD	6722	SLAM(ER)		A	1		1095				6721					
SSWD	6723	TALD		A	1		1095									
ASWD	6724	CIRCULAR GUN PATTERN		A	2+		730			2509						
ASWD	6725	FWD QTR GUN PATTERN		A	2+		730			6724	6724					
ASWD	6726	AIM-9		A	2+		1095									
ASWD	6727	AIM-7		A	2+		1095									
ASWD	6728	AIM-120		A	2+		1095									
ASWD	6729	BANNER TOW		A	2+		1095									
ASWD	6730	CATM-9		A	1		90									
ASWD	6731	CATM-7		A	1		90									
ASWD	6732	CATM-120		A	1		90									
ASWD	6733	M61A1 NIGHT STRAFE		A	1		15	M	R	6701	6701					
ASWD	6734	A/A LAB					*									
ASWD	6735	DIVE DELIVERY		A	1		15	M	R							
SSWD/ASWD TOTAL												0	0.0	0	0.0	
NATOPS EVALUATION EVENTS (NTPS)																
NTPS	6101	NATOPS CHECK		S/A	1+		365	M	R	6801,6802,6803	2101, 2102(A)	X	1.0			
NTPS	6801	NATOPS OPEN BOOK EXAM					365	M	R							
NTPS	6802	NATOPS CLOSED BOOK EXAM					365	M	R							
NTPS	6803	NATOPS ORAL EXAM					365	M	R							
INSTRUMENT EVALUATION EVENTS (INST)																
INST	6102	INSTRUMENT CHECK		S/A	1+	(NS)	365	M	R	6804,6805	2102(A)	X	1.0			
INST	6804	INSTRUMENT EXAM					365	M	R							
INST	6805	INSTRUMENT GND SCHOOL					365	M	R							
NTPS / INST TOTAL												2	2.0	0	0.0	
REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS TOTAL												12	15.5	22	28.6	
VMFA(AW) FA-18D TOTAL												57	64.0	99	125.6	

AVIATION CAREER PROGRESSION MODEL (ACPM)																
ACPM	8200	CONTROL OF A/C & MISSILES		L			*									
ACPM	8201	MWCS BRIEF		L			*									
ACPM	8202	ACA & AIRSPACE		L			*									
ACPM	8210	AVIATION GROUND SPT		L			*									
ACPM	8230	ACE BATTLE STAFF		L			*									
ACPM	8231	BATTLE COMMAND DISPLAY		L			*									
ACPM	8240	SIX FUNCTIONS OF MARINE AVIATION		L			*									
ACPM	8241	ASR/JTAR INTRO & PRAC APPLICATION		L			*									
ACPM	8242	AVIATION SITE COMMAND		L			*									
ACPM	8250	THEATER AIR GROUND SYS		L			*									
ACPM	8300	AIR DEFENSE		L			*									
ACPM	8310	FORWARD ARMING REFUELING POINT		L			*									
ACPM	8311	USMC TACTICAL FUEL SYS		L			*									
ACPM	8320	JOINT STRUCTURE & JOIN AIR OPERATIONS		L			*									
ACPM	8321-8326	JOINT AIR PLANNING & JOINT TASKING		L			*									
ACPM	8340	INTEGRATING FIRES & AIRSPACE		L			*									
ACPM	8350	PHASING CONTROL ASHORE		L			*									
ACPM	8351	TACRON ORGANIZATIONS & FUNCTIONS		L			*									
ACPM	8630	TACTICAL AIR COMMAND CENTER (TACC)		L			*									
ACPM	8660	JOINT OPS INTRO		L			*									
ACPM	8640	JOINT DATA NETWORK		L			*									
ACPM	8641	MAGTF THEATER & NAT'L ISR EMPLOYMENT		L			*									
ACPM	8620	ESG/CSG INTEGRATION		L			*									

b. FA-18D Ordnance and External Support Requirements

STAGE	EVENT	DESCRIPTION	DEVICE	# REQD	CONDITION	REFLY	MAINTAIN	REFRESH	ORDNANCE TYPE	ORDNANCE QUANTITY	EXTERNAL SYLLABUS SUPPORT
CORE SKILLS (2000 PHASE EVENTS)											
FAMILIARIZATION (FAM)											
SFAM	2101	EP SIM	S	1	(NS)	90	M	R			
FAM	2102	DAY FAM/1V0/1V1 AWI	A	1+		30	M	R	CATM-9X		AA
AIR - TO - AIR REFUELING (AAR)											
AAR	2201	DAY AAR	A	1+		365		R			AAR: One compatible tactical or strategic tanker.
AAR	2202	NIGHT AAR	A	1+	(NS)	365	M	R			AAR: One compatible tactical or strategic tanker.
AIR - TO - SURFACE (AS)											
SAS	2301	HI/MED/LOW ANGLE DIVE (GP(LOW DRAG)/CBU) SIM	S	1+	(NS)	*					
SAS	2302	MED/LOW ANGLE SGL/SEC POP/DIVE(GP(HIGH DRAG) /ROCKETS/STRAFE) SIM	S	2	(NS)	*		R			
AS	2303	HI/MED ANGLE DIVE (GP)	A	2+	(NS)	180	M	R	Mk-76,Chaff,Flare	12,40,20	RSTD, RKD RNG, STRAFE, LT INERT, EXP
AS	2304	MED/LOW ANGLE SGL/SEC POP (GP/STRAFE)	A	2	(NS)	180	M	R	Mk-76,20mm,Chaff,Flare	6,500,40,20	RSTD, RKD RNG, STRAFE, LT INERT, EXP
SAS	2305	SACT SIM	S	2+	(NS)	180	M	R			
AS	2306	SACT FLIGHT	A	2		540	M	R	Chaff,Flare,TCTS Pod	40,20,1	MOA, RSTD, TCTS, EW, EXP, COMPLEX
SAS	2307	TPOD/LGB/LMAV SIM	S	1+	(NS)	*					
SAS	2308	TPOD/JDAM/LJDAM SIM	S	1+	(NS)	*					
SAS	2309	BUDDY LASE/BOMB/LMAV/ LGB/TPOD SIM	S	2+	(NS)	365	M	R			
AS	2310	BUDDY LASE/BOMB/IAM/ TPOD	A	2+	(NS)	*			LGTR,Captive JDAM,Chaff,Flare	2+,1,40,20	RSTD, RKD RNG, TGT, LSR, LT INERT
NIGHT SYSTEMS (NS)											
SNS	2401	FAM SIM	S	2	NS	*					
NS	2402	FAM/FORM/AWI	A	2	NS	180	M	R	CATM-9X	1	MOA.
NS	2403	2V2 INTERCEPTS	A	2	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, EXP; Two adversaries, (AIC).
NS	2404	MED ANGLE DIVE/STRAFE/POP	A	2	NS	*		R	Mk-76,20mm,Chaff,Flare	12,250,40,20	RSTD, RKD RNG, WISS, EXP.
NS	2405	SEC PGM/IAM DELIVERIES	A	2	NS	*			LGTR,Chaff,Flare	2,40,20	RSTD, RKD RNG, TGT, LSR, LT INERT.
AIR - TO - AIR (AA)											
AA	2501	1V1 OFFENSIVE BFM	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
AA	2502	1V1 DEFENSIVE BFM	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
AA	2503	1V1 NEUTRAL BFM (HA/ROLLER)	A	2		90	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP.

