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From: Commandant of the Marine Corps
To: Distribution List

Subj: EXPEDITIONARY AIRFIELD SYSTEMS TECHNICIAN TRAINING AND READINESS MANUAL

Ref: (a) NAVMC 3500.14C

Encl: (1) EAF Systems Technician T&R Manual

1. Purpose. In accordance with reference (a), the Training and Readiness (T&R) Manual, contained in enclosure (1), encompasses revised standards and regulations regarding the training of Expeditionary Airfield (EAF) Systems Technician Marines.

2. Scope. Highlights of major T&R planning considerations included in this EAF Systems Technician T&R Manual are as follows:

a. Format has been updated to comply with reference (a).

b. Mission Essential Tasks have been revised to provide increased granularity in the execution of Core and Mission Skills.

c. The 2000 through 4000 Phases have been restructured to achieve an improved level of training progression.

3. Information. Recommended changes to this manual should be submitted via the syllabus sponsor and the appropriate chain of command to: Commanding General (CG), Training and Education Command (TECOM), Marine Air Ground Task Force Training and Education Standards (MTESD) Division (C 465), Aviation Standards Branch, Quantico, Virginia 22134 using standard Naval correspondence or the Automated Message Handling System plain language address: CG TECOM MTESD.

4. Command. This manual is applicable to the Marine Corps Total Force.

5. Certification. Reviewed and approved this date.

T. M. MURRAY
By direction

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CHAPTER 1

EXPEDITIONARY AIR FIELD/MOS 7011
TRAINING AND READINESS UNIT REQUIREMENTS

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CHAPTER 1

EXPEDITIONARY AIR FIELD (MOS 7011) TRAINING AND READINESS UNIT REQUIREMENTS

1.0 TRAINING AND READINESS REQUIREMENTS. The Marine Aviation Training and Readiness (T&R) Program provides the Marine Air-Ground Task Force (MAGTF) Commander with an Aviation Combat Element (ACE) capable of executing the six functions of Marine Aviation. The T&R Program is the fundamental tool used by commanders to construct, attain, and maintain effective training programs. The standards established in this program are validated by subject matter experts to maximize combat capabilities for assigned METs while conserving resources. These standards describe and define unit capabilities and requirements necessary to maintain proficiency in mission skills and combat leadership. Training events are based on specific requirements and performance standards to ensure a common base of training and depth of combat capability.

1.1 MISSION. Provide MAGTF Commander with flexible capability to rapidly deploy and establish survivable, self sustaining airfields in support of the Aviation Combat Element (ACE). Provide expeditionary airfield operation support functions and services necessary to establish and operate a forward operating base (FOB). Maintain required operational availability of arresting gear, optical landing aids, airfield lighting and marking through preventive and corrective maintenance, testing, calibration, and certifications.

1.2 TABLE OF ORGANIZATION (T/O). Refer to the T/Os listed below for current organizational structure and personnel strength authorized by the Command Staffing Active Enlisted Report; they are managed by Total Force Structure, MCCDC. Information below depicts the EAF T/O information as of the date of this directive.

1.2.1 TABLE OF ORGANIZATION:

EXPEDITIONARY AIR FIELD (MOS 7011)	
MWSS	
7011-- PERSONNEL	
EAF SERVICES CHIEF	1
QUALITY ASSURANCE/ANALYSIS CHIEF	1
QA REP/TRAINING NCO	1
SUPPLY CHIEF	1
RUNWAY SUPERVISOR	1
RECOVERY CREW LEADERS	2
ASST CREWLEADER	2
VLA SPECIALIST	1
LIGHTING AND MARKING NCO	2
LIGHTING AND MARKING TECHNICIANS	4
ENGINE OPERATORS	4
A/C POINT COORDINATORS	2

FLOLS OPERATORS	2
TOOL CONTROL/CAL NCO	1
TOTAL PERSONNEL	25

* Equipment is not reflected for aviation ground communities.

1.3 SIX FUNCTIONS OF MARINE AVIATION

SIX FUNCTIONS OF MARINE AVIATION		
FUNCTION	ABBREVIATION	DESCRIPTION
Offensive Air Support	OAS	OAS involves air operations that are conducted against enemy installations, facilities, and personnel in order to directly assist in the attainment of MAGTF objectives by destroying enemy resources or isolating enemy military forces. Its primary support of the warfighting functions is to provide fires and force protection through CAS and DAS.
Assault Support	ASPT	ASPT contributes to the warfighting functions of maneuver and logistics. Maneuver warfare demands rapid, flexible maneuverability to achieve a decision. Assault support uses aircraft to provide tactical mobility and logistic support to the MAGTF for the movement of high priority personnel and cargo within the immediate area of operations (or the evacuation of personnel and cargo).
Anti-Air Warfare	AAW	AAW is the actions used to destroy or reduce the enemy air and missile threat to an acceptable level The primary purpose of AAW is to gain and maintain whatever degree of air superiority is required; this permits the conduct of operations without prohibitive interference by opposing air and missile forces. AAW's other purpose is force protection.
Electronic Warfare	EW	EW is any military action involving the use of electromagnetic and directed energy to control the electromagnetic spectrum or to attack the enemy. EW supports the warfighting functions of fires, command and control, and intelligence through the three major subdivisions: electronic attack, electronic protection, and electronic warfare support.
Control of Aircraft & Missiles	CoA&M	The control of aircraft and missiles supports the warfighting function of Command and Control. The ACE commander maintains centralized command, while control is decentralized and executed through the Marine Air Command and Control System (MACCS). CoA&M integrates the other five functions of Marine Aviation by providing the commander with the ability to exercise Command and Control authority over Marine Aviation assets.
Aerial Reconnaissance	AerRec	AerRec employs visual observation and/or sensors in aerial vehicles to acquire intelligence information. It supports the intelligence warfighting function and is employed tactically, operationally, and strategically. The three types of air reconnaissance are visual, multi-sensor imagery, and electronic.

1.4 CORE/MISSION/CORE PLUS ABBREVIATIONS. Shading indicates Core Plus Skills.

Expeditionary Airfield MOS 7011	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
EAF	Expeditionary Airfield
ACAD	Academic

ARG	Arresting Gear
AFL	Airfield Lighting
AFS	Airfield Surfaces
MMGT	Maintenance Management
C/L	Crew Leader
PC	Production Control
QA	Quality Assurance
NAMP	Naval Aviation Maintenance Program
DCP	Dual-Mass Dynamic Cone Penetrometer
MCEAGS	Marine Corps Expeditionary Arresting Gear System
FLOLS	Fresnel Lens Optical Landing System
VIDS/MAF	Visual Information Display System/Maintenance Action Form
MIP	Maintenance Index Page
MRC	Maintenance Requirement Card
SOP	Standard Operating Procedures
DTPL	Disbursed Technical Publication Library
TPL	Technical Publication Library
RFI	Ready For Issue
R/W Sup	Runway Supervisor
MISSION SKILL (3000 Phase)	
MO	Maintenance Officer
AMO	Assistant Maintenance Officer
HPRU	High Powered Run-Up Anchor
LEA	Lightweight Earth Anchor
CDI	Collateral Duty Inspector
CDQAR	Collateral Duty Quality Assurance Representative
O&M,N	Operation and Maintenance, Navy
O&M,MC	Operation and Maintenance, Marine Corps
WAA	Work Assignment Agreement
AOM	Airfield Operations Manual
MCPIC	Marine Corps Prepositioned Information Center
OPLAN	Operational Plan
TPFDD	Time Phase Force Deployment Data
TEEP	Training Exercise Employment Plan
SLRP	Survey Liaison and Reconnaissance Party
TBA	Table of Basic Allowance
CORE PLUS (4000 Phase)	
BRAAT	Base Recovery After Attack
MOU	Memorandum of Understanding
MOA	Memorandum of Agreement
DAT	Damage Assessment Team

DART	Damage Assessment Response Team
AES	Airfield Emergency Services
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	Weapons and Tactics Instructor
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
CPR	Cardiopulmonary resuscitation
R/W CLDR	Runway Crewleader

1.5 MISSION ESSENTIAL TASK LIST (METL). The METL is a list of specified tasks a specific unit designed to perform. Core METs are drawn from the Marine Corps Task List (MCTL), are standardized by type unit, and are used for unit readiness. Core Plus METs are additional METs that are theater specific and/or have a low likelihood of occurrence. Core Plus METs may be included in readiness reporting when contained within an Assigned Mission METL. An Assigned Mission METL consists of only the selected METs (drawn from the MCTL, Core, or Core Plus METs) necessary for that Assigned Mission.

The METL consists of Mission Essential Tasks (METs). Shading indicates Core Plus METs.

EXPEDITIONARY AIR FIELD (MOS 7011)		
MISSION ESSENTIAL TASK LIST (METL)		
CORE		
MET	**ABBREVIATION**	**MCT DESCRIPTION**
MCT 4.6.3.14	ARG	PROVIDE AIRCRAFT ARRESTMENT ACTIVITIES
MCT 4.6.3.15	AFL	PROVIDE AIRFIELD/FARP LIGHTING
MCT 4.6.3.16	AFS	PROVIDE AIRFIELD SURFACING
MCT 4.6.3.17	TLZ	CONDUCT TACTICAL LANDING ZONE CERTIFICATION

1.6 MISSION ESSENTIAL TASK (MET) TO SIX FUNCTIONS OF MARINE AVIATION.

EXPEDITIONARY AIR FIELD (MOS 7011)							
MISSION ESSENTIAL TASK LIST (METL)							
CORE							
MET	**ABBREVIATION**	**SIX FUNCTIONS OF MARINE AVIATION**					
		OAS	**ASPT**	**AAW**	**EW**	**CoA&M**	**AerRec**
MCT 4.6.3.14	ARG	-	-	-	-	-	-
MCT 4.6.3.15	AFL	-	-	-	-	-	-
MCT 4.6.3.16	AFS	-	-	-	-	-	-
MCT 4.6.3.17	TLZ	-	-	-	-	-	-

1.7 MISSION ESSENTIAL TASKS (MET) OUTPUT STANDARDS.

EXPEDITIONARY AIR FIELD (MOS 7011)					
CORE MET OUTPUT STANDARDS					
MET	ABBREVIATION	OUTPUT STANDARDS	OUTPUT HOURS (PER DAY SUSTAINED FOR 90 DAYS)		
			MAX HRS PER CREW	HRS PER DAY	TOTAL NUMBER OF CREWS
MCT 4.6.3.14	ARG	Provide aircraft arrestment capability in support of tail-hook equipped aircraft at an airfield. This task includes the installation, certification, operation, and maintenance of the Marine Corps Expeditionary Arresting Gear system, as well as associated Visual Landing Aids (VLA).	12	24	2
MCT 4.6.3.15	AFL	Provide, install, operate, and maintain expeditionary airfield lighting systems across the full spectrum of expeditionary airfield operations, from man-portable lighting employed at tactical FARPS, to hard-wired lighting installed at a main air base.	12	24	2
MCT 4.6.3.16	AFS	Provide, design layout, install and certify NAVAIR approved airfield surfacing systems in support of rotary and fixed-wing airfield operations.	8	24	3
MCT 4.6.3.17	TLZ	Provide pavement assessment/tactical landing zone evaluation services. Detailed evaluation/assessment results are submitted to the Air Force Civil Engineer Support Agency (AFCESA), for validation and inclusion in reports used to confirm suitability of airfields for Air Mobility Command and joint aircraft operations abroad.	12	24	2

1.8 MET TO CORE/MISSION/CORE PLUS SKILL MATRIX. This table provides a pictorial view of the relationship between the Core MCT (Marine Corps Task) and each Core/Mission/Core Plus skill associated with the MCT.