AA	2504	1V1 DISSIMILAR BFM	A	1		365	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP; One (Dissimilar) Adversary.
SAA	2505	RADAR/EA/COMBAT SYS	S	2+		*					
SAA	2506	BVR RADAR & SRR (NTD) SIM	S	1		*					
SAA	2507	2V2 BVR (NTD) VID SIM	S	2		*		R			
AA	2508	2V1 OR 2V2 SEM/TAP-N-CAP (DISSIMILAR)	A	2		180	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP, TCTS; Two (Dissimilar) Adversaries.
AA	2509	2V2 BVR (NTD)	A	2		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; AIC, Two (Dissimilar) Adversaries.
LOW ALTITUDE TACTICS (LAT)											
SLAT	2601	LAT SIM	S	1+		*		R			
LAT	2602	SGL SHIP LAT (2/3D, TRXN, TGT ATTACK)	A	2		*			CATM-9X,Chaff,Flare	1,40,20	LAT
LAT	2603	SEC LAT (TRXN, TGT ATTACK) - CKECK	A	2		365	M	R	CATM-9X,Chaff,Flare	1,40,20	LAT, TGT, EXP
MISSION SKILLS (3000 PHASE EVENTS)											
CLOSE AIR SUPPORT (CAS)											
SCAS	3101	GP CAS SIM	S	2		*					
SCAS	3102	PGM CAS SIM	S	2	(NS)	120	M	R			
CAS	3103	DAY GP CAS	A	2		365	M	R	Mk-82/83,20mm,Chaff,Flare	4,250,40,20	RSTD, TGT, SST, JCAS, TGT-MOVE, TGT-DISP; JTAC or FAC(A).
CAS	3104	DAY PGM CAS	A	2		180	M	R	GBU-32/38,GBU-12/16,20mm,Chaff,Flare	4,250,40,20	RSTD, TGT, SST, EW, JCAS, TGT-DISP, TGT-MOVE, JDAM.
CAS	3105	URBAN CAS	A	2	(NS)	365	M	R	GBU-32/38,GBU-12/16,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, SST, EW, JCAS, URBN WPNS, TGT-DISP, TGT-MOVE, EXP, JDAM; JTAC or FAC(A).
CAS	3106	NIGHT CAS	A	2	NS	180	M	R	GBU-32/38 inert,GBU-12/16 inert,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, SST, EW, JCAS, URBN WPNS, TGT-DISP, TGT-MOVE, EXP, JDAM; JTAC or FAC(A).
ARMED RECONNAISSANCE (AR)											
SAR	3201	AR (GP, PGM)	S	2	(NS)	180	M	R			
AR	3202	DAY AR	A	2		365	M	R	Mk-82/83,GBU-12/16,20mm,Chaff,Flare	2,2,250,40,20	RSTD, TGT, HE, SST, EW, LSR, TGT-DISP, TGT-MOVE, EXP.
AR	3203	NIGHT AR	A	2	NS	180	M	R	LMAV/Captive LMAV/GBU-31/32/38,GBU-10/12/16,20mm,Chaff,Flare	1,2,250,40,20	RSTD, TGT, HE, SST, EW, LSR, TGT-DISP, TGT-MOVE, EXP.
STRIKE COORDINATION AND RECONNAISSANCE (SCAR)											
SCAR	3301	DAY SCAR	S	4(2)		180	M	R			
SCAR	3302	NIGHT SCAR	A	2+	NS	365	M	R	2.75"/5.0" Rocket Pods/Mk-82/83/84/GBU-12/16/CBU-	2/2,250,40,20	RSTD, HE, EW, SST, TGT-DISP, TGT-MOVE,

									99,20mm,Chaff,Flare		LSR; 1 section AR assets.
ACTIVE AIR DEFENSE (AAD)											
SAAD	3401	DCA (POINT DEFENSE)	S	4(2)		*		R			
AAD	3402	DAY DCA (AREA DEFENSE)	A	2+		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; Two or more adversaries.
SAAD	3403	DCA (AREA DEFENSE) W/ EA	S	4(2)	(NS)	180	M	R			
AAD	3404	NIGHT DCA (AREA DEFENSE) W/ EA	A	4	NS	180	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA,EXP,MACH 1+,TCTS; Two or more dissimilar adversaries.
SAAD	3405	AREA DEFENSE W/ EA (FT)	S	4(2)	(NS)	180	M	R			
SUPRESSION OF ENEMY AIR DEFENSES (SEAD)											
SSEAD	3501	SLAM-ER/JSOW SIM	S	1+	(NS)	365	M	R			
SSEAD	3502	HARM SIM (PP/TOO)	S	1+	(NS)	365	M	R			
SEAD	3503	SEAD (HARM)	A	1+	(NS)	365	M	R	CATM-88/AGM-88,Chaff,Flare	1,40,20	MOA, TCTS, Hi Fi EW.
OFFENSIVE ANTI-AIR WARFARE (OAAW)											
SOAAW	3601	SWEEP SIM	S	4(2)	(NS)	*					
OAAW	3602	SWEEP	A	4	(NS)	365	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP, MACH 1+, TCTS; Two adversaries (dissimilar).
SOAAW	3603	SCREEN / CLOSE ESCORT SIM	S	4(2)	(NS)	180	M	R			
OAAW	3604	SCREEN / CLOSE ESCORT	A	2+	(NS)	365	M	R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	RSTD, TGT, AA, EW, SST, TACTS, TGT-DISP, LSR; One tanker (if AAR required).
AIR INTERDICTION (AI)											
SAI	3701	LOW ALT AI	S	4(2)	(NS)	365	M	R			
AI	3702	LOW ALT AI	A	2+	(NS)	365	M	R	Mk-82/83/84,CATM-9X,CATM-7/120,Chaff,Flare	4,1,1,40,20	TGT, AA, EW, SST, TCTS, TGT-DISP, LSR; Two adversaries and one tanker (if AAR required).
SAI	3703	MED ALT AI	S	4(2)	(NS)	180	M	R			
AI	3704	DAY MED ALT AI	A	4		365	M	R	GBU-12/16,CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	RSTD, TGT, AA, EW, SST, TCTS, TGT-DISP, LSR, EXP; One tanker (if AAR required).
AI	3705	NIGHT MED ALT AI	A	4	NS	180	M	R	GBU-32/38/inert,CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	RSTD, TGT, AA, EW, SST, TACTS, TGT-DISP, LSR, JDAM; Two adversaries and one tanker (if AAR required).
EXPEDITIONARY OPERATIONS (EXP)											
EXP	3800	REVIEW SHORE OPS	A	1	(NS)	365	M	R			Shore based landing site away from home station.

FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]											
SFAC(A)	3801	FW (PGM) LOW/MED THREAT SIM	S	2+		540		R			
SFAC(A)	3802	FW (GP) LOW/MED THREAT	S	2+		180	M	R			
FAC(A)	3803	FW (GP) LOW THREAT	A	2		*			GBU-12/16,20mm,Chaff,Flare	2,250,40,20	RSTD, JCAS, SST, EXP; One or two FW CAS elements with live, inert or captive PGMs or Laser Guided Weapons and a ground FAC. LSTs are desired to aid in Type 1 control.
FAC(A)	3804	FW (GP/PGM) LOW THREAT	A	2	(NS)	180	M	R	2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	RSTD, JCAS, SST, EXP; One or two FW CAS elements with live or inert GP ordnance and a ground FAC.
FAC(A)	3805	RW CONTROL	A	2	(NS)	*			GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	RSTD, JCAS, SST, EXP; One or two RW CAS elements with live/captive Hellfire and a ground FAC.
FAC(A)	3806	AIRSPOT	A/S	1+	(NS)	*			Chaff,Flare	40,20	JCAS, SST, EXP; IDF asset (mortars or artillery) and a JTAC or FO. IDF asset requires a minimum of 10 HE rds, 2 WP rds, and 8 Illum rds.
SFAC(A)	3807	URBAN	S	2+	(NS)	365	M	R			
FAC(A)	3808	NIGHT LOW/MED THREAT	A	2	NS	180	M	R	GBU-12/16/2.75"/5.0" RP Rocket Pods,LUU-19/LUU-2/2.75" Illum Rocket Pod,Chaff,Flare	2,4/1,40,20	JCAS, SST, EXP; One or two FW CAS elements and a ground FAC.
SFAC(A)	3809	ADVERSE WX HIGH THEAT SIM	S	2+		540	M	R			
SFAC(A)	3810	MULTI-ELEMENT INTEGRATION	S	2+	NS	180	M	R			
FAC(A)	3811	2 ELEMENT INTEGRATION	A	2	(NS)	*			GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	JCAS, EXP; One FW CAS element, one additional fire support asset (RW CAS/UAS CAS/IDF), and a JTAC. If IDF is to be used 10 HE rds, 4 WP rds for marking or suppression required.
FAC(A)	3812	3 ELEMENT INTEGRATION (FAC(A) QUAL)	A	2	(NS)	365	M	R	GBU-12/16/2.75"/5.0" RP Rocket Pods,Chaff,Flare	2,40,20	JCAS, EXP; Minimum of 3 Fire Support

											assets (FW CAS/RW CAS/UAV CAS/IDFS) and a ground FAC. IDFS asset requires 10 HE rds, 4 WP rds.
TACTICAL AIR COORDINATION (AIRBORNE) [TAC(A)]											
TAC(A)	3901	MULTI-AGENCY TAC(A) QUAL	A	1+	(NS)	540	M	R			MOA; JTAC/FAC(A) and two or more CAS elements.
CORE PLUS SKILLS (4000 PHASE EVENTS)											
FIELD EXPEDITIONARY / CARRIER LANDING QUALIFICATION (FCLP / CQ)											
SFCLP/CQ	4101	EP CQ SIM	S	1+		*		R			LSO
FLCP/CQ	4102	DAY FCLP	A	1+		365		R			SELF or airfield with FCLP pattern, carrier box, and fresnel lens; LSO
FLCP/CQ	4103	NIGHT FCLP	A	1+	N	365	M	R			SELF or airfield with FCLP pattern, carrier box, and fresnel lens. For CQ, CV-compatible ACLS or ICLS; LSO.
FCLP/CQ	4104	DAY CQ	A	1+		365		R			LSO
FCLP/CQ	4105	NIGHT CQ	A	1+	N	365	M	R			LSO
MULTI - SENSOR IMAGERY RECONNAISSANCE (MIR)											
MIR	4201	NTISR (THEATER DEP)	A	1+	(NS)	*					MOA, URBN TRG.
MIR	4202	EO/IR/SAR RECCE	A	1+	(NS)	365	M	R			MOA, URBN TRG.
AERIAL ESCORT (AESC)											
SAESC	4301	CONVOY ESCORT	S	2	(NS)	540	M	R			
AESC	4302	ASSAULT SUPPORT ESCORT	A	2	(NS)	540	M	R	CATM-9X,BDU-45/Mk-83 inert,Chaff,Flare	1,4,40,20	RSTD, LSR, TGT-DISP, TGT-MOVE, EXP, TGT; Minimum 1 Helicopter/Assault support package.
AESC	4303	FAC(A) ESCORT	A	1	(NS)	*			AGM-65E (captive or live),GBU-12/16 or pods 2.75"/5.0" rockets,Chaff,Flare	1,1/2,40,20	MOA, JCAS, EXP; Two or more CAS aircraft. Indirect fire and C3 agencies preferred.
ATTACK ENEMY MARITIME TARGETS (AMT)											
SAMT	4401	MINE LAYING OPS SIM	S	1+	(NS)	*					
SAMT	4402	SLAM-ER / HARPOON	S	2	(NS)	365	M	R			
AMT	4403	SEA SURFACE CONTROL (SSC)	A	2	(NS)	365	M	R			MOA; Controlling naval surface platform.
AMT	4404	WAR AT SEA EXERICISE (WASEX)	A	2	(NS)	365	M	R			MOA; Controlling naval surface platform.
ACTIVE AIR DEFENSE (AAD)											
AAD	4501	AREA DEFENSE W/ EA (FT)	A	4	(NS)	365	M	R	CATM-9X,CATM7/120,	1,1,40,20	AA, EXP, MACH 1+,

									Chaff,Flare		TCTS, L-16 NETWORK; AIC, Four or more (dissimiliar) adversaries.
AAD	4502	HELO/PROP ATTACKS	A	1+	(NS)	365	M	R	CATM-9X,Chaff,Flare	1,40,20	AA, EXP, MACH 1+; One or more helicopters/prop aircraft.
LARGE FORCE EXERCISE (LFE)											
LFE	4601	DAY LFE	A	6+		365		R			AA, TGT, EXP, MACH 1+, LSR, SST, EW, JDAM, TGT-DISP; One tanker (if AAR required), 4 or more adversaries.
LFE	4602	NIGHT LFE	A	6+	NS	365	M	R			AA, TGT, EXP, MACH 1+, LSR, SST, EW, JDAM, TGT-DISP; One tanker (if AAR required), 4 or more adversaries.
NIGHT SYSTEMS LOW ALTITUDE TACTICS (NS LAT)											
SNSLAT	4701	SGL LAT W/CHASE SIM	S	1+	NS	*					
NSLAT	4702	SGL LAT W/CHASE	A	2	NS	*			Mk-76,Chaff,Flare	6,40,20	RSTD, RKD RNG, EXP; Approved MTR, scored raked range.
NSLAT	4703	SEC LAT LOW LEVEL/ TGT ATTK	A	2	NS	365	M	R	Mk-76,Chaff,Flare	6,40,20	LAT; Certifed LAT Course.
FORWARD AIR CONTROLLER (AIRBORNE) [FAC(A)]											
FAC(A)	4813	ADVERSE WX, ELEVATED THREAT	A	2	(NS)	*			2.75"/5.0" RP Rocket Pods/Mk-82/83,Chaff,Flare	2/4,40,20	MOA, JCAS, EXP; One or two FW CAS elements, one IDFS asset and a ground FAC. IDFS asset requires 10 HE rds, 4 WP rds.
FAC(A)	4814	UAS/UCAV INTEGRATION	A	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; UAV/UCAV asset with captive LGWs and a ground FAC or FO.
FAC(A)	4815	NSFS AIRSPOT	A/S	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; Naval Surface Fire Support asset and a ground FAC or FO or NGLO. NSFS asset requires a minimum of 10 HE rds, 2 WP rds, and 8 Illum rds.
FAC(A)	4816	AC-130 CFF/HARVEST HAWK	A/S	2	(NS)	*			Chaff,Flare	40,20	MOA, JCAS, EXP; One AC-130 and a ground FAC.

INSTRUCTOR / STANDARDIZATION TRAINING (5000 PHASE EVENTS)											
LOW ALTITUDE TACTICS INSTRUCTOR (LATI)											
SLATI	5101	IAW MAWTS-1 LATI PROGRAM GUIDE	S	2		*					
LATI	5102		A	2		*					
LATI	5103		A	2		*					
LATI	5104		A	2		*		R			
NIGHT SYSTEMS LOW ALTITUDE TACTICS INSTRUCTOR (NSLATI)											
SNSLATI	5201	IAW MAWTS-1 NSLATI PROGRAM GUIDE	S	2	NS	*					
NSLATI	5202		A	2	NS	*					
SNSLATI	5203		S	2	NS	*					
NSLATI	5204		A	2	NS	*		R			
FORWARD AIR CONTROLLER (AIRBORNE) INSTRUCTOR [FAC(A)I]											
SFAC(A)I	5301	IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	S	2	(NS)	*					
FAC(A)I	5302		A	2	(NS)	*					
FAC(A)I	5303		A	2	(NS)	*					
FAC(A)I	5304		A	2	NS	*		R			
FIGHTER ATTACK INSTRUCTOR (FAI)											
SFAI	5401	IAW MAWTS-1 FAI PROGRAM GUIDE	S	2		*					
SFAI	5402		S	2		*		R			
LFAI	5403		L	2		*					
FAI	5404		A	2		*					
FAI	5405		A	2		*					
FAI	5406		A	2		*					
FAI	5407		A	2		*					
FAI	5408		A	2		*					
FAI	5409		A	2		*		R			
SFAI	5410		S	2		*					
SFAI	5411		S	2		*		R			
FLIGHT LEADERSHIP STANDARDIZATION EVALUATOR (FLSE)											
LFLSE	5601		L			*		R			
LFLSE	5602		L			*		R			
TACTICAL AIR COORDINATION (AIRBORNE) INSTRUCTOR [TAC(A)I]											
TAC(A)I	5501	IAW MAWTS-1 TAC(A)I PROGRAM GUIDE	A	2	(NS)	*		R			
NIGHT SYSTEMS INSTRUCTOR (NSI)											
SNSI	5701	IAW MAWTS-1 NSI PROGRAM GUIDE	S	2	NS	*					
NSI	5702		A	2	NS	*					
LNSI	5703		L			*		R			
SNSI	5704		S	2	NS	*					
NSI	5705		A	2	NS	*		R			
REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS (6000 PHASE EVENTS)											
REQUIRED TRAINING AND/OR PROFICIENCY EVENTS (RQD)											
RQD	6103	SEC LEADER PROF FLT	A	2	(NS)	90	M	R			
RQD	6104	DIV LEADER PROF FLT	A	4	(NS)	180	M	R			