EXPEDITIONARY AIR FIELD (MOS 7011)											
MISSION ESSENTIAL TASK (MET) TO CORE/MISSION/CORE PLUS SKILL MATRIX											
MET	CORE SKILLS 2000 PHASE					MISSION SKILLS 3000 PHASE				CORE PLUS 4000 PHASE	
	ACAD	AFS	AFL	ARG	MMGT	ARG	AFL	AFS	TLZ	BMT	CMT
MCT 4.6.3.14	X			X	X	X				X	X
MCT 4.6.3.15	X		X		X		X			X	X
MCT 4.6.3.16	X	X			X			X		X	X
MCT 4.6.3.17	X	X	X		X				X	X	X

1.9 CORE MODEL MINIMUM REQUIREMENT (CMMR) SKILLS PROFICIENCY REQUIREMENTS. The CMMR is the minimum number of crew members, per crew position, to be trained per stage, MOS and skill.

EXPEDITIONARY AIR FIELD (MOS 7011)	
CORE MODEL MINIMUM REQUIREMENTS (CMMR)	
CORE/MISSION/CORE PLUS SKILLS CREW POSITION PROFICIENCY REQUIREMENTS 7011	
CORE SKILLS (2000 Phase)	
ACAD	20
AFS	4
ARG	10
AFL	4
MMGT	1
MISSION SKILLS (3000 Phase)	
AFS	2
ARG	3
AFL	2
TLZ	2
CORE PLUS SKILLS (4000 Phase)	
BMT	1
CMT	1

1.10 READINESS REPORTING. The paragraphs and tables below delineate the minimum crew qualifications and designations required to contribute to unit readiness. Chapter 7 of the Aviation T&R Program Manual provides additional guidance and a detailed description of readiness reporting using the Defense

Readiness Reporting System—Marine Corps (DRRS-MC) and the Current Readiness program.

1.10.1 Combat Leadership requirements for readiness reporting are per paragraph 1.12.

1.11 INSTRUCTOR DESIGNATIONS (5000 Phase)

EXPEDITIONARY AIR FIELD (MOS 7011)	
INSTRUCTOR DESIGNATIONS (5000 Phase) CMMR	
INSTRUCTOR DESIGNATIONS	MWSS/SECTION
BASIC INSTRUCTOR (BI)	2
SENIOR INSTRUCTOR (SI)	1
WEAPONS AND TACTICS INSTRUCTOR (WTI)	1

1.12 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, DESIGNATIONS (RCQD) (6000 Phase)

EXPEDITIONARY AIR FIELD (MOS 7011)	
REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
EAF	
RCQD	7011
PRODUCTION CONTROL(PC)	1
RUNWAY SUPERVISOR (RW SUP)	1
RUNWAY CREW LEADER (RW CL)	2
COLLATERAL DUTY INSPECTOR (CDI)	2
COLLATERAL DUTY QUALITY ASSURANCE REPRESNETATIVE (CDQAR)	2
COMBAT LEADERSHIP	
TACTICAL LANDING ZONE ASSESMENT (TLZA)	3
EAF SERVICES CHIEF/ASSISTANT MAINTENANCE OFFICE (EAF CHF/AMO)	1
QUALITY ASSURANCE (QA)	1

1.13 EAF (MOS 7011) EXTERNAL SYLLABUS RESOURCE REQUIREMENTS.

RESOURCE REQUIRED	AMOUNT OF RESOURCE REQUIRED/QTR	JUSTIFICATION
TAILHOOK EQUIPPED AIRCRAFT	One per year	ARG-2205, 2210, 2215
150'x150' Level training area	Once per year	AFS-2100, 2105, 2110 ARG-2200 AFL-2300

CHAPTER 2

EXPEDITIONARY AIRFIELD (EAF) SYSTEMS TECHNICIAN
(MOS 7011)

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CHAPTER 2

EXPEDITIONARY AIRFIELD (EAF) SYSTEMS TECHNICIAN (MOS 7011)

2.0 EAF TECHNICIAN (7011) TRAINING AND READINESS REQUIREMENTS. This T&R syllabus is based on specific goals and performance standards designed to ensure individual proficiency in core skills. The goal of this chapter is to develop individual and unit warfighting capabilities. This T&R manual represents the collaborative effort of subject matter experts who designed training standards to maximize the full combat capabilities of the EAF Technician. These standards, intrinsic in the core competency section, describe and define individual capabilities and requirements necessary to attain and maintain proficiency in core skills and combat leadership. Training events are based on specific requirements and performance standards to ensure personnel maintain a common base of training and depth of combat capabilities. Together, the T&R manual comprises a building block approach to ensure that trained EAF Technicians remain ready, relevant, and fully capable of supporting the units' mission.

2.1 TRAINING PROGRESSION MODEL. This EAF Technician training progression model represents training progression for the average (7011) in terms of core skills, qualification and designation attainment (see figure 2-1). Units should use the model as a point of departure to generate individual training plans.

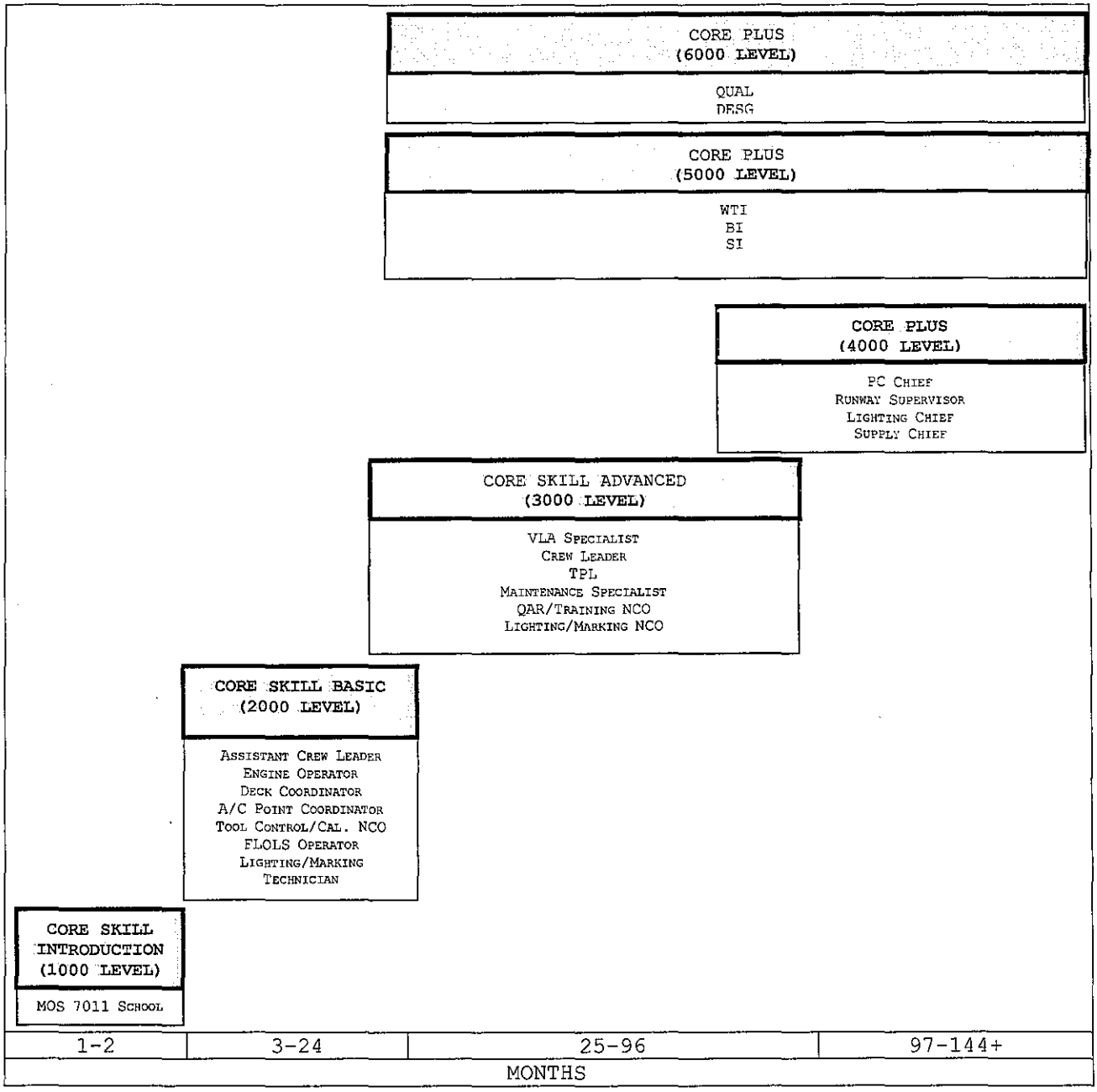

Figure 2-1. EAF Technician Training Progression Model

2.2 ABBREVIATIONS

Expeditionary Airfield MOS 7011	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
EAF	Expeditionary Airfield
ACAD	Academic
ARG	Arresting Gear
AFL	Airfield Lighting
AFS	Airfield Surfaces
MMGT	Maintenance Management
PC	Production Control
NAMP	Naval Aviation Maintenance Program
DCP	Dual-Mass Dynamic Cone Penetrometer
MCEAGS	Marine Corps Expeditionary Arresting Gear System
FLOLS	Fresnel Lens Optical Landing System
VIDS/MAF	Visual Information Display System/Maintenance Action Form
MIP	Maintenance Index Page
MRC	Maintenance Requirement Card
SOP	Standard Operating Procedures
DTPL	Disbursed Technical Publication Library
TPL	Technical Publication Library
MISSION SKILL (3000 Phase)	
MO	Maintenance Officer
AMO	Assistant Maintenance Officer
HPRU	High Powered Run-Up Anchor
LEA	Lightweight Earth Anchor
CDI	Collateral Duty Inspector
CDQAR	Collateral Duty Quality Assurance Representative
O&M,N	Operation and Mainenance, Navy
O&M,MC	Operation and Mainenance, Marine Corps
CORE PLUS (4000 Phase)	
BRAAT	Base Recovery After Attack
DAT	Damage Assessment Team
DART	Damage Assessment Response Team
BMT	Battle Management Training
CMT	Crew Management Training
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR

WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
CPR	Cardiopulmonary resuscitation
R/W CLDR	Runway Crewleader
PC	Production Control
R/W SUP	Runway Supervisor
NAMP	NAMP Indoctrination Training
AVOC	Airfield Vehicle Operators Course
CDI	Collateral Duty Inspector
CDQAR	Collateral Duty Quality Assurance Representative

2.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

2.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

2.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as a foundation for developing proficiency requirements in DRRS-MC.

2.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

2.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

2.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

2.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that skill.

Note

See Chapter 2 of the Aviation Program Manual for amplifying information on POI updating.

EAF MOS 7011					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
CORE SKILL (2000 Phase)					
ACAD	2000				
ACAD	2005				
ACAD	2010R	ACAD	2010R	ACAD	2010R
ACAD	2015R	ACAD	2015R	ACAD	2015R
ACAD	2020R	ACAD	2020R	ACAD	2020R
ACAD	2025R	ACAD	2025R	ACAD	2025R
ACAD	2030R	ACAD	2030R	ACAD	2030R
ACAD	2035R	ACAD	2035R	ACAD	2035R
ACAD	2040R	ACAD	2040R	ACAD	2040R
ACAD	2045R	ACAD	2045R	ACAD	2045R
ACAD	2050R	ACAD	2050R	ACAD	2050R
ACAD	2055R	ACAD	2055R	ACAD	2055R
ACAD	2060R	ACAD	2060R	ACAD	2060R
ACAD	2065R	ACAD	2065R	ACAD	2065R

ACAD	2070R	ACAD	2070R	ACAD	2070R
ACAD	2075R	ACAD	2075R	ACAD	2075R
ACAD	2080R	ACAD	2080R	ACAD	2080R
ACAD	2085R	ACAD	2085R	ACAD	2085R
AFS	2100				
AFS	2105				
AFS	2110				
ARG	2200R	ARG	2200R	ARG	2200R
ARG	2202R	ARG	2202R	ARG	2202R
ARG	2204R	ARG	2204R	ARG	2204R
ARG	2206R	ARG	2206R	ARG	2206R
ARG	2208R	ARG	2208R	ARG	2208R
ARG	2210R	ARG	2210R	ARG	2210R
ARG	2212R	ARG	2212R	ARG	2212R
ARG	2214R	ARG	2214R	ARG	2214R
ARG	2216R	ARG	2216R	ARG	2216R
ARG	2218R	ARG	2218R	ARG	2218R
ARG	2220				
ARG	2222R	ARG	2222R	ARG	2222R
ARG	2224R	ARG	2224R	ARG	2224R
ARG	2226R	ARG	2226R	ARG	2226R
ARG	2228R	ARG	2228R	ARG	2228R
ARG	2230R	ARG	2230R	ARG	2230R
ARG	2232R	ARG	2232R	ARG	2232R
ARG	2234R	ARG	2234R	ARG	2234R
ARG	2236R	ARG	2236R	ARG	2236R
ARG	2238R	ARG	2238R	ARG	2238R
ARG	2240R	ARG	2240R	ARG	2240R
ARG	2242R	ARG	2242R	ARG	2242R
ARG	2244R	ARG	2244R	ARG	2244R
AFL	2300				
AFL	2305				
MMGT	2400				
MMGT	2405				
MMGT	2410				

MISSION SKILL (3000 Phase)					
STAGE	**CODE**	**STAGE**	**CODE**	**STAGE**	**CODE**
AFS	AFS-3100	AFS		AFS	
	AFS-3105				
	AFS-3110				
	AFS-3115				
	AFS-3120				

	AFS-3125				
	MMGT-3400				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
ARG	ARG-3200R	ARG	ARG-3200R	ARG	ARG-3200R
	ARG-3205				
	ARG-3210R		ARG-3210R		ARG-3210R
	ARG-3215				
	ARG-3220				
	ARG-3225				
	ARG-3230				
	MMGT-3400				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
AFL	AFL-3300	AFL		AFL	
	AFL-3305				
	AFL-3310				
	AFL-3315				
	AFL-3320				
	AFL-3325				
	MMGT-3400				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
TLZ	AFS-3100	TLZ		TLZ	
	AFS-3105				
	AFS-3110				
	AFS-3115				
	AFS-3120				
	AFS-3125				
	ARG-3200R		ARG-3200R		ARG-3200R
	ARG-3205				
	ARG-3210R		ARG-3210R		ARG-3210R
	ARG-3215				
	ARG-3220				
	ARG-3225				
	ARG-3230				

	AFL-3300				
	AFL-3305				
	AFL-3310				
	AFL-3315				
	AFL-3320				
	AFL-3325				
	MMGT-3400				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
CORE PLUS (4000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
BMT	4000				
CMT	4100				
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GRAY HIGHLIGH = R-CODED "REFRESHER" EVENT					

2.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications, and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

2.5.1 Instructor Designations

EAF (MOS 7011) INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6320
WEAPONS AND TACTICS INSTRUCTOR (WTI)	SCHL 6000

2.5.2 Requirements, Certifications, Qualifications, and Designations

EAF MOS 7011	
REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
TRACKING CODE FOR HMMWV LICENSE QUAL	MARINENET 3203AO, 3504AO, 3505AO, 3506AO, 3507AO, 3508AO
TRACKING CODE FOR PRODUCTION CONTROL (PC) QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2220, 2240, 2400, 2410, 3105, 3110, 3300, 3315, 3325, 3210, 3215, 3225, 3400, 3405, 3410, 6530

TRACKING CODE FOR RUNWAY SUPERVISOR (R/W SUP) QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 2410, 3105, 3110, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3400, 3405, 3410, 6530
TRACKING CODE FOR RUNWAY CREW LEADER (R/W CLDR) QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530
Tracking code for Collateral Duty Inspector (CDI). QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530
Tracking code for Collateral Duty Quality Assurance Representative (CDQAR) QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520, 6530
Tracking code for Quality Assurance (QA) QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520
TRACKING CODE FOR PRODUCTION CONTROL (PC) DESG	6015, 6550
TRACKING CODE FOR RUNWAY SUPERVISOR (R/W SUP) DESG	6020, 6555
TRACKING CODE FOR RUNWAY CREW LEADER (R/W CLDR) DESG	6025, 6560
Tracking code for Collateral Duty Inspector (CDI). DESG	6520, 6565
Tracking code for Collateral Duty Quality Assurance Representative (CDQAR) DESG	6525, 6570
COMPLETE CPR ANNUAL TRAINING CERT	6600
COMPLETE AVOC TRAINING CERT	6605
NAMP INDOCTRNATION TRAINING CERT	6610

2.6 7011 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

2.6.1 Basic POI

EAF MOS 7011 BASIC POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
1-8	CORE SKILL INTRODUCTION TRAINING	NAS Pensacola, FL
9-104	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

2.6.2 Refresher POI

EAF MOS 7011 REFRESHER POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

2.7 SYLLABUS NOTES.

2.7.1 Environmental Conditions Matrix.

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness - If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness - If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness - Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness - If conducted during hours of darkness; must be flown with Night Vision Devices
Note - If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

2.7.2 Device Matrix.

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training

LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note - If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

2.7.3 Program of Instruction Matrix.

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	**Symbol**	**Aviation Ground**
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CPP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

2.7.4 Event Terms.

EVENT TERMS	
TERM	**DESCRIPTION**
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.

E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

2.8 CORE SKILL INTRODUCTION PHASE (1000)

2.8.1 Purpose. The purpose of the 1000 level syllabus (entry-level) is to provide instruction of shore-based and expeditionary arresting gear, Naval Aviation Maintenance Program, EAF communication systems and the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. This phase is achieved upon completion of the Marine Expeditionary Airfield Equipment Course. Graduates are trained in EAF operations and are awarded the MOS 7011.

2.8.2 General

2.8.2.1 Prerequisite. IAW MCO 1200.17 (MOS Manual)

2.8.2.2 Admin Notes. Marine Expeditionary Airfield Equipment Course, Class M-1 (OSCN: C-604-2015B, CID: N2370D2) at Naval Air Technical Training Center (NATTC), Pensacola, FL.

2.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
2.8.3	Familiarization (FAM)
2.8.4	System (SYS)

2.8.3 Familiarization (FAM) Stage

2.8.3.1 Purpose. Provide initial introduction to the Naval Aviation Maintenance Program.

2.8.3.2 General

Prerequisite. None

Admin Notes. Accomplished through classroom instruction and performance labs.

FAM-1000 21.0 * B E G

Goal. Familiarize the student with Naval Aviation Maintenance Program (NAMP) functions.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) Safety/Hazardous Material Program.
(2) Expeditionary Airfield Configurations.
(3) Naval Aviation Maintenance Program.
(4) Planned Maintenance System.
(5) Record Maintenance Actions.
(6) Tool Control Program.

Performance Standard. Pass a written evaluation with a minimum of 70% accuracy.

Reference. COMNAVAIRINST 4790.2.

2.8.3 System (SYS) Stage

2.8.3.1 Purpose. Provide introductory classroom and laboratory instruction on communication systems, expeditionary airfield surfaces, shore based and expeditionary arresting gear, expeditionary airfield lighting systems, and embarkation of expeditionary airfield equipment.

2.8.3.2 General

Prerequisite. Complete FAM-1000

Admin Notes. Accomplished through classroom instruction and performance labs.

SYS-1005 9.0 * B E G

Goal. Utilize and maintain EAF communication systems.

Requirement. With the aid of reference, conduct the following as it applies to the EAF communications system:

(1) Describe the characteristics.
(2) Explain the functions.
(3) Operate the comm. System.
(4) Maintain the comm. system.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy.

Prerequisite. FAM-1000.

Reference.
(1) Radio manual.
(2) Local SOP.

SYS-1010 61.0 * B E G

Goal. Utilize Expeditionary Airfield Surfaces.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) F-70 Tool Kit.
(2) Expeditionary Airfield Anchoring Devices.
(3) Installation of Expeditionary Airfield Surfaces.

(4) Maintain Expeditionary Surfaces.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy.

Prerequisite. FAM-1000, SYS-1005.

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE MISC-48J200-0010.
(3) NAWCADLKE MISC-48J200-0011.

SYS-1015 113.0 * B E G

Goal. Utilize Arresting Gear.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) F-58 Mechanical Workshop.
(2) Introduction to Arresting Gear.
(3) Introduction/Operation of E-28 Shore-based Emergency Arresting Gear.
(4) Maintain E-28 Shore-based Emergency Arresting Gear.
(5) Installation/Operation of the M-31 Expeditionary Arresting Gear.
(6) Maintain M-31 Arresting Gear.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, and SYS-1010.

References.
(1) MRC 51-5FAA-2.
(2) MRC 51-5FAA-3.
(3) NAWCADLKE 48J200-0070.
(4) NAVAIR 51-5-31.

SYS-1020 79.0 * B E G

Goal. Utilize Expeditionary Airfield Lighting Systems.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) Installation/Operation of Man-portable VIPR, Daytime Panel Markers, and L-123 Day Time Vertical Landing Aids and Wind indicator.
(2) Installation/operation of Minimum Operating Strip Lighting System.
(3) Installation/operation of Fresnel Lens Optical Landing System.
(4) Installation/Operation of Expeditionary Airfield Hardwire Lighting.
(5) Expeditionary Airfield Lighting Maintenance.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, SYS-1010, and SYS-1015.

References.
(1) AFI 13-217.
(2) MRC 4922/RF8-61.
(3) MRC 51-50ABA-16-1.
(4) MRC 51-50ABA-16-2.
(5) NAVAIR 51-40ABA-14.
(6) NAVAIR 51-40ABA-18.
(7) NAVAIR 51-40ABA-7.
(8) NAVAIR 51-40ABA-7.1.
(9) NAVAIR-51-40ABA-2.
(10) NAVAIR-51-50ABA-16.
(11) NAWADLKE MISC-48J200-0012.
(12) NAWADLKE MISC-48J200-0020.
(13) NAWADLKE MISC-49J200-0048.
(14) NAWADLKE MISC-49J200-0063.
(15) NAWCADLKE NAEC-ENG-7390.

SYS-1025 27.0 * B E G

Goal. Embarkation of Expeditionary Airfield Equipment.

Requirement. With the aid of reference embark the following equipment per the references:

(1) Embark expeditionary arresting gear and associated components.
(2) Embark airfield surfaces and associated components.
(3) Embark airfield lighting and associated components.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, SYS-1010, SYS-1015, SYS-1020.

References.
(1) NAVAIR 51-40ABA-14.
(2) NAVAIR 51-40ABA-18.
(3) NAVAIR 51-40ABA-7.
(4) NAVAIR 51-40ABA-7.1.
(5) NAVAIR-51-40ABA-2.
(6) NAVAIR-51-50ABA-16.
(7) NAWADLKE MISC-49J200-0063.
(8) NAVAIR 51-5-31.
(9) NAVAIR 51-5FAA-1.

2.9 CORE SKILL BASIC PHASE (2000)

2.9.1 Purpose. The purpose of the 2000 level syllabus (skill basic training) is to provide proficiency in the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. Upon completion of this training the EAF technician will be able to install, operate, maintain, and embark EAF equipment in support of fixed/rotary wing aircraft operations.