RQD	6105	MSN CMDR PROF FLT	A	8+	(NS)	365	M	R			
RQD	6106	A/A JHMCS INTRO	A	1	(NS)	*					
RQD	6107	A/G JHMCS INTRO	A	1	(NS)	*					
RQD	6108	JHMCS QUAD EYE INTRO	A	1	NS	*					
RQD	6109	STRAT TANKER	A	1+	(NS)	545		R			
SRQD	6110	FCF SIM	S	1		1095		R			
RQD	6111	STRAT TANKER (KC-135)	A	1+	(NS)	545		R			
QUALIFICATION EVENTS (QUAL)											
QUAL	6201	DAY CQ	A	1+		*					
QUAL	6202	NIGHT CQ	A	1+	N	*					
QUAL	6203	LAT QUAL	A	2		*					
QUAL	6204	NSLAT QUAL	A	2	NS	*					
QUAL	6205	LSO QUAL	-			1095					
QUAL	6206	FCF QUAL	A	1+		*					
QUAL	6207	FAC(A) QUAL	A	2	(NS)	*					
QUAL	6208	TAC(A) QUAL	A	1+	(NS)	*					
QUAL	6209	NS QUAL	A	2	NS	*					
QUAL	6210	ACM QUAL	A	2		*					
DESIGNATION EVENTS: SECTION LEAD (SL)											
SL	6301	FAM/FORM 1V1	A	2		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, EXP.
SL	6302	POPS AND STRAFE	A	2		*			BDU-48,20mm, Chaff,Flare	6,500,40,20	RSTD, LAT, RKD RNG, LSR, WISS, STRAFE, TGT, LT INERT, EXP.
SSL	6303	BUDDY LASE/BOMB/LMAV	S	2	NS	*					
SL FLSE	6304	HIGH/MED/STRAFE	A	2	NS	*			MK-76,20mm,Chaff,Flare	12,250,40,20	RSTD, RKD RNG, LSR, WISS, TGT, LT INERT, EXP.
SSL	6305	GP/PGM AR SIM	S	2+	NS	*					
SL	6306	GP/PGM SCAR	A	2+	NS	*			GBU-12/16/10,GBU-31/32/38,20mm,Chaff,Flare	2,1,40,20	MOA, RSTD, AA, AAR, TACTS, EW, (URBN TRG), LSR, STRAFE, TGT, HE, (HVY INERT), JDAM, LGB, EXP. 1+ FW/RW sections
SSL FLSE	6307	GP/PGM CAS SIM	S	2		*					
SL	6308	PGM CAS	A	2	NS	*			GBU-12/16,GBU-32/38,20mm,Chaff, Flare	2,1,250,40,20	RSTD, EW, LSR, STRAFE, TGT, HE, (HVY INERT) JDAM, LGB, EXP.
LSL	6309	OFFENSIVE BFM LAB	L			*					
LSL	6310	DEFENSIVE BFM LAB	L			*					
SL	6311	PERCH BFM	A	2		*			CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
SL	6312	HA BFM	A	2		*			CATM-9X,Chaff,Flare	1,40,20	AA, EXP.
SSL	6313	2V2 VID SIM	S	2		*					
SL FLSE	6314	2V2 VID / TAP-N-CAP	A	2		*			CATM-9X,Chaff,Flare	2,1,250,40,20	AA, MACH 1+, EXP.
SSL	6315	2VX DCA EA (FT)	S	2		*					
SL	6316	2VX SWEEP (DTD)	A	2	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EXP; 3+ dissimilar adversaries, AIC, RTO.

SL	6317	LOW AI	A/S	2		*			MK-82/83/84 or MK-76/BDU-48,CATM-9X,CATM-7/120,Chaff,Flare	4/6,1,1,40,20	MOA, RSTD, MTR, LAT, AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
SSL FLSE	6318	MED/HIGH AI SIM	S	2		*					
SL CHECK	6319	MED/HIGH AI PGM	A	2	NS	*		R	GBU-12/16 or 2 LGTR, CATM-9X,CATM-7/120,Chaff,Flare	2/1,1,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), LGB, EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DESIGNATION EVENTS: DIVISION LEAD (DL)											
SDL	6401	OCA (SWEEP) SIM	S	4		*					
DL	6402	OCA (SWEEP)	A	4		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EW, EXP. Three or more (dissimilar) Adversaries, AIC, RTO.
SDL FLSE	6403	DCA (AREA DEF W/EA) SIM	S	4(2)		*					
DL	6404	DCA (AREA DEF W/EA) DTD	A	4	NS	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, MACH 1+, TCTS, EW, EXP. Three or more (dissimilar) adversaries, AIC, RTO.
SDL	6405	LOW ALT AI SIM	S/A	4		*					
DL FLSE	6406	MED ALT AI	A	4		*			GBU-10/12/16 or 2 LGTRS CATM-9X,CATM-7/120,Chaff,Flare	2,1,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), (JDAM), (LGB), EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DL CHECK	6407	MED ALT AI	A	4	NS	*		R	GBU-12/16 or GBU-32/38,CATM-9X,CATM-7/120,Chaff,Flare	2/6,1,1,40,20	AA, MACH 1+, AAR, TCTS, EW, LSR, TGT, HE, (LT INERT), (HVY INERT), (JDAM), (LGB), EXP. Two or more (dissimilar) Adversaries, AIC, RTO.
DESIGNATION EVENTS: MISSION COMMANDER (MC)											
MC	6501	LFE DCA	A	8+	(NS)	*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, MACH 1+. AIC, four or more (dissimilar) adversaries. Tanker support preferred.

MC	6502	LFE DAY AI	A	8+		*			CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, EW. AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft preferred, one electronic attack aircraft preferred, tanker support preferred.
MC CHECK	6503	LFE NIGHT AI	A	8+	NS	*		R	CATM-9X,CATM-7/120,Chaff,Flare	1,1,40,20	AA, TCTS, EXP, EW. AIC, four or more blue fighters, four or more (dissimilar) adversaries, two SEAD aircraft preferred, one electronic attack aircraft preferred, tanker support preferred.
DESIGNATION EVENTS: WEAPONS SCHOOL GRADUATE INSTRUCTOR (INSTR)											
INSTR	6601	WTI				*					
INSTR	6602	MDTC				*					
INSTR	6603	TOPGUN				*					
SPECIFIC WEAPONS DELIVERY PROFICIENCY REQUIREMENTS [SURFACE (SSWD); AERIAL (ASWD)]											
SSWD	6701	M61A1 DAY STRAFE	A	1		180	M	R	20mm	250	STRAFE
SSWD	6702	MK-76	A	1		90	M	R	Mk-76	1	LT INERT
SSWD	6703	BDU-45/MK-83 IN/84 IN	A	1		180			BDU-45/83 IN/84 IN	1	HVY INERT
SSWD	6704	MK-82/83/84	A	1		180	M	R	Mk-82/83/84	1	Live ordnance range.
SSWD	6705	LGTR	A	1		90		R	LGTR	1	
SSWD	6706	GBU-12/16/10/24 INERT	A	1		180		R	GBU-12/16/10/24 INERT	1	
SSWD	6707	GBU-12/16/10/24	A	1		365	M	R	GBU-10/12/16/24/LGTR	1	Live of inert ordnance range, laser safe range.
SSWD	6708	CAPTIVE JDAM	A	1		180			Captive JDAM	1	
SSWD	6709	JDAM INERT	A	1		180		R	Inert JDAM	1	HVY INERT
SSWD	6710	JDAM	A	1		365	M	R	JDAM	1	Live ordnance range.
SSWD	6711	CATM AGM-65E	A	1		180			Captive AGM-65E	1	LSR
SSWD	6712	AGM-65E	A	1		1095			AGM-65E	1	Live Surface-to-Air missile range that is laser safe.
SSWD	6713	ROCKETS	A	1		365			5",2.75"	4,7	Live or inert range.
SSWD	6714	ILLUM	A	1		365			5",2.75",LUU-2/19	4,7,4	Inert ordnance range.
SSWD	6715	CBU	A	1		365			Rockeye	1	Live CBU range.
SSWD	6716	FIRE BOMB	A	1		545			Mk-77	1	Live ordnance range.
SSWD	6717	CAPTIVE JSOW	A	1		545			Captive JSOW	1	
SSWD	6718	JSOW	A	1		1095			JSOW	1	Live ordnance range.
SSWD	6719	CATM HARM	A	1		180			Captive AGM-88 HARM	1	
SSWD	6720	HARM	A	1		1095			AGM-88 HARM	1	Live Air-to-Surface

											missile range with a range safety officer; emitter to the range.
SSWD	6721	CATM SLAM(ER)	A	1		545			Captive SLAM(ER)	1	
SSWD	6722	SLAM(ER)	A	1		1095			SLAM(ER)	1	Live Air-to-Surface missile range with a range safety officer.
SSWD	6723	TALD	A	1		1095			TALD, ITALD	1	Inert or live ordnance range.
ASWD	6724	CIRCULAR GUN PATTERN	A	2+		730			20mm	500	One banner/dart tow aircraft; live fire aerial gunnery range
ASWD	6725	FWD QTR GUN PATTERN	A	2+		730			20mm	500	One banner/dart tow aircraft; live fire aerial gunnery range
ASWD	6726	AIM-9	A	2+		1095			AIM-9	1	Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP-3, E-2C, etc.) One BQM, AQM, or TALD with IR augmentation package.
ASWD	6727	AIM-7	A	2+		1095			AIM-7	1	Missle test range and airspace control agency. Surface search and aerial search radar platform, (EP-3, E-2C, etc.) One BQM, AQM, or TALD with radar augmentation package.
ASWD	6728	AIM-120	A	2+		1095			AIM-120A/B/C	1	Missile test range and airspace control agency. Surface search and aerial search radar platform, (EP--3, E-2C, etc.). One BQM, AQM, or TALD with radar augmentation package.
ASWD	6729	BANNER TOW	A	2+		1095			Banner	1	
ASWD	6730	CATM-9	A	1		90			CATM-9	1	
ASWD	6731	CATM-7	A	1		90			CATM-7	1	
ASWD	6732	CATM-120	A	1		90			CATM-120	1	
ASWD	6733	M61A1 NIGHT STRAFE	A	1		15	M	R	20mm	250	STRAFE
LASWD	6734	A/A LAB	L			*					