2.9.2 General

2.9.2.1 Prerequisite Complete the 1000 level syllabus.

2.9.2.2 Admin Notes Accomplished through class instruction and/or OJT.

2.9.2.3 Stages

PAR NO.	STAGE NAME
2.9.3	Academic (ACAD)
2.9.4	Airfield Surfaces (AFS)
2.9.5	Aircraft Arresting Gear (ARG)
2.9.6	Airfield Lighting (AFL)
2.9.7	Maintenance Management (MMGT)

2.9.3 ACADEMIC (ACAD)

2.9.3.1 Purpose. The purpose of academic training is to complete safety training as outlined in the COMNAVAIRFORINST 4790.2 in addition to familiarization of the F-83 and L-204 packages via computer based training.

2.9.3.2 General

Prerequisite. NONE

Admin Notes. CBT oriented training is available through www.marinenet.usmc.mil.

ACAD-2000 1.0 * B E G

Goal. Complete Dual-Mass Dynamic Cone Penetrometer (DCP) Computer Based Training (CBT)

Requirement. Utilizing MarineNet (www.marinenet.usmc.mil) enroll and complete DCP CBT.

Performance Standards. Provide successful completion documentation.

ACAD-2005 1.5 * B E G

Goal. Complete EAF Man Portable Lighting (L-204) CBT.

Requirement. Utilizing MarineNet (www.marinenet.usmc.mil) enroll and complete the L-204 CBT.

Performance Standards. Provide successful completion documentation.

ACAD-2010 0.5 365 B,R,M G

Goal. NAVOSH Program Training

Requirement. Receive training on the Navy Occupational Safety and Health Program.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2015 0.5 365 B,R,M G

Goal. Identify NAVOSH program Key Personnel

Requirement. Receive training on the Navy Occupational Safety and Health Program.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2020 0.5 365 B,R,M G

Goal. Complete NAVOSH Mishap Reporting training

Requirement. Receive training on the Navy Occupational Safety and Health Mishap Reporting.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2025 0.5 365 B,R,M G

Goal. Complete NAVOSH HAZARD Identification training

Requirement. Receive training on Navy Occupational Safety and Health HAZARD Identification.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2030 0.5 365 B,R,M G

Goal. Complete Safety Precautions and Standards training

Requirement. Receive training on Safety Precautions and Standards.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2035 0.5 365 B,R,M G

Goal. Complete First Aid and Survival Training.

Requirement. Receive training on First Aid and Survival.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2040 0.5 365 B,R,M G

Goal. Complete Mishap Prevention training

Requirement. Receive training on Mishap Prevention.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2045 0.5 365 B,R,M G

Goal. Complete Back Injury Prevention training

Requirement. Receive training on Back Injury Prevention.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2050 0.5 365 B,R,M G

Goal. Complete Hearing Conservation training

Requirement. Receive training on Hearing Conservation.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2055 0.5 365 B,R,M G

Goal. Complete Sight Conservation training

Requirement. Receive training on Sight Conservation.

Performance Standard. Provide successful completion documentation.

Instructor. BI, SI

References.

(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2060 0.5 90 B,R,M G

Goal. Complete First Aid training

Requirement. Receive training on First Aid to include but not limited to heat injuries, cuts, splinting, and minor abrasions.

Performance Standard. Marine shall complete training on First Aid

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2065 0.5 365 B,R,M G

Goal. Complete Fire Prevention/Equipment training

Requirement. Receive training on Fire Prevention/Equipment.

Performance Standard. Marine shall complete training on Fire Prevention/Equipment

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2070 0.5 365 B,R,M G

Goal. Complete Radio Frequency Radiation training

Requirement. Receive training on Radio Frequency Radiation.

Performance Standard. Marine shall complete training on Radio Frequency Radiation

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2075 0.5 90 B,R,M G

Goal. Complete Battery Safety training

Requirement. Receive training on Battery Safety.

Performance Standard. Marine shall complete training on Battery Safety

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2080 0.5 365 B,R,M G

Goal. Complete Hazard Communication training

Requirement. Receive training on Hazard Communication.

Performance Standard. Marine shall complete training on Hazard Communication

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2085 0.5 365 B,R,M G

Goal. Complete Hazard Communication OJT training

Requirement. Receive training on Hazard Communication OJT.

Performance Standard. Marine shall complete training on Hazard Communication OJT

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

2.9.4 Airfield Surfaces (AFS)

2.9.4.1 Purpose. To develop proficiency in the installation and maintenance of airfield surfaces. Upon completion of this training, the EAF Technician will be able to maintain EAF surfaces in support of fixed/rotary wing aircraft operations.

2.9.4.2 General

Prerequisite. NONE

Admin Notes. Accomplished through classroom instruction and/or OJT.

AFS-2100 15.0 * B L

Goal. Install AM-2 matting and accessories.

Requirement. Given AM2 matting and accessories, suitable location and applicable technical publications, build at a minimum a 96'x96' VTOL pad.

Performance Standard. Meet all standards required for certification IAW NAWCADLKE 48J200-11

Instructor. BI, SI

Prerequisite. NONE

References.
(1) NAVAIR 51-60A-1.
(2) NAVAIRINST 13800.12_
(3) NAWCADLKE-MISC-48J200-0011.

AFS-2105 0.5 * B L

Goal. Perform a maintenance inspection on AM-2 matting installation.

Requirement. Follow the local MRC, ensure proper maintenance is completed.

Performance Standard. Given the reference, ensure all certification criteria is met.

Instructor. BI, SI

Prerequisite. NONE

Reference.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) NAWCADLKE-MISC-48J200-0021.
(4) NAWCADLKE-MISC-48J200-0029.
(5) Local MRC(s).

AFS-2110 2.0 * B L/S

Goal. Determine the California Bearing Ratio (CBR) of a given location.

Requirement. While utilizing a Dual Mass Dynamic Cone Penetrometer (DCP) (F-83) conduct testing in a given area and report the CBR.

Performance Standard. Accurately report the CBR of the given area.

Prerequisite. ACAD-2000 (DCP CBT)

Instructor. BI, SI

Prerequisite. 2000

Reference.
(1) NAWCADLKE-MISC-48J200-0043.

2.9.5 Arresting Gear (ARG)

2.9.5.1 Purpose. Upon completion of this training, the Expeditionary Airfield Services Technician will be proficient in the installation, operation, maintenance and embarkation of the MCEAGS in support of aircraft operations.

2.9.5.2 General

Prerequisite. Complete the 1000 level syllabus.

Admin Notes. Accomplished through class instruction and/or OJT.

ARG-2200 8.0 730 B,R,M L

Goal. Install MCEAGS.

Requirement. Given a CBR, site location and applicable technical publications, install the MCEAGS.

Performance Standard. Successfully install the MCEAGS and pass a Certification Inspection.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-1
(2) NAVAIR 51-5FAA-2
(3) NAVAIR 51-5FAA-3

ARG 2202 1.0 365 B,R,M S/L

Goal. Conduct Aircraft Arrestment as an Engine Operator

Requirement. Conduct arrestment operations at the Engine Operator position:

(1) Prepare engine for retract.

(2) Execute commands from the Deck Coordinator.

(3) During retract, observe tape for wear.

(4) Perform the During Operation Application portion of the Preoperational Checklist.

Performance standard. Successfully conduct arrestment procedures.

Prerequisite. ARG 2220

Instructor. BI, SI

References.

(1) NAVAIR 00-80T-115
(2) NAVAIR 51-5FAA-1
(3) NAVAIR 51-5FAA-3

ARG 2204 1.0 365 B,R,M S/L

Goal. Conduct Aircraft Arrestment as point/plane director

Requirement. Conduct arrestment operations at the point/plane director position:

(1) Safely demonstrate proper hand and arm signals.
(2) Record roll out distance and aircraft MODEX.
(3) Properly demonstrate procedures to remove aircraft tail hook from deck pendant.

Performance standard. Successfully conduct arrestment procedures at the point/plane director position

Instructor. BI, SI

References.

(1) NAVAIR 00-80T-115
(2) NAVAIR 51-5FAA-1

ARG 2206 1.0 365 B,R,M S/L

Goal. Conduct Aircraft Arrestment as a Deck Coordinator

Requirement. Conduct arrestment operations at the Deck Coordinator position:

(1) Receive and record pre-arrestment information: Type of aircraft, nature of arrestment, Landing Weight and Speed, hung or unexploded ordinance.
(2) Communicate with other positions via proper hand and arm signals to retract and prepare MCEAGS for next arrestment.
(3) Conduct post arrestment inspection.
(4) Document arrestment in official crew logbook and Engagement Report

Performance standard. Successfully conduct arrestment procedures at the deck coordinator position

Instructor. BI, SI

References.

(1) NAVAIR 00-80T-115
(2) NAVAIR 51-5FAA-1

ARG 2208 1.0 365 B,R,M S/L

Goal. Conduct Preoperational inspection

Requirement. Conduct a pre-operational, during operation, and post operational inspection utilizing the preoperational checklist.

Performance standard. Given references, successfully complete all steps within the preoperational check list.

Instructor. BI, SI

References.

(1) NAVAIR 00-80T-115
(2) NAVAIR 51-5FAA-1
(3) NAVAIR 51-5FAA-3

ARG 2210 1.0 365 B,R,M L

Goal. Conduct 30-Day Maintenance

Requirement. Complete all maintenance steps outlined in NAVAIR 51-5FAA-2.

Performance standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-2

ARG 2212 1.0 365 B,R,M L

Goal. Conduct 91-Day Maintenance

Requirement. Complete all maintenance steps outlined in NAVAIR 51-5FAA-2.

Performance standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-2

ARG 2214 1.0 365 B,R,M L

Goal. Conduct 182-Day Maintenance

Requirement. Complete all maintenance steps outlined in NAVAIR 5FAA-2.

Performance standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-2

ARG 2216 1.0 365 B,R,M L

Goal. Conduct 364-Day Maintenance

Requirement. Complete all maintenance steps outlined in NAVAIR 51-5FAA-2

Performance standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-2

ARG 2218 1.0 728 B,R,M S/L

Goal. Conduct 728-Day Maintenance

Requirement. Complete all maintenance steps outlined in NAVAIR 51-5FAA-2.

Performance standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-2

ARG 2220 1.0 * B L

Goal. EMBARK/STORE MCEAGS

Requirement. Prepare MCEAGS for:

(1) EMBARKATION
(2) Short-term storage
(3) Long-term storage

Performance standard. Successfully prepare MCEAGS for embarkation and storage.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-1

ARG-2222 1.0 365 B,R,M L

Goal. Inspect and Lubricate Arresting Gear.

Requirements. Complete all maintenance steps outlined in MRC A0 785K.

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 785K

ARG-2224 1.0 365 B,R,M L

Goal. Inspect Tapes

Requirements. Complete all maintenance steps outlined in MRC A0 787K N

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 787K N

ARG-2226 1.0 365 B,R,M L

Goal. Clean and inspect Spark Plugs and Inspect Pretension Warning System Limit Switch

Requirements. Complete all maintenance steps outlined in MRC A0 788K Y

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 788K Y

ARG-2228 0.5 365 B,R,M L

Goal. Clean System Cooling Strainer

Requirements. Complete all maintenance steps outlined in MRC A0 789K N

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 788K Y

ARG-2230 0.5 365 B,R,M L

Goal. Replace Engine Oil and Filter

Requirements. Complete all maintenance steps outlined in MRC A0 786K Y

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 786K Y

ARG-2232 6.0 365 B,R,M L

Goal. Clean and Inspect and Lubricate Deflector/Runway Edge Sheaves

Requirements. Complete all maintenance steps outlined in MRC A0 790K Y

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 790K Y

ARG-2234 1.0 365 B,R,M L

Goal. Remove Fluid Sample for Analysis

Requirements. Complete all maintenance steps outlined in MRC 11 793K Y

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC 11 793K Y

ARG-2236 0.4 365 B,R,M L

Goal. Conduct Pre-Operational Inspection.

Requirements. Complete all maintenance steps outlined in MRC 11 791K N

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC 11 791K Y

ARG-2238 0.2 365 B,R,M L

Goal. Conduct Post Arrestment Inspection.

Requirements. Complete all maintenance steps outlined in MRC A0 792K N

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 792K N

ARG-2240 0.2 365 B,R,M L

Goal. Inspect Cross Deck Pendant.

Requirements. Complete all maintenance steps outlined in MRC 11 1VZ2 N

Performance Standard. Successfully complete scheduled maintenance procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC 11 1VZ2 N

ARG-2242 1.0 365 B,R,M S/L

Goal. Arrestment procedures for Engine operator.

Requirements.

(1) Unplug Pre-tension Warning System plug.
(2) Ensure Cam lever is in the armed position.
(3) Ensure both engines are operable.
(4) After arrestment pull out excess purchase tape back lash from tape drum.
(5) Return cam lever to the armed position.
(6) Slowly retract until arrester engine locks into place.
(7) Await and perform instruction from deck coordinator.
(8) Conduct post arrestment procedures IAW MRC A0 792K N

Performance Standard. Successfully complete Arrestment procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC A0 792K N

ARG-2244 1.0 365 B,R,M S/L

Goal. Arrestment procedures for Deck Coordinator.

Requirements.

(1) Receive and record pre-arrestment information: Type of aircraft, nature of arrestment, Landing Weight and Speed, hung or unexploded ordinance.
(2) Communicate with other positions via proper hand and arm signals to retract and prepare E-28 for next arrestment.
(3) Conduct Deck pendant inspection IAW MRC 11 1VZ2 N.
(4) Document arrestment in official crew logbook and Engagement Report.

Performance Standard. Successfully complete Arrestment procedures.

Instructor. BI, SI

References
(1) NAVAIR 50-5-31
(2) SYSCOM MIP 5861/R28-11
(3) MRC 11 1VZ2 N

2.9.6 Airfield Lighting (AFL)

2.9.6.1 Purpose. To develop proficiency in the installation and maintenance of airfield lighting. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to maintain EAF lighting in support of fixed/rotary wing aircraft operations.

2.9.6.2 General

Prerequisite. NONE.

Admin Notes. Accomplished through class instruction and/or OJT.

AFL-2300 2.0 * B L

Goal. Install EAF lighting/marking components.

Requirement. Given a lighting/marking design plan, aircraft surface, required lighting and marking equipment, as well as applicable references, install expeditionary lighting assets and properly mark an aircraft operating surface.

Performance Standard. Meet all NAVAIR certification requirements.

Instructor. BI, SI

Reference.

(1) NAVAIR 51-40ABA-7.
(2) NAWCADLKE-MISC-48J200-0012.
(3) NAWCADLKE-MISC-48J200-0020.
(4) NAWCADLKE-MISC-49J200-0048.
(5) NAWCADLKE-MISC-49J200-0063.

AFL-2305 2.5 * B L

Goal. Maintain and inspect airfield lighting and markings.

Requirement. Identify and correct discrepancies and annotate them on a VIDS/MAF.

Performance Standard. Given an expeditionary airfield surface, required MRC and installed lighting and marking equipment:

1. Conduct daily check and functional inspection.
2. Identify discrepancies.

3. Perform necessary corrective maintenance.
4. Document maintenance conducted utilizing VIDS/MAF.

Instructor. BI, SI

Reference.

(1) MIP/MRC.
(2) NAVAIR 51-40ABA-14.
(3) NAEC-ENG-7390.

2.9.7 Maintenance Management (MMGT)

2.9.7.1 Purpose. To develop proficiency as a Maintenance Manager for an EAF section. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to complete a VIDS/MAF, monthly OPTAR and perform the duties of a Technical Publication Librarian (TPL).

2.9.7.2 General

Prerequisite. Complete 1000 level syllabus.

Admin Notes. Accomplished through class instruction and/or OJT.

MMGT-2400 0.5 * B S/L

Goal. Complete a VIDS/MAF form.

Requirement. Given a maintenance action, initiate and complete VIDS/MAF.

Performance Standard. Correctly complete VIDS/MAF to the standards outlined in the NAMP.

Instructor. BI, SI

References.

(1) COMNAVAIRFORINST 4790.2.
(2) NAVAIR A5-120AA-WUC-800.

MMGT 2405 1.0 * B S/L

Goal. Complete Monthly OPTAR

Requirement. Demonstrate the knowledge to complete and submit the monthly OPTAR

Performance standard. Successfully complete and submit the monthly OPTAR.

(1) Review current report
(2) Make necessary changes
(3) Review for accuracy
(4) Submit via correct reporting chain

Instructor. BI, SI

References.

(1) DTG 102042Z Mar 11 EAF Operations Maintenance funding reports and use policy.

MMGT-2410 1.0 * B L

Goal. Perform the duties of a Technical Publication Librarian (TPL).

Requirement. Perform the following tasks:

(1) Identify required references.
(2) Update and incorporate required changes to publications.
(3) Audit and track Disbursed Technical Publication Library (DTPL).

Performance Standard. Manage and maintain a Technical Publication Library.

Instructor. BI, SI

References.

(1) COMNAVAIRFORINST 4790.2.
(2) NAVAIR 00 25 100.

2.10 MISSION SKILL PHASE (3000)

2.10.1 Purpose. The purpose of the 3000 level syllabus (Mission Skill Training) is to apply advanced management skills in the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. Individual core skills are learned and mastered using live or simulated aircraft operations.

2.10.2 General

2.10.2.1 Prerequisite Complete 1000 and 2000 level syllabus.

2.10.2.2 Admin Notes Accomplished through class instruction and/or OJT.

2.10.2.3 Stages

PAR NO.	STAGE NAME
2.10.3	Airfield Surfaces (AFS)
2.10.4	Aircraft Arresting Gear (ARG)
2.10.5	Airfield Lighting (AFL)
2.10.6	Maintenance Management (MMGT)

2.10.3 Airfield Surfaces (AFS)

2.10.3.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of airfield surfaces. Upon completion of this

training, the EAF Technician will be able to maintain advanced EAF surfaces in support of fixed/rotary wing aircraft operations.

2.10.3.2 General

Prerequisite. NONE

Admin Notes. Accomplished through class instruction and/or OJT.

AFS-3100	2.0	*	B	L

Goal. Conduct site survey and develop course of action for an expeditionary landing surface.

Requirement. Given a mission, geographical location and applicable references perform the following:

(1) Determine the overall airfield dimensions.
(2) Identify obstructions and available area.
(3) Conduct and collect data from CBR testing.
(4) Collect ground slope data.
(5) Identify climatology and historical wind data for given area.
(6) Identify locations of existing underground utilities.
(7) Identify potential flood zones/low lying areas.

Performance Standard. Develop a feasible course of action based on information collected during site survey in accordance with the references.

Instructor. SI, WTI

References
(1) MCWP 3-21.1 APPX E.

AFS-3105	10.0	*	B	L

Goal. Coordinate the installation of AM-2 matting and accessories.

Requirement. Given an approved airfield/VTOL drawing, expeditionary airfield assets and applicable references ensure AM-2 matting and accessories are installed, marked and anchored.

Performance Standard. Provide the Maintenance/Asst. Maintenance Officer the NAVAIR certification inspection checklist for review.

Prerequisite. AFS-2100

Instructor. SI, WTI

References.
(1) NAVAIRINST 13800.12_.
(2) NAVAIR 51-60A-1.
(3) NAWCADLKE-MISC-48J200-0021.
(4) NAWCADLKE-MISC-48J200-0011.
(5) NAWCADLKE-MISC-48J200-0010.

AFS-3110	5.0	*	B	L

Goal. Coordinate the removal, repackaging and transportation of AM-2 matting and accessories.

Requirement. Given an expeditionary AM2 landing surface and applicable references, coordinate the removal, packaging, transportation on AM2 and accessories.

Performance Standard. Ensure AM-2 mat packs and nonstandard packages are 100% complete per the references.

Prerequisite. NONE

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) SRVC CHNG 72.

AFS-3115 0.5 * B L

Goal. Supervise maintenance inspection of AM-2 matting and accessories.

Requirement. Ensure maintenance inspection checklist is performed in accordance with the Local Maintenance Requirement Cards (MRCs).

Performance Standard. Complete VIDS/MAF with required signatures per the references.

Prerequisite. MMGT-2400.

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0029.
(3) SRVC CHNG 72.

AFS-3120 2.0 * B S/L

Goal. Coordinate logistical support for installation and maintenance of EAF equipment.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference. Local SOP.

AFS-3125 48.0 * B L

Goal. Install a High Power Run-up (HPRU).

Requirement. Per the reference, and given a location perform the following:

(1) Determine type of installation.
(2) Select all applicable packages for HPRU.
(3) Ensure inspection of F-57 is complete prior to installation.
(4) Request applicable ordnance.
(5) Install LEA-20 and perform pull test IAW the reference.

Performance Standard. Complete or demonstrate to the MO/AMO all requirements outlined in the references.

Instructor. SI, WTI

Ordnance.
(1) M130 Blasting cap.
(2) MD58.

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) NAVSEA-OP3565.

2.10.4 Arresting Gear (ARG)

2.10.4.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of arresting gear. Upon completion of this training, the EAF Technician will be able to maintain EAF arresting gear in support of fixed wing aircraft operations.

2.10.4.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT.

ARG-3200 4.0 730 B,R,M L

Goal. Supervise an MCEAG installation.

Requirement. Supervise EAF technicians installing MCEAG.

Performance Standard. Ensure installation of MCEAG is conducted IAW the references and certification criteria is met.

Instructor. SI, WTI

References.
(1) NAVAIR-51-5FAA-1.
(2) NAVAIR-51-5FAA-2.
(3) NAVAIR-51-5FAA-3.
(4) NAWCADLKE-MISC-48J200-0070.
(5) NAVINST 13800.12_.

ARG-3205 2.0 * B L

Goal. Coordinate a MCEAG arrestment operation.

Requirement. Ensure Runway Crew performs pre-operational inspection, conduct arrestment procedures and perform post-operational inspections.

Performance Standard. Ensure supervision of arrestment are conducted IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-5FAA-1.
(2) NAVAIR 51-5FAA-3.
(3) NAVAIR 00-80T-113.

ARG-3210 4.0 730 B,R,M L

Goal. Coordinate MCEAG maintenance.

Requirement. Ensure Runway Crew performs maintenance on MCEAG and make adjustments as needed.

Performance Standard. Perform requirements IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR-51-5FAA-1.
(2) NAVAIR 51-5FAA-2.

ARG-3215 3.0 * B L

Goal. Inspect MCEAG packages for shipment.

Requirement. Ensure MCEAG systems and accessories are packaged and ready for embarkation.

Performance Standard. Perform requirements IAW the reference.

Instructor. SI, WTI

Reference.
(1) NAVAIR-51-5FAA-1.
(2) NAVAIR-51-5FAA-2.

ARG-3220 24.0 * B L

Goal. Perform duties of the Runway Crew Leader.

Requirement. Ensure the following are met:

(1) Employ, operate, and maintain EAF equipment IAW applicable references.
(2) Supervise and train Runway Crew personnel in the daily EAF operational functions.

Performance Standard. Perform requirements IAW applicable EAF equipment references and local SOP.

Instructor. SI, WTI

References.
(1) NAVAIR-51-5FAA-1.
(2) COMNAVAFINST 4790.2_.
(3) Local SOP.

ARG-3225 1.0 * B L

Goal. Coordinate the scheduled and un-scheduled MCEAG maintenance inspection process.