ASWD	6735	DIVE DELIVERY	A	1		15	M	R			
NATOPS AND INSTRUMENT EVALUATION ACADEMIC EVENTS (NTPS / INST)											
NTPS	6801	NATOPS OPEN BOOK EXAM				365	M	R			
NTPS	6802	NATOPS CLOSED BOOK EXAM				365	M	R			
NTPS	6803	NATOPS ORAL EXAM				365	M	R			
SNTPS	6101	NATOPS CHECK	S/A	1+		365	M	R			
INST	6804	INSTRUMENT EXAM				365	M	R			
INST	6805	INSTRUMENT GND SCHOOL				365	M	R			CNO approved Instrument Ground School.
SINST	6102	INSTRUMENT CHECK	S/A	1+	(NS)	365	M	R			

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	BASIC POI		REFRESHER POI		MAINTAIN POI			
				STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
JMPS MISSION PLANNING	AFAM	2001	*	FAM	2001	FAM		FAM			
PERFORMANCE ENHANCEMENT	AFAM	2002	*		2002						
EP SIM	SFAM	S2101R	*90*		S2101R		S2101R		S2101R		
DAY FAM/1V0/1V1 AWI	FAM	2102R	*30*		2102R		2102R		2102R	2101	
DAY AAR	AAR	2201R	*365*	AAR	2201R	AAR	2201R	AAR		2102	2102
NIGHT AAR	AAR	2202R	*365*		2202R		2202R		2202R	2201	2102,2201,2402~NS
S/A COUNTERTACTICS	AAS	2003	*	AS	2003	AS		AS			
EW SUITE	AAS	2004	*		2004						
NON-RF SAMS & AAA	AAS	2005	*		2005						
RF SAMS	AAS	2006	*		2006						
SAM MISCONCEPTIONS BY KURT WALDRON	AAS	2007	*		2007						
BOMBS, FINS, & FUZES	AAS	2008	*		2008						
WASP, PT I	AAS	2009	*		2009						
WASP, PT II	AAS	2010	*		2010						
A/G GUNNERY	AAS	2011	*		2011						
TARGETING PODS (LITENING/ATFLIR)	AAS	2012	*		2012						
LASER GUIDED BOMBS (PAVEWAY II/DMLGB)	AAS	2013	*		2013						
MAVERICK EMPLOYMENT	AAS	2014	*		2014						
CLUSTER MUNITIONS	AAS	2015	*		2015						
GPS WEAPONS: GPS THEORY	AAS	2016	*		2016						
GPS WEAPONS: JDAM/LJDAM	AAS	2017	*		2017						
HI/MED/LOW ANGLE	SAS	S2301	*		S2301						
MED/LOW	SAS	S2302R	*		S2302R		S2302R			2301	
HI/MED ANGLE DIVE (GP)	AS	2303R	*180*		2303R		2303R		2303R	2102,2301	2102,2402~NS

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
MED/LOW ANGLE SGL/SEC	AS	2304R	*180*		2304R		2304R		2304R	2302	2102,2402~NS
SACT SIM	SAS	S2305R	*180*		S2305R		S2305R		S2305R	2301	
SACT FLIGHT	AS	2306R	*540*		2306R		2306R		2306R	2305	2102,2305
TPOD/LGB/LMAV SIM	SAS	S2307	*		S2307						
TPOD/JDAM/LJDAM SIM	SAS	S2308	*		S2308					2307	
BUDDY LASE/BUDDY	SAS	S2309R	*365*		S2309R		S2309R		S2309R	2307	
BUDDY LASE/BUDDY BOMB/ IAM/	AS	2310	*		2310					2102,2309	2102,2402~NS
NS TACTICAL CONSIDERATIONS	ANS	2018	*		2018						
FAM SIM	SNS	S2401	*		S2401					2102	
FAM/FORM/AWI	NS	2402R	*180*	NS	2402R	NS	2402R	NS	2402R	2102,2401	2102
2V2 INT	NS	2403	*		2403					2402,2507	2102,2402
MED ANGLE DIVE/POP/ STRAFE	NS	2404	*		2404					2303,2304,2402	2102,2304,2402
SEC IAM DELIVERIES	NS	2405	*		2405					2310,2404	2102,2309,2402
COMBAT GUNNERY	AAA	2019	*								
AIM-9	AAA	2020	*								
AIM-120	AAA	2021	*								
1V1 AIR COMBAT	AAA	2022	*								
SECTION ENGAGED MANEUVERING	AAA	2023	*								
FA-18 A/A EMPLOYMENT	AAA	2024	*								
RADAR THEORY	AAA	2025	*								
APG-65/73	AAA	2026	*								
COMBAT SYS (MIDS)	AAA	2027	*								
THREAT AIRCRAFT	AAA	2028	*	AA		AA		AA			
THREAT A/A MISSILES	AAA	2029	*								
1V1 OFFENSIVE BFM	AA	2501R	*180*		2501R		2501R		2501R	2102	2102
1V1 DEFENSIVE BFM	AA	2502R	*180*		2502R		2502R		2502R	2501	2102
1V1 NEUTRAL BFM (HA/ROLLER)	AA	2503R	*90*		2503R		2503R		2503R	2502	2102
1V1 DISSIMILAR	AA	2504R	*365*		2504R		2504R		2504R	2503	2102,2503
RADAR/EA/COMBAT SYS	SAA	S2505	*		S2505					2102	
BVR RADAR & SRR (NTD) SIM	SAA	S2506	*		S2506					2505	
2V2 BVR (NTD) VID SIM	SAA	S2507R	*		S2507R		S2507R			2506	
2V1 OR 2V2 SEM/TAP-N-CAP	AA	2508R	180		2508R		2508R		2508R	2507	2102
2V2 BVR (NTD)	AA	2509	*							2504, 2507	2102
LAT PART I: PHILOSOPHY & CONCEPTS	ALAT	2030	*		2030						
LAT PART II: RISK ASSESSMENT	ALAT	2031	*		2031						
LAT PART III: BASIC & SECTION MANEUVERING	ALAT	2032	*	LAT	2032	LAT		LAT			
LAT PART IV: ADVANCED MANEUVERING	ALAT	2033	*		2033						
LAT SIM	SLAT	S2601R	*		S2601R		S2601R			2304, 2306	2302
SGL SHIP LAT (2/3D,TRXN, TGT	LAT	2602	*		2602					2601	2102,2304,2306
SEC LAT (TRXN, TGT ATTACK)	LAT	2603R	365		2603R		2603R		2603R	2602	2102,2302,2304,2306
FIRE SUPPORT COORD MEASURES	ACAS	3001	*	CAS	3001	CAS		CAS			

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	BASIC POI		REFRESHER POI		MAINTAIN POI			
				STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
JOINT CAS DOCTRINE	ACAS	3002	*		3002						
CAS	ACAS	3003	*		3003						
URBAN CAS	ACAS	3004	*		3004						
DCS/AMF	ACAS	3005	*		3005						
GP CAS SIM	SCAS	S3101	*		S3101					2304	
PGM CAS SIM	SCAS	S3102R	120		S3102R		S3102R		S3102R	3101,2310	
DAY GP CAS	CAS	3103R	365		3103R		3103R		3103R	3101	3101
DAY PGM CAS	CAS	3104R	180		3104R		3104R		3104R	3102	2102,3102
URBAN CAS	CAS	3105R	365		3105R		3105R		3105R	3104	2102,2402~NS
NIGHT CAS	CAS	3106R	180		3106R		3106R		3106R	3104	2102, 2402
AR / SCAR	AAR	3047	*		3047						
JMEMS	AAR	3048	*		3048						
GPS WPNS: TARGET COORDINATES	AAR	3049	*	AR	3049	AR		AR			
AR (GP, PGM)	SAR	S3201R	180		S3201R		S3201R		S3201R	2304,2305,2310	
DAY AR	AR	3202R	365		3202R		3202R		3202R	3201	2102, 3201
NIGHT AR	AR	3203R	180		3203R		3203R		3203R	3202	2102,3201,2402
SCAR SIM	SSCAR	S3301R	180	SCAR	S3301R	SCAR	S3301R	SCAR	S3301R	3202	3201
SCAR	SCAR	3302R	365		3302R		3302R		3302R	3301	2102,2402~NS,3203~NS
A/A MISSION PLANNING	AAAD	3021	*								
DCA (AREA DEFENSE)	SAAD	S3401R	*		S3401R		S3401R			2509	
DAY DCA (AREA DEFENSE)	AAD	3402	*	AAD	3402	AAD		AAD		3401	2102
DCA (AREA DEFENSE) W/ EA	SAAD	S3403R	180		S3403R		S3403R		S3403R	3402	
NIGHT DCA (AREA DEFENSE)	AAD	3404R	180		3404R		3404R		3404R	3403	2102,2402,3402
AREA DEFENSE W/ EA (FT)	SAAD	S3405R	180		S3405R		S3405R		S3405R	3403	
HARM HARDWARE & SOFTWARE	ASEAD	3010	*		3010						
HARM MODES OF OPERATIONS	ASEAD	3011	*		3011						
HARM TAILORING	ASEAD	3012	*		3012						
SEAD PLANNING	ASEAD	3013	*		3013						
THREAT IADS	ASEAD	3014	*	SEAD	3014	SEAD		SEAD			
GPS WEAPONS: JSOW	ASEAD	3015	*		3015						
TALD	ASEAD	3016	*		3016						
SLAM-ER/JSOW SIM	SSEAD	S3501R	*365*		S3501R		S3501R		S3501R		
HARM SIM (PP/TOO)	SSEAD	S3502R	*365*		S3502R		S3502R		S3502R		
SEAD (HARM)	SEAD	3503R	*365*		3503R		3503R		3503R	3502	2102,2402~NS,3502
FIGHTER ATTACK MSNS	AOAAW	3006	*		3006						
DEFENSIVE COUNTER MEASURES	AOAAW	3007	*		3007						
COMMAND & CONTROL	AOAAW	3008	*		3008						
THREAT PILOT & TACTICS	AOAAW	3009	*	OAAW	3009	OAAW		OAAW			
SWEEP SIM	SOAAW	S3601	*		S3601					2509	
SWEEP	OAAW	3602R	*365*		3602R		3602R		3602R	3601	2102,2402~NS
SCREEN / CLOSE ESCORT SIM	SOAAW	S3603R	*180*		S3603R		S3603R		S3603R	2509	
SCREEN / CLOSE ESCORT	OAAW	3604R	*365*		3604R		3604R		3604R	3603	2102,2402~NS