Requirement. Ensure the following are met:

(1) Plan for scheduled maintenance actions.
(2) Identify unscheduled corrective actions required.
(3) Initiate VIDS/MAF and assign work load.
(4) Close VIDS/MAF for completion of actions taken.

Performance Standard. Perform requirements IAW applicable EAF equipment references and local SOP.

Instructor. SI, WTI

References.
(1) NAVAIR-51-5FAA-1.
(2) NAVAIR-51-5FAA-2.
(3) NAVAIR-51-5FAA-3.
(4) COMNAVAFINST 4790.2_.
(5) Local SOP.

ARG-3230 1.0 * B S/L

Goal. Coordinate logistical support for MCEAG installation, operation and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario or actual project, plan for coordination of external logistical support required IAW the reference.

Instructor. SI, WTI

Reference.
1. Local SOP
2. NAVAIR 51-5FAA-1.

2.10.5 Airfield Lighting (AFL)

2.10.5.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of airfield lighting. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to maintain EAF lighting in support of fixed/rotary wing aircraft operations.

2.10.5.2 General

Prerequisite. Complete AFL-2300 and 2305.

Admin Notes. Accomplished through class instruction and/or OJT.

AFL-3300 1.0 * B L

Goal. Coordinate scheduled FLOLS inspections.

Requirement. Ensure discrepancies have been identified and annotated on a VIDS/MAF corrective maintenance is performed.

Performance Standard. Successfully conduct function check per the references.

Instructor. SI, WTI

References.
(1) MIP/MRC 4922/RF8-61.
(2) NAVAIR 51-40ABA-14.
(3) NAWCADLKE NAEC-ENG-7390.

AFL-3305 2.0 * B S/L

Goal. Coordinate logistical support for FLOLS installation, operation and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference.
1. Local SOP
2. NAVAIR 51-40ABA-14.

AFL-3310 1.0 * B L

Goal. Coordinate EAF lighting and marking components installation.

Requirement. Ensure discrepancies have been identified and annotated on a VIDS/MAF corrective maintenance is performed.

Performance Standard. Ensure all certification standards are met per the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-40ABA-7.
(2) NAVAIR 51-40ABA-7.1.
(3) NAVAIR 51-50ABA-16.
(4) NAWCADLKE-MISC-48J200-0012.
(5) NAWCADLKE-MISC-48J200-0020.
(6) NAWCADLKE-MISC-49J200-0063.

AFL-3315 0.5 * B S/L

Goal. Coordinate logistical support for airfield lighting installation, operation, and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference.
(1) Local SOP.

AFL-3320 2.0 * B L

Goal. Coordinate operations of EAF Lighting components.

Requirement. Manage personnel utilizing EAF lighting.

Performance Standard. Project completion with 100% accuracy per the references.

Instructor. SI, WTI

References.
(1) NAVAIR-51-40ABA-7.
(2) NAVAIR-51-40ABA-14.
(3) NAWCADLKE-MISC-48J200-12.
(4) NAWCADLKE-MISC-48J200-20.
(5) NAWCADLKE-MISC-49J200-63.

AFL-3325 2.0 * B L

Goal. Coordinate maintenance and scheduled inspections of EAF lighting components.

Requirement. Ensure discrepancies have been identified and annotated on a VIDS/MAF corrective maintenance is performed.

Performance Standard. Ensure all certification standards are met per the references.

Instructor. SI, WTI

References.
(1) MRC 4922/RF8-61.
(2) MRC 51-50ABA-16-1.
(3) MRC51-50ABA-16-2.
(4) NAVAIR-51-40ABA-7.
(5) NAVAIR-51-40ABA-14.
(6) NAVAIO 51-50ABA-16.
(7) NAVAIR 51-40ABA-7.1.
(8) NAWCADLKE-MISC-48J200-12.
(9) NAWCADLKE-MISC-48J200-20.

(10) NAWCADLKE-MISC-49J200-63.

2.10.6 Maintenance Management (MMGT)

2.10.6.1 Purpose. To develop proficiency as a Maintenance Manager for an EAF section. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to perform the duties of a work center supervisor, evaluate and monitor training of EAF technicians and identify EAF communication equipment requirements.

2.10.6.2 General

Prerequisite. Complete MMGT 2400, 2410 and 2415.

Admin Notes. Accomplished through class instruction and/or OJT.

MMGT-3400 24.0 * B L

Goal. Perform the duties of a work center supervisor.

Requirement. When assigned a work center, manage, train, and utilize all personnel and equipment.
(1) Pass a Computerized Self Evaluation Checklist audit performed by Quality Assurance.

Performance Standard. Perform all duties and responsibilities IAW the references.

Prerequisite. DESG-6565 and DESG-6570 CDI/CDQAR

Instructor. SI, WTI

Reference.
(1) COMNAVAIRFORINST 4790.2_.
(2) Local SOP.

MMGT-3405 2.0 365 B,R,M L

Goal. Evaluate and monitor training of EAF technicians.

Requirement. Ensure Marines are current in their technical field and all Marine Corps essential training and properly annotated.

Performance Standard. Achieve annual required training IAW the references.

Instructor. SI, WTI

Reference.
(1) MCO 1510.89_.
(2) MCO 1510.90_.
(3) MCO 3500.22.

MMGT-3410 1.0 * B L

Goal. Identify EAF communication equipment requirements.

Requirement. Ensure essential communication equipment supports the daily operational function of EAF.

Performance Standard. Ensure all essential communication equipment is provided IAW the references.

Instructor. SI, WTI

References.
(1) ASTRO XTS 5000 User Guide.
(2) Local SOP.

2.11 CORE PLUS PHASE (4000)

2.11.1 Purpose. The purpose of the 4000 level syllabus (Core Plus Training) is to develop advanced proficiency in Battle Management and Crew Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to participate in Base Recovery After Attack (BRAAT) operations and coordinate logistical support for installation and maintenance of EAF Equipment

2.11.2 General

2.11.2.1 Prerequisite None

2.11.2.2 Admin Notes Accomplished through class instruction and/or OJT.

2.11.2.3 Stages

PAR NO.	STAGE NAME
2.11.3	Battle Management Training (BMT)
2.11.4	Crew Management Training (CMT)

2.11.3 Battle Management Training (BMT)

2.11.3.1 Purpose. To develop advanced proficiency in Battle Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to manage the support for an aircraft squadron.

2.11.3.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT.

BMT-4000 2.0 * B L

Goal. Participate in Base Recovery After Attack (BRAAT) operations.

Requirement. Attend BRAAT training and become familiar with BRATT functions as outlined in MCWP 3-21.1.

Performance Standard. Function as a member of a DAT/DART MOS selection team.

Instructor. SI, WTI

Reference.
(1) MCWP 03-21.1

2.11.4 Crew Management Training (CMT)

2.11.4.1 Purpose. To develop advanced proficiency in Crew Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to manage the support for an aircraft squadron.

2.11.4.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT.

CMT-4100 0.5 * B S/L

Goal. Coordinate logistical support for installation and maintenance of EAF Equipment.

Requirement. Determine logistical support requirements and ensure a Logistical Support Request is submitted to S-3/S-4.

Performance Standard. Given a scenario, plan logistical support IAW squadron SOP with 100% accuracy.

Instructor. SI, WTI

References
1. NAVAIR 51-FAA-1
2. NAVAIR 51-40ABA-14
3. NAWCALKE-MISC-482600-0229
4. NAWCADLKE-MISC-482600-0250
5. NAVAIR 51-40ABA-16
6. NAVAIR 51-40ABA-7
7. NAWCADLKE-MISC-482200-0058.

2.12 INSTRUCTOR UNDER TRAINING PHASE (IUT) (5000)

2.12.1 Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTTP Officer, or direct representative as delineated.

2.12.2 General

2.12.2.1 Admin Notes.

a. The instructor concept is a means to standardize all instructors across the Aviation Ground communities in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are three instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) Weapons and Tactics Instructor (WTI)

2.12.2.2 Stages. The following stage is included in the Instructor Under Training Phase of training.

PAR NO.	STAGE NAME
2.12.3	INSTRUCTOR UNDER TRAINING (IUT)

2.12.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE.

2.12.3.1 General. The MAWTS-1 C3 Course catalog contains the training requirements for above listed instructors. The catalog is located at the MAWTS-1 website, https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx. The table below lists all IUT events.

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a T&R event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which proficient
SI	Core Skill and Mission Skills, and qualifications
WTI	Mission Skill and Qualification events. WTI: - Evaluate and recommend for qualification - Endorse recommendations for position designations
Notes	1. The Commanding Officer is the approving authority for qualifications and designations.

2.13 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

2.13.1 Purpose. This phase provides for community standardization of TAOC position qualifications, combat leadership and instructor designations. This syllabus does not include "one time" certification training.

2.13.2 General

2.13.2.1 Prerequisiste. Completion of the ACPM, academics, Core, Mission, and or Core Plus Skill events required for the position being trained.

2.13.2.2 Admin Notes.

(1) The squadron WTI shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualification or designation recommendations for approval.

(2) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed and the event code has been logged in M-SHARP will the qualification or designation be effective.

2.13.2.3 Stages. The following stages are included in the Requirements, Certifications, Qualifications, and Designations Phase of training.

PAR NO.	STAGE NAME
2.13.3	QUALIFICATIONS (QUAL)
2.13.4	DESIGNATIONS (DESG)
2.13.5	CERTIFICATIONS (CERT)

2.13.3 Qualifications (QUAL)

2.13.3.1 Purpose. To track completion of admin qualifications. Refer to the course of instruction for the requirements of each admin qualification being tracked.

2.13.3.2 G b. Admin qualification codes do not constitute events themselves. Rather, they serve to track completion of training that is not core skill but contributes to the readiness of an EAF branch. Admin qualifications will be effective upon completion of the requirements; the official documentation (i.e. license or certificate) has been signed by the commanding officer,
filed in the EAF technician's IPR, and the entry logged. Requirements for maintaining qualifications are detailed in the Aviation T&R Program Manual.

QUAL-6500 40.0 * B L

Goal. Tracking code for HMMWV license.

Requirement. Complete required HWMMV course per the reference.

Prerequisite. Per MCO 11240.66_ complete the following MarineNet courses:

(1) 3503AO.
(2) 3504AO.
(3) 3505AO.

(4) 3506AO.
(5) 3507AO.
(6) 3508AO.
(7) 3509AO.

QUAL-6505 8.0 1095 B,R,M L

Goal. Tracking code for Production Control (PC).

Requirement. Complete the PC syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2220, 2240, 2400, 2410, 3105, 3110, 3300, 3315, 3325, 3210, 3215, 3225, 3400, 3405, 3410, 6530

QUAL-6510 8.0 1095 B,R,M L

Goal. Tracking code for Runway Supervisor (R/W Sup).

Requirement. Complete the R/W Sup Syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 2410, 3105, 3110, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3400, 3405, 3410, 6530

QUAL-6515 8.0 1095 B,R,M L

Goal. Tracking code for Runway Crew Leader (R/W CLDR).

Requirement. Complete the R/W CLDR syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530

QUAL-6520 8.0 1095 B,R,M L

Goal. Tracking code for Collateral Duty Inspector (CDI).

Requirement. Complete the CDI syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530

QUAL-6525 8.0 1095 B,R,M L

Goal. Tracking code for Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Complete the CDQAR syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520, 6530

QUAL-6530 8.0 1095 B,R,M L

Goal. Tracking code for Quality Assurance QA).

Requirement. Complete the QA syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520

2.13.4 Designations (DESG)

2.13.4.1 Purpose. To track the designation of combat leaders, and essential maintenance management supervisors. All syllabus training requirements for a specific designation must be completed prior to being designated. Training management personnel shall log final designation codes once designated by the commanding officer.

DESG-6550

Goal. Tracking code for Production Control (PC).

Requirement. Complete the PC syllabus.

Prerequisite. Complete QUAL-6015.

DESG-6555

Goal. Tracking code for Runway Supervisor (R/W Sup).

Requirement. Complete the R/W Sup Syllabus.

Prerequisite. Complete QUAL-6020.

DESG-6560

Goal. Tracking code for Runway Crew Leader (R/W CLDR).

Requirement. Complete the R/W CLDR syllabus.

Prerequisite. Complete QUAL-6025.

DESG-6565

Goal. Tracking code for Collateral Duty Inspector (CDI).

Requirement. Complete the CDI syllabus.

Prerequisite. Complete QUAL-6520.

DESG-6570

Goal. Tracking code for Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Complete the CDQAR syllabus.

Prerequisite. Complete QUAL-6525.

2.13.4 Certifications (CERT)

2.13.4.1 Purpose. To track the certifications of combat leaders, and essential maintenance management supervisors. All syllabus training requirements for a specific certifications must be completed prior to being certified. Training management personnel shall log final certification codes once certified by the commanding officer.

CERT-6600 8.0 365 B,R,M G

Goal. Complete CPR annual training.

Requirement. Attend accredited CPR course.

Performance Standards. Obtained CPR certification.

CERT-6605 8.0 * B G

Goal. Complete Airfield Vehicle Operators Course.

Requirement. Attend designated airfield vehicle operator's course.

Performance Standards: Successfully complete designated airfield vehicle operator's course.

CERT-6610 5.0 * B G

Goal. NAMP Indoctrination Training

Requirement. Receive NAMP indoctrination training in the following topics:

Quality Assurance Program.
Naval Aviation Maintenance Discrepancy Reporting Program.
Technical Directive Compliance Program.
Foreign Object Damage Prevention Program.
Tool Control Program.
Corrosion Prevention and Control Program.
Naval Aviation Metrology and Calibration Program.
Hazardous Material Control and Management Program.
Nondestructive Department Safety Program.
Maintenance Safety Program.

Performance Standard. Marine shall receive indoctrination training on the Naval Aviation Maintenance Program.

References. COMNAVAIRFORINST 4790.2_

2.14 AVIATION CAREER PROGRESSION MODEL (ACPM) (8000)

2.14.1 Purpose. To enhance the professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus in the Aviation Career Progression Model (ACPM) is on academics inn the following areas:

Marine Air Command and Control System (MACCS)
Aviation Combat Element (ACE)
Threat to the MAGTF
Marine Air Ground Task Force (MAGTF)
Joint Air Operations

2.14.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as prerequisites to selected training events or stages. Additionally, several ACPM academic events are integrated as prerequisite for certain combat leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

https://www.intranet.tecom.usmc.mil/sites/mawts1/aviation%20career%20progression%20model/forms/allitems.aspx

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS		1	4000 PHASE
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	4000 PHASE
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	4000 PHASE
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	4000 PHASE
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	4000 PHASE
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	4000 PHASE
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	4000 PHASE
ACPM	8007	UAS SUPPORT TO THE MAGTF		1	4000 PHASE
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	4000 PHASE

ACPM	8020	**ACE**		1	4000 PHASE
ACPM	8021	AVIATION OPERATIONS		4	4000 PHASE
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	4000 PHASE
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	4000 PHASE
ACPM	8024	ASSAULT SUPPORT		4	4000 PHASE
ACPM	8025	AIR RECONNAISSANCE		4	4000 PHASE
ACPM	8026	ELECTRONIC WARFARE		4	4000 PHASE
ACPM	8027	ANTI-AIR WARFARE		4	4000 PHASE
ACPM	8028	AVIATION GROUND SUPPORT		4	4000 PHASE
ACPM	8040	**THREAT**		1	4000 PHASE
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8045	RADIO ELECTRONIC COMBAT THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8060	**MAGTF**		1	4000 PHASE
ACPM	8061	GROUND COMBAT OPERATIONS		4	4000 PHASE
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	4000 PHASE
ACPM	8063	MAGTF COMMAND AND CONTROL		4	4000 PHASE
ACPM	8064	MAGTF COMMUNICATIONS		4	4000 PHASE
ACPM	8065	PHASING CONTROL ASHORE		4	4000 PHASE
ACPM	8080	**JOINT AIR OPERATIONS**		1	4000 PHASE
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	4000 PHASE
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	4000 PHASE
ACPM	8083	JOINT FIRE SUPPORT		4	4000 PHASE
ACPM	8084	CLOSE AIR SUPPORT		4	4000 PHASE
ACPM	8085	JOINT TARGETING		4	4000 PHASE
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	4000 PHASE
ACPM	8087	JOINT AIRSPACE CONTROL		4	4000 PHASE
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	4000 PHASE
TOTAL ACPM STAGE			39	141	

2.15 T&R ATTAIN AND MAINTAIN TABLES

EAF MOS 7011											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Complete DCP CBT	ACAD	2000	*	ACAD	2000					-	-
Complete Man-Portable Lighting (L-204) CBT	ACAD	2005	*	ACAD	2005					-	-

NAHOSH Program Training	ACAD	2010R	365	ACAD	2010R	ACAD	2010R	ACAD	2010R	-	-
Identify NAVOSH Program Key Personnel	ACAD	2015R	365	ACAD	2015R	ACAD	2015R	ACAD	2015R	-	-
Complete NAVOSH Mishap Reporting training	ACAD	2020R	365	ACAD	2020R	ACAD	2020R	ACAD	2020R	-	-
Complete NAVOSH HAZARD Identification training	ACAD	2025R	365	ACAD	2025R	ACAD	2025R	ACAD	2025R	-	-
Complete Safety Precautions and Standards training	ACAD	2030R	365	ACAD	2030R	ACAD	2030R	ACAD	2030R	-	-
Complete First Aid and Survival Training	ACAD	2035R	365	ACAD	2035R	ACAD	2035R	ACAD	2035R	-	-
Complete Mishap Prevention Training	ACAD	2040R	365	ACAD	2040R	ACAD	2040R	ACAD	2040R	-	-
Complete Back Injury Prevention Training	ACAD	2045R	365	ACAD	2045R	ACAD	2045R	ACAD	2045R	-	-
Complete Hearing Conservation Training	ACAD	2050R	365	ACAD	2050R	ACAD	2050R	ACAD	2050R	-	-
Complete Sight Conservation Training	ACAD	2055R	365	ACAD	2055R	ACAD	2055R	ACAD	2055R	-	-
Complete First Aid Training	ACAD	2060R	365	ACAD	2060R	ACAD	2060R	ACAD	2060R	-	-
Complete Fire Prevention/Equipment Training	ACAD	2065R	90	ACAD	2065R	ACAD	2065R	ACAD	2065R	-	-
Complete Radio Frequency Radiation Training	ACAD	2070R	365	ACAD	2070R	ACAD	2070R	ACAD	2070R	-	-
Complete Battery Safety Training	ACAD	2075R	365	ACAD	2075R	ACAD	2075R	ACAD	2075R	-	-
Complete Hazard Communication Training	ACAD	2080R	90	ACAD	2080R	ACAD	2080R	ACAD	2080R	-	-
Complete Hazard Communication OJT	ACAD	2085R	365	ACAD	2085R	ACAD	2085R	ACAD	2085R	-	-
Install AM-2 matting and accessories.	AFS	2100	*	AFS	2100					-	-

Perform a maintenance inspection on AM-2 matting installation	AFS	2105	*	AFS	2105					-	-
Determine the California Bearing Ratio (CBR) of a given location	AFS	2110	*	AFS	2110R					2000	-
Install MCEAGS	ARG	2200R	730	ARG	2200R	ARG	2200R	ARG	2200R	-	-
Conduct aircraft arrestment as an Engine Operator	ARG	2202R	365	ARG	2202R	ARG	2202R	ARG	2202R	2220	-
Conduct aircraft arrestment as a Point/Plane Director	ARG	2204R	365	ARG	2204R	ARG	2204R	ARG	2204R	-	-
Conduct aircraft arrestment as a Deck Coordinator	ARG	2206R	365	ARG	2206R	ARG	2206R	ARG	2206R	-	-
Conduct a Pre-operational Inspection	ARG	2208R	365	ARG	2208R	ARG	2208R	ARG	2208R	-	-
Conduct 30-day Maintenance	ARG	2210R	365	ARG	2210R	ARG	2210R	ARG	2210R	-	-
Conduct 91-day Maintenance	ARG	2212R	365	ARG	2212R	ARG	2212R	ARG	2212R	-	-
Conduct 182-day Maintenance	ARG	2214R	365	ARG	2214R	ARG	2214R	ARG	2214R	-	-
Conduct 364-day Maintenance	ARG	2216R	365	ARG	2216R	ARG	2216R	ARG	2216R	-	-
Conduct 728-day Maintenance	ARG	2218R	728	ARG	2218R	ARG	2218R	ARG	2218R	-	-
EMBARK/ STORE MCEAGS	ARG	2220	*	ARG	2220					-	-
INSPECT AND LUBRICATE ARRESTING GEAR	ARG	2222R	365	ARG	2222R	ARG	2222R	ARG	2222R	-	-
INSPECT TAPES	ARG	2224R	365	ARG	2224R	ARG	2224R	ARG	2224R	-	-
Clean and inspect Spark Plugs and Inspect Pretension Warning System Limit Switch	ARG	2226R	365	ARG	2226R	ARG	2226R	ARG	2226R	-	-
Clean System Cooling Strainer	ARG	2228R	365	ARG	2228R	ARG	2228R	ARG	2228R	-	-
Replace Engine Oil and Filter	ARG	2230R	365	ARG	2230R	ARG	2230R	ARG	2230R	-	-

Clean and Inspect and Lubricate Deflector/Runway Edge Sheaves	ARG	2232R	365	ARG	2232R	ARG	2232R	ARG	2232R	-	-
Remove Fluid Sample for Analysis	ARG	2234R	365	ARG	2234R	ARG	2234R	ARG	2234R	-	-
Conduct Pre-Operational Inspection	ARG	2236R	365	ARG	2236R	ARG	2236R	ARG	2236R	-	-
Conduct Post Arrestment Inspection	ARG	2238R	365	ARG	2238R	ARG	2238R	ARG	2238R	-	-
Inspect Cross Deck Pendant	ARG	2240R	365	ARG	2240R	ARG	2240R	ARG	2240R	-	-
Arrestment procedures for Engine operator	ARG	2242R	365	ARG	2242R	ARG	2242R	ARG	2242R	-	-
Arrestment procedures for Deck Coordinator	ARG	2244R	365	ARG	2244R	ARG	2244R	ARG	2244R	-	-
Install EAF lighting/marking components	AFL	2300	*	AFL	2300					-	-
Maintain and inspect airfield lighting and markings	AFL	2305	*	AFL	2305					-	-
Complete a VIDS/MAF form.	MMGT	2400	*	MMGT	2400					-	-
Complete Monthly OPTAR	MMGT	2405	*	MMGT	2405					-	-
Perform the duties of a Technical Publication Librarian (TPL)	MMGT	2410	*	MMGT	2410					-	-

MISSION SKILL (3000 Phase)

T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct site survey for an AM-2 matting installation	AFS	3100	*	AFS	3100					-	-
Coordinate the installation of AM-2 matting and accessories	AFS	3105	*	AFS	3105					2100	-
Coordinate the removal and repackaging of AM-2 matting and accessories	AFS	3110	*	AFS	3110					-	-

Coordinate maintenance inspection of AM-2 matting and accessories	AFS	3115	*	AFS	3115					2400	-
Coordinate logistical support for installation and maintenance of EAF equipment	AFS	3120	*	AFS	3120					-	-
Install a High Power Run-up (HPRU).	AFS	3125	*	AFS	3125					-	-
Coordinate the Installation of the MCEAGS	ARG	3200R	730	ARG	3200R	ARG	3200R	ARG	3200R	-	-
Coordinate an MCEAG arrestment	ARG	3205	*	ARG	3205					-	-
Coordinate MCEAG maintenance	ARG	3210R	730	ARG	3210R	ARG	3210R	ARG	3210R	-	-
Inspect MCEAG packages for shipment	ARG	3215	*	ARG	3215					-	-
Perform duties of the Runway Crew Leader	ARG	3220	*	ARG	3220					-	-
Coordinate the scheduled and un-scheduled MCEAG Maintenance inspection process	ARG	3225	*	ARG	3225					-	-
Coordinate logistical support for MCEAG installation, operation and maintenance	ARG	3230	*	ARG	3230					-	-
Coordinate scheduled FLOLS maintenance.	AFL	3300	*	AFL	3300					-	-
Coordinate logistical support for FLOLS installation, operations and maintenance	AFL	3305	*	AFL	3305					-	-

Coordinate EAF lighting and marking components installation	AFL	3310	*	AFL	3310					-	-
Coordinate logistical support for airfield lighting installation, operation, and maintenance	AFL	3315	*	AFL	3315					-	-
Coordinate operations of EAF Lighting components	AFL	3320	*	AFL	3320					-	-
Coordinate maintenance and scheduled inspections of EAF lighting components	AFL	3325	*	AFL	3325					-	-
Perform the duties of a work center supervisor.	MMGT	3400	*	MMGT	3400					6565, 6570	-
Evaluate and monitor training of EAF technicians	MMGT	3405R	365	MMGT	3405R	MMGT	3405R	MMGT	3405R	-	-
Identify EAF communication equipment requirements	MMGT	3410	*	MMGT	3410					-	-

CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Participate in Base Recovery After Attack (BRAAT) Operations	BMT	4000	*	BMT	4000					-	-
Coordinate logistical support for installation and maintenance of EAF equipment	CMT	4100	*	CMT	4100					-	-

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2.16 T&R SYLLABUS MATRIX

EAF 7011 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																				
FAMILIARIZATION SKILLS STAGE (FAM)																				
FAM	1000	Familiarize the student with Naval Aviation Maintenance Program (NAMP) functions.	B	E	G	-	-	-	*		21		0		0	-	-	-	-
TOTAL FAMILIARIZATION STAGE (FAM)										1	21	0	0	0	0				
SYSTEMS SKILL STAGE (SYS)																				
SYS	1005	Utilize and maintain EAF communication systems	B	E	G	-	-	-	*		9		0		0	1000	-	-	-
SYS	1010	Utilize Expeditionary Airfield Surfaces	B	E	G	-	-	-	*		61		0		0	1000, 1005	-	-	-
SYS	1015	Utilize Arresting Gear	B	E	G	-	-	-	*		113		0		0	1000, 1005, 1010	-	-	-
SYS	1020	Utilize Expeditionary Airfield Lighting Systems	B	E	G	-	-	-	*		79		0		0	1000, 1005, 1010,1015	-	-	-
SYS	1025	Embarkation of Expeditionary Airfield Equipment	B	E	G	-	-	-	*		27		0		0	1000, 1005, 1010, 1015, 1020	-	-	-
TOTAL SYSTEMS SKILL STAGE (SYS)										5	304	0	0	0	0				
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										6	325	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																				
ACADEMICS (ACAD)																				
ACAD	2000	Complete DCP CBT	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD	2005	Complete Man-Portable Lighting (L-204) CBT	B	E	G	-	-	-	*		1.5		0		0	-	-	-	-
ACAD	2010	NAHOSH Program Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2015	Identify NAVOSH Program Key Personnel	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2020	Complete NAVOSH Mishap Reporting training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2025	Complete NAVOSH HAZARD Identification training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2030	Complete Safety Precautions and Standards training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2035	Complete First Aid and Survival Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-

ACAD	204C	Complete Mishap Prevention Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	204S	Complete Back Injury Prevention Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	205C	Complete Hearing Conservation Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	205S	Complete Sight Conservation Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	206C	Complete First Aid Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	206S	Complete Fire Prevention/Equipment Training	B,R,M	-	G	-	-	-	90		0.5		0		0	-	-	-	-
ACAD	207C	Complete Radio Frequency Radiation Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	207S	Complete Battery Safety Training	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	208C	Complete Hazard Communication Training	B,R,M	-	G	-	-	-	90		0.5		0		0	-	-	-	-
ACAD	2085	Complete Hazard Communication OJT	B,R,M	-	G	-	-	-	365		0.5		0		0	-	-	-	-
TOTAL CORE SKILL ACADEMICS (ACAD)										18	10.5	0	0	0	0					
AIRFIELD SURFACING (AFS)																				
AFS	2100	Install AM-2 matting and accessories.	B	-	L	-	-	-	*		0		0		15	-	-	-	-
AFS	2105	Perform a maintenance inspection on AM-2 matting installation	B	-	L	-	-	-	*		0		0		0.5	-	-	-	-
AFS	2110	Determine the California Bearing Ratio (CBR) of a given location	B	-	L/S	-	-	-	*		0		0		2	2000	-	-	-
TOTAL CORE SKILL AIRFIELD SURFACING (AFS)										0	0	0	0	3	17.5					
ARRESTING GEAR (ARG)																				
ARG	2200	Install MCEAGS	B,R,M	-	L	-	-	-	730		0		0		8	-	-	-	-
ARG	2202	Conduct aircraft arrestment as an Engine Operator	B,R,M	-	S/L	-	-	-	365		0		1		0	2220	-	-	-
ARG	2204	Conduct aircraft arrestment as a Point/Plane Director	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
ARG	2206	Conduct aircraft arrestment as a Deck Coordinator	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
ARG	2208	Conduct a Pre-operational Inspection	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
ARG	2210	Conduct 30-day Maintenance	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2212	Conduct 91-day Maintenance	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2214	Conduct 182-day Maintenance	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2216	Conduct 364-day Maintenance	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2218	Conduct 728-day Maintenance	B,R,M	-	S/L	-	-	-	728		0		1		0	-	-	-	-
ARG	2220	EMBARK/ STORE MCEAGS	B	-	L	-	-	-	*		0		0		1	-	-	-	-

ARG	2222	INSPECT AND LUBRICATE ARRESTING GEAR	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2224	INSPECT TAPES	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
ARG	2226	Clean and inspect Spark Plugs and Inspect Pretension Warning System Limit Switch	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
ARG	2228	Clean System Cooling Strainer	B,R,M	-	S/L	-	-	-	365		0		0.5		0	-	-	-	-
ARG	2230	Replace Engine Oil and Filter	B,R,M	-	S/L	-	-	-	365		0		0.5		0	-	-	-	-
ARG	2232	Clean and Inspect and Lubricate Deflector/Runway Edge Sheaves	B,R,M	-	L	-	-	-	365		0		0		6	-	-	-	-
ARG	2234	Remove Fluid Sample for Analysis	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2236	Conduct Pre-Operational Inspection	B,R,M	-	L	-	-	-	365		0		0		0.4	-	-	-	-
ARG	2238	Conduct Post Arrestment Inspection	B,R,M	-	L	-	-	-	365		0		0		0.2	-	-	-	-
ARG	2240	Inspect Cross Deck Pendant	B,R,M	-	L	-	-	-	365		0		0		0.2	-	-	-	-
ARG	2242	Arrestment procedures for Engine operator	B,R,M	-	L	-	-	-	365		0		0		1	-	-	-	-
ARG	2244	Arrestment procedures for Deck Coordinator	B,R,M	-	S/L	-	-	-	365		0		1		0	-	-	-	-
TOTAL ARRESTING GEAR (ARG)										0	0	10	9	13	22.8					
AIRFIELD LIGHTING (AFL)																				
AFL	2300	Install EAF lighting/marking components	B	-	L	-	-	-	*		0		0		2	-	-	-	-
AFL	2305	Maintain and inspect airfield lighting and markings	B	-	L	-	-	-	*		0		0		2.5	-	-	-	-
TOTAL AIRFIELD LIGHTING (AFL)										0	0	0	0	2	4.5					
MAINTENANCE MANAGEMENT (MMGT)																				
MMGT	2400	Complete a VIDS/MAF form.	B	-	S/L	-	-	-	*		0		0.5		0	-	-	-	-
MMGT	2405	Complete Monthly OPTAR	B	-	S/L	-	-	-	*		0		1		0	-	-	-	-
MMGT	2410	Perform the duties of a Technical Publication Librarian (TPL)	B	-	L	-	-	-	*		0		0		1	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MMGT)										0	0	2	1.5	1	1					
TOTAL CORE SKILL PHASE (2000 PHASE)										18	10.5	12	10.5	19	45.8					
MISSION SKILL TRAINING (3000 PHASE EVENTS)																				
AFS																				
AFS	3100	Conduct site survey for an AM-2 matting installation	B	-	L	-	-	-	*		0		0		2	-	-	-	-
AFS	3105	Coordinate the installation of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0		10	2100	-	-	-

AFS	3110	Coordinate the removal and repackaging of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0		5	-	-	-	-
AFS	3115	Coordinate maintenance inspection of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0		0.5	2400	-	-	-
AFS	3120	Coordinate logistical support for installation and maintenance of EAF equipment	B	-	S/L	-	-	-	*		0		2		0	-	-	-	-
AFS	3125	Install a High Power Run-up (HPRU).	B	-	L	-	-	-	*		0		0		48	-	-	-	-
TOTAL AFS										0	0	1	2	5	65.5					
ARG																				
ARG	3200	Coordinate the Installation of the MCEAGS	B,R,M	-	L	-	-	-	730		0		0		4	-	-	-	-
ARG	3205	Coordinate an MCEAG arrestment	B	-	L	-	-	-	*		0		0		2	-	-	-	-
ARG	3210	Coordinate MCEAG maintenance	B,R,M	-	L	-	-	-	730		0		0		4	-	-	-	-
ARG	3215	Inspect MCEAG packages for shipment	B	-	L	-	-	-	*		0		0		3	-	-	-	-
ARG	3220	Perform duties of the Runway Crew Leader	B	-	L	-	-	-	*		0		0		24	-	-	-	-
ARG	3225	Coordinate the scheduled and un-scheduled MCEAG Maintenance inspection process	B	-	L	-	-	-	*		0		0		1	-	-	-	-
ARG	3230	Coordinate logistical support for MCEAG installation, operation and maintenance	B	-	S/L	-	-	-	*		0		1		0	-	-	-	-
TOTAL ARG										0	0	1	1	6	38					
AFL																				
AFL	3300	Coordinate scheduled FLOLS maintenance.	B	-	L	-	-	-	*		0		0		1	-	-	-	-
AFL	3305	Coordinate logistical support for FLOLS installation, operations and maintenance	B	-	S/L	-	-	-	*		0		2		0	-	-	-	-
AFL	3310	Coordinate EAF lighting and marking components installation	B	-	L	-	-	-	*		0		0		1	-	-	-	-
AFL	3315	Coordinate logistical support for airfield lighting installation, operation, and maintenance	B	-	S/L	-	-	-	*		0		0.5		0	-	-	-	-
AFL	3320	Coordinate operations of EAF Lighting components	B	-	L	-	-	-	*		0		0		2	-	-	-	-
AFL	3325	Coordinate maintenance and scheduled inspections of EAF lighting components	B	-	L	-	-	-	*		0		0		2	-	-	-	-
TOTAL AFL										0	0	2	2.5	4	6					
MAINTENANCE MANAGEMENT (MMGT)																				
MMGT	3400	Perform the duties of a work center supervisor.	B	-	L	-	-	-	*		0		0		24	6565, 6570	-	-	-
MMGT	3405	Evaluate and monitor