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
A/G EMPLOYMENT	AAI	3017	*		3017						
STRIKE MSN PLANNING	AAI	3018	*		3018						
LGBS (PAVE III)	AAI	3019	*		3019						
GPS WPNS: SLAM-ER	AAI	3020	*		3020						
LOW ALT AI (AGGRESSED)	SAI	S3701R	*365*		S3701R		S3701R		S3701R	2310,2507	2302,2507
LOW ALT AI (AGGRESSED)	AI	3702R	*365*	AI	3702R	AI	3702R	AI	3702R	3701	2102,2304,2306,2402~NS,2507,2509,3701
MED ALT AI (AGGRESSED)	SAI	S3703R	*180*		S3703R		S3703R		S3703R	2310,2507	2302,2507
DAY MED ALT AI (AGGRESSED)	AI	3704R	*365*		3704R		3704R		3704R	3703	2102,2306,2310,2501,2507,2509,3703
NIGHT MED ALT AI (AGGRESSED)	AI	3705R	*180*		3705R		3705R		3705R	3704,8300-8351	2306,2402,3703
REVIEW SHORE OPS	EXP	3800R	*365*	EXP	3800R	EXP	3800R	EXP	3800R	2102	2102,2402~NS
JCAS-JFAC(A) OVERVIEW	AFAC(A)	3022	*		3022						
JOINT COMMAND&CONTROL	AFAC(A)	3023	*		3023						
FIRE SPT COORDINATION	AFAC(A)	3024	*		3024						
JTAC EQUIPMENT	AFAC(A)	3025	*		3025						
INTRO TO AVIATION ORD	AFAC(A)	3026	*		3026						
A/C / SENSOR CAPABILITIES	AFAC(A)	3027	*		3027						
INTRO TO IDF ASSETS	AFAC(A)	3028	*		3028						
CALL FOR FIRE	AFAC(A)	3029	*		3029						
FAC(A) PLANNING & PREP	AFAC(A)	3030	*		3030						
JOINT TACTICAL AIRSTRIKE	AFAC(A)	3031	*		3031						
CONTROLLING CAS AS A FAC(A)	AFAC(A)	3032	*		3032						
INTRO TO FW CAS TACTICS	AFAC(A)	3033	*		3033						
ATTACK HELO EMPLOYMENT	AFAC(A)	3034	*		3034						
FAC(A) NIGHT CONSIDERATIONS	AFAC(A)	3035	*	FAC(A)	3035	FAC(A)		FAC(A)			
URBAN FAC(A) CONSIDERATIONS	AFAC(A)	3036	*		3036						
SEAD/EW INTEGRATION	AFAC(A)	3037	*		3037						
FRATRICIDE LESSONS LEARNED	AFAC(A)	3038	*		3038						
TLE COMM & STANDARDIZATION	AFAC(A)	3039	*		3039						
MACCS PART I	AFAC(A)	3040	*		3040						
MACCS PART II	AFAC(A)	3041	*		3041						
TARGETING & FIRE SPT PLANNING	AFAC(A)	3042	*		3042						
GENERAL EMPLOYMENT OF FAC(A), TAC(A), SCAR	AFAC(A)	3043	*		3043						
FA-18 FAC(A) EMPLOYMENT	AFAC(A)	3044	*		3044						
FA-18 FAC(A) & TAC(A) TCC & CRM	AFAC(A)	3045	*		3045						

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	BASIC POI		REFRESHER POI		MAINTAIN POI			
				STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
FW (PGM) LOW/MED THREAT SIM	SFAC(A)	S3801R	*540*		S3801R		S3801R			6319 Pilot,6302-6308 WSO	
FW (GP) LOW/MED THREAT	SFAC(A)	S3802R	*180*		S3802R		S3802R		S3802R	3801	
FW (GP) LOW THREAT	FAC(A)	3803	*		3803					3802	2102,3802
FW (GP/PGM) LOW THREAT	FAC(A)	3804R	*180*		3804R		3804R		3804R	3803	2102,2402~NS,3801,3802
RW CONTROL	FAC(A)	3805	*		3805					3804	2102,2402~NS
AIRSPOT	FAC(A)	3806	*		3806					2102	2102,2402~NS
URBAN	SFAC(A)	S3807R	*365*		S3807R		S3807R		S3807R	3805	
NIGHT LOW/MED THREAT	FAC(A)	3808R	*180*		3808R		3808R		3808R	3804	2102,2402
ADVERSE WX HIGH THEAT SIM	SFAC(A)	S3809R	*540*		S3809R		S3809R		S3809R	3808	
MULTI-ELEMENT INTEGRATION	SFAC(A)	S3810R	*180*		S3810R		S3810R		S3810R	3909	2102,2402
2 ELEMENT INTEGRATION	FAC(A)	3811	*		3811					3810	2102,2402~NS,3808
3 ELEMENT INTEGRATION (FAC(A) QUAL)	FAC(A)	3812R	*365*		3812R		3812R		3812R	3811	2102,2402~NS,3810
FA-18D TAC(A) EMPLOYMENT	TAC(A)	3046	*	TAC(A)	3046	TAC(A)		TAC(A)			
MULTI-AGENCY TAC(A) QUAL	TAC(A)	3901R	*540*		3901R		3901R		3901R	2102	2102,2402~NS
EP CQ SIM	SFCLP/CQ	S4101R	*		S4101R		S4101R			2102	2101
DAY FCLP	FCLP/CQ	4102R	*365*		4102R		4102R			2102,4101	2102
NIGHT FCLP	FCLP/CQ	4103R	*365*	FLCP/CQ	4103R	FCLP/CQ	4103R	FCLP/CQ	4103R	2102,4102	2102,2402,4102
DAY CQ	FCLP/CQ	4104R	*365*		4104R		4104R			2102,4102	2102,4102
NIGHT CQ	FCLP/CQ	4105R	*365*		4105R		4105R		4105R	2102,4103,4104	2102,2402,4102,4103,4104
TAC RECCE EMPLOYMENT	AMIR	4001	*		4001						
NTISR (THEATER DEP)	MIR	4201	*	MIR	4201	MIR		MIR		3201	2102,2402~NS
EO/IR/SAR RECCE	MIR	4202R	*365*		4202R		4202R		4202R	2102,4201	2102,2402~NS,4201
CONVOY ESCORT	AAESC	4002	*		4002						
ASSAULT SUPPORT ESCORT	AAESC	4003	*		4003						
SUPPORTED UNIT CAPES	AAESC	4004	*	AESC	4004	AESC		AESC			
CONVOY ESCORT	SAESC	S4301R	*540*		S4301R		S4301R		S4301R	3203	
ASSAULT SPT ESCORT	AESC	4302R	*540*		4302R		4302R		4302R	3203	2102,2402~NS
FAC(A) ESCORT	AESC	4303	*		4303					2102	2102,2402~NS
MINE LAYING OPS SIM	SAMT	S4401	*		S4401						
SLAM-ER/HARPOON	SAMT	S4402R	*365*	AMT	S4402R	AMT	S4402R	AMT	S4402R		
WAR AT SEA EXERCISE (WASEX)	AMT	4404R	*365*		4404R		4404R		4404R	3704,3705~NS	2102,3704,2402~NS,3705~NS,4403
ROTARY WING THREAT	AAAD	4005	*		4005						
AREA DEFENSE W/ EA (FT)	AAD	4501R	*365*	AAD	4501R	AAD	4501R	AAD	4501R	3405	2102,2402~NS,3403,3404~NS3405
HELO/PROP ATTACKS	AAD	4502R	*365*		4502R		4502R		4502R	2508	2102,2402~NS

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
DAY LFE	LFE	4601R	*365*	LFE	4601R	LFE	4601R	LFE		2000 PHASE COMP	2102
NIGHT LFE	LFE	4602R	*365*		4602R		4602R		4602R	2000 PHASE COMP	2102,2402,4601
SGL LAT W/CHASE SIM	NSLAT	S4701	*	NSLAT	S4701	NSLAT		NSLAT		2306,2405,2603	2601
SGL LAT W/CHASE	NSLAT	4702	*		4702					4701	2102,2402
SEC LAT LOW LEVEL/ TGT ATTK	NSLAT	4703R	*365*		4703R		4703R		4703R	4702	2102,2402,2603
ADVERSE WX/ELEV THREAT	FAC(A)	4813	*	FAC(A	4813	FAC(A)		FAC(A)		3812	2102,2402~NS
UAS/UCAV INTEGRATION	FAC(A)	4814	*		4814					4812	2102,2402~NS
NSFS AIRSPOT	FAC(A)	4815	*		4815					4812	2102,2402~NS
AC-130/HARVEST HAWK INT	FAC(A)	4816	*		4816					4812	2102,2402~NS
IAW MAWTS-1 LATI PROGRAM GUIDE	SLATI	S5101	*	LATI	S5101	LATI		LATI		2603	2302,2601
	LATI	5102	*		5102					5101	2102,2603,2304,2306
	LATI	5103	*		5103					5102	2102,2603,2304,2306
	LATI	5104R	*		5104R		5104R			5103	2102,2603,2304,2306
NIGHT LAT CONSIDERATIONS	ANSLAT	4006	*	NSLATI	4006	NSLATI		NSLATI			
IAW MAWTS-1 NSLATI PROGRAM GUIDE	SNSLATI	S5201	*		5201					4703,5104	2302,2601,4701
	NSLATI	5202	*		5202					5201	2102,2304,2306,2402,2603, 4703
	SNSLATI	S5203	*		S5203					5202	2302,2601,4701
	NSLATI	5204R	*		5204R		5204R			5203	2102,2304,2306,2402,2603, 4703
IAW MAWTS-1 FAC(A)I PROGRAM GUIDE	SFAC(A)I	S5301	*	FAC(A)I	S5301	FAC(A)I		FAC(A)I			4802,4809,4810
	FAC(A)I	5302	*		5302					4812	2102,2402~NS,4802,4804,4808, 4810~NS,4811
	FAC(A)I	5303	*		5303					4812	2102,2402~NS,3102,3202,3203~NS, 4802,4804,4808~NS,4810~NS,4812
	FAC(A)I	5304R	*		5304R		5304R			4812	2102,2402,3102,3202,3203, 4802,4804,4808,4810,4812
IAW MAWTS-1 FAI PROGRAM GUIDE	SFAI	S5401	*	FAI	S5401	FAI		FAI		6319	3102
	SFAI	S5402R	*		S5402R		S5402R			5401	3102
	LFAI	L5403	*		L5403					6319	
	FAI	5404	*		5404					6319	2102,2503
	FAI	5405	*		5405					5404	2102,2503
	FAI	5406	*		5406					5403,5405	2102,2503
	FAI	5407	*		5407					6319	2102,2503,2508
	FAI	5408	*		5408					5407	2102,2503,2508
	FAI	5409	*		5409R		5409R			5403,5405,5408	2102,2503,2508
	SFAI	5410	*		5410					6319	
	SFAI	5411R	*		5411R		5411R			5409	
A/A Briefing Lab	FLSE	5601R	*	FLSE	5601R	FLSE	5601R	FLSE			
CAS Briefing Lab	FLSE	5602R	*		5602R		5602R				

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
IAW MAWTS-1 NSI PROGRAM GUIDE	SNSI	S5701	*	NSI	S5701	NSI		NSI		6319	2305
	NSI	5702	*		5702					5701	2102,2402
	LNSI	L5703R	*		L5703R		L5703R			6319	
	SNSI	S5704	*		S5704					5703	2305
	NSI	5705R	*		5705R		5705R			5704	2102,2402
SEC LEADER PROF FLT	RQD	6103R	*90*	RQD	6103R	RQD	6103R	RQD	6103R	6319	2102,2402~NS
DIV LEADER PROF FLT	RQD	6104R	*180*		6104R		6104R		6104R	6407	2102,2402~NS
MSN CMDR PROF FLT	RQD	6105R	*365*		6105R		6105R		6105R	6503	2102,2402~NS
A/A JHMCS INTRO	RQD	6106	*							2506,2509	2102
A/G JHMCS INTRO	RQD	6107	*							2309	2102
JHMCS QUAD EYE INTRO	RQD	6108	*							2309,2405	2402
STRAT TANKER	RQD	6109R	*545*		6109R		6109R			2201	2102,2201,2202~NS,2402~NS
FCF SIM	SRCQD	S6110R	*1095*		S6110R		S6110R				2101
STRAT TANKER (KC-135)	RQD	6111R	*545*		6111R		6111R			2201	2102,2201,2202~NS,2402~NS,6109
DAY CQ	QUAL	S6201	*	QUAL		QUAL		QUAL		4104	2102
NIGHT CQ	QUAL	S6202	*							4105	2102
LAT QUAL	QUAL	6203	*							2603	2102
NSLAT QUAL	QUAL	6204	*							4703	2102,2402~NS
LSO QUAL	QUAL	6205	*1095*							6201,6202	
FCF QUAL	QUAL	6206	*							6110	2102
FAC(A) QUAL	QUAL	6207	*							3812	2102,2402~NS
FAM/FORM 1V1	SL	6301	*	SL	6301	SL		SL		2000,3000 PHASE COMPLETE	2102
POPS AND STRAFE	SL	6302	*		6302					6301	2102,2304
BUDDY LASE/BOMB/LMAV	SSL	S6303	*		S6303					6301	2309
HIGH/MED/STRAFE	SL	6304	*		6304					6302	2102,2402~NS)
GP/PGM AR SIM	SSL	S6305	*		S6305					6303,6304	3201
GP/PGM SCAR	SL	6306	*		6306					6305	2102,2402~NS,3202,3203~NS 3301,3203
GP/PGM CAS SIM	SSL	S6307	*		S6307					6306	3102
PGM CAS	SL	6308	*		6308					6307	2102,2402~NS,3102,3104,3106
OFFENSIVE BFM LAB	LSL	L6309	*		L6309					2000,3000 PHASE COMP	
DEFENSIVE BFM LAB	LSL	L6310	*		L6310					2000,3000 PHASE COMP	
PERCH BFM	SL	6311	*		6311					6301,6309,6310	2102,2501,2502
HA BFM	SL	6312	*		6312					6311	2102,2503
2V2 VID SIM	SL	6313	*		6313					6312	
2V2 VID / TAP-N-CAP	SL	6314	*		6314					6313	2102,2503,2508
2VX DCA EA (FT)	SSL	S6315	*		S6315					6314	3403,4501
2VX SWEEP (DTD)	SL	6316	*		6316					6315	2102,2402~NS,3602
LOW AI	SL	6317	*		6317					6313,6304	2102,3701,3702(A)
MED/HIGH AI SIM	SSL	S6318	*		S6318					6313,6317	3703
MED/HIGH AI PGM	SL CHK	6319R	*		6319R		6319R			6301-6318	2102,2402,3703

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
				BASIC POI		REFRESHER POI		MAINTAIN POI			
T&R DESCRIPTION	STAGE	EVENT #	RE-FLY	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
										8630,8660	
OCA (SWEEP) SIM	SDL	S6401	*		S6401					6319	
OCA (SWEEP)	DL	6402	*		6402					6401	2102,3602
DCA (AREA DEF W/EA) SIM	SDL	S6403	*		S6403					6319	3403,4501
DCA (AREA DEF W/EA) DTD	DL	6404	*	DL	6404	DL		DL		6403	2102,2402~NS,3403,3404,4501
LOW ALT AI SIM	SDL	S6405	*		S6405					6319	2102,3701,3702(A)
MED ALT AI	DL	6406	*		6406					6405	2102,2402,3703,3704
MED ALT AI	DL CHK	6407R	*		6407R		6407R			6406,8640,8641	2102,2402,3703,3704,3705
LFE DCA	MC	6501	*		6501					6407	2102,2402~NS,3403,3404,4602~NS
LFE DAY AI	MC	6502	*	MC	6502	MC		MC		6407	2102,3703,3704,4601
LFE NIGHT AI	MC CHK	6503R	*		6503R		6503R			6501,6502,8620	2102,2402,3703,3704,3705,4602
WTI	INSTR	6601	*		6601						
MDTC	INSTR	6602	*	INSTR	6602	INSTR		INSTR			
TOPGUN	INSTR	6603	*		6603						
M61A1 DAY STRAFE	SSWD	6701R	180		6701R		6701R		6701R		
MK-76	SSWD	6702R	90		6702R		6702R		6702R		
BDU-45/MK-83 IN/84 IN	SSWD	6703	180		6703						6702
MK-82/83/84	SSWD	6704R	180		6704R		6704R		6704R		6702,6703
LGTR	SSWD	6705R	90		6705R		6705R				
GBU-12/16/10/24 INERT	SSWD	6706R	180		6706R		6706R				6705
GBU-12/16/10/24	SSWD	6707R	365		6707R		6707R		6707R		6705,6706
CAPTIVE JDAM	SSWD	6708	180		6708						
JDAM INERT	SSWD	6709R	180		6709R		6709R				6708
JDAM	SSWD	6710R	365		6710R		6710R		6710R		6708,6709
CATM AGM-65E	SSWD	6711	180		6711						
AGM-65E	SSWD	6712	1095		6712						6711
ROCKETS	SSWD	6713	365		6713						
ILLUM	SSWD	6714	365	SSWD	6714	SSWD		SSWD			
CBU	SSWD	6715	365		6715						
FIRE BOMB	SSWD	6716	545		6716						
CAPTIVE JSOW	SSWD	6717	545		6717						
JSOW	SSWD	6718	1095		6718						6717
CATM HARM	SSWD	6719	180		6719						
HARM	SSWD	6720	1095		6720						6719
CATM SLAM(ER)	SSWD	6721	545		6721						
SLAM(ER)	SSWD	6722	1095		6722						6721
TALD	SSWD	6723	1095		6723						
CIRCULAR GUN PATTERN	SSWD	6724	730		6724					2509	
FWD QTR GUN PATTERN	SSWD	6725	730		6725					6724	6724
AIM-9	SSWD	6726	1095		6726						
AIM-7	SSWD	6727	1095		6727						

FA-18D ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				ATTAIN PROFICIENCY				MAINTAIN PROFICIENCY		PREREQUISITES	CHAINING
T&R DESCRIPTION	STAGE	EVENT #	*RE-FLY*	BASIC POI		REFRESHER POI		MAINTAIN POI			
				STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #		
AIM-120	SSWD	6728	*1095*		6728						
BANNER TOW	SSWD	6729	*1095*		6729						
CATM-9	SSWD	6730	*90*		6730						
CATM-7	SSWD	6731	*90*		6731						
CATM-120	SSWD	6732	*90*		6732						
M61A1 NIGHT STRAFE	SSWD	6733R	*15*		6733R		6733R		6733R	6701	6701
A/A LAB	LSSWD	L6734	*		L6734						
DIVE DELIVERY	SSWD	6735R	*15*		6735R		6735R		6735R		
NATOPS OPEN BOOK EXAM	NTPS	6801R	*365*		6801R		6801R		6801R		
NATOPS CLOSED BOOK EXAM	NTPS	6802R	*365*	NTPS	6802R	NTPS	6802R	NTPS	6802R		
NATOPS ORAL EXAM	NTPS	6803R	*365*		6803R		6803R		6803R		
NATOPS CHECK	NTPS	S6101R	*365*		S6101R		S6101R		S6101R	6801,6802,6803	2101,2102(A)
INSTRUMENT EXAM	INST	6804R	*365*		6804R		6804R		6804R		
INSTRUMENT GND SCHOOL	INST	6805R	*365*	INST	6805R	INST	6805R	INST	6805R		
INSTRUMENT CHECK	INST	S6102R	*365*		S6102R		S6102R		S6102R	6804,6805	2102(A)

2.16 SYLLABUS EVALUATION FORMS. Contact MAWTS-1 to receive FA-18 Pilot/WSO T&R syllabus evaluation forms.

2.17 SIMULATOR MISSION ESSENTIAL SUBSYSTEMS MATRIX (MESM)

2.17.1 Events designated by an "S" in the event header shall be flown/conducted in a training device equipped to meet the objectives listed in the event description; each event requires specific simulator capabilities. For each individual event, a simulator is categorized as Full Mission Capable (FMC), Partial Mission Capable (PMC), or Non-Mission Capable (NMC) based on the status of mission essential simulator subsystems. The following definitions apply:

2.17.1.1 FMC. All simulator subsystems required to meet the training objectives for the event to be flown/conducted are installed and operating properly.

2.17.1.2 PMC. A simulator subsystem or capability considered highly desirable, but not essential, to meet the training objectives is not Installed or is not operating properly. While the event can still be completed, the quality of training is degraded.

2.17.1.3 NMC. The device lacks the capability to complete the event due to a critical subsystem or capability being inoperative or not installed. A simulator will be considered NMC if its configuration is greater than 3 months out of date as compared with the current aircraft/system configuration.

2.17.2 Completion of an event in a PMC simulator shall be noted on the ATF with a description of the impact to training. Commanding Officers shall be notified of all scheduled events in NMC simulators. Each commanding officer should notify DC/Aviation APW-71/APC [Info appropriate MCI/MARCORBASE, CG TECOM ATB and PMA-205(MARFED)] by DMS message (via the applicable chain of command) when NMC simulators due to aircraft configuration changes occur for greater than six months or when in the commanding officer's judgment the NMC rate has had an adverse effect on the squadron's ability to train.

2.17.3 Simulator MESM Application. The matrix below illustrates how the absence of a particular simulator subsystem or capability affects simulator MC status for each training event in this Manual. All simulator events will be completed in a FMC or PMC simulator as determined by the MESM. Completion of an event in a PMC simulator shall be noted on the ATF with a description of the impact to training. Under no circumstances will an event be completed in a device determined to be NMC for that event without the approval of the commanding officer.

FA-18 Simulator Minimum Essential Subsystem Matrix (MESM)		
Failed Subsystem:	**NMC For:**	**PMC For:**
HUD	ALL MISSIONS	
SMS weapons	ALL OTHER	SFAM, SCQ
TACAN	SFAM	ALL OTHER
CIT		SAA, SAAD, SAI, SOAAW
RADAR	SAS, SAA, SCAS, SAAD, SAI, SFAC(A),	SFAM, SNS, SLAT, SSEAD, SCQ
TPOD, LASER, LTD	SAS , SCAS, SAI, SFAC(A),	SNS,
RADALT	SFAM, SAS, SLAT	ALL OTHER
MIDS		SAA, SAAD, SAI, SFAC(A), SOAAW
TARGET VISUALS	SAS, SNS, SLAT, SCAS, SFAC(A)	SFAM
FORM VISUALS	SNS, SLAT, SAA, SAAD, SAI, SFAC(A), SOAAW	ALL OTHER
BOAT VISUALS	SCQ, SAMT	SFAM
NVD VISUALS	SNS	SCAS, SAS
IFLOLS VISUALS	SCQ	SFAM
THREAT AA VIS	SNS, SAA, SAAD, SAI, SOAAW	
THREAT SAM VIS	SAS 2305, SLAT, SSEAD	SAMT, SCAS, SFAC(A)
THREAT AA EA	SAA 2507	SAAD, SAA, SAI, SOAAW
THREAT SA EA	SSEAD	
HARM, CLC, ELINT	SSEAD 3501/3502	
SLAM-ER	SAMT	SAI
JDAM, GPS	SAS 2309, SCAS	SAI, SFAC(A)
JSOW	SSEAD 3501	SSEAD
PAR	SFAM, SCQ	
ACLS, ILS, DL, BCN	SFAM, SCQ	
HQ, SINGARS, KY	SCAS, SFAC(A)	SFAM, SAR
SCS Current Software		ALL MISSIONS
UDF, CY UPDATE	SSEAD 3501/3502	
MOC	SAA, SLAT, SAAD, SAI, SFAC(A), SOAAW	SCAS, SAR
DE-BRIEF Playback		ALL MISSIONS
LINKED SIMS	SNS, SAA, SAAD, SAI, SAR, SFAC(A), SOAAW	SAS, SCAS, SLAT
TAMMAC LOADER	SAS 2301, SSEAD, SAMT	ALL OTHER
EW SUITE...	SAS 2305, SAA, SLAT, SAAD, SSEAD, SAI, SAMT, SOAAW	ALL OTHER

2.17.4 Simulator event briefs shall be identical, both procedurally and in content, to aircraft/system event briefs. The length of the brief should be based upon the mission to be flown/conducted and content to be covered, and should not be forced to fit into the standard simulator briefing period.

2.17.5 If the simulator is not available, simulator periods may be flown in the aircraft or conducted on the system.

2.17.6 Scheduling. The time between a simulator event and the corresponding aircraft/system event should be minimized to the maximum extent possible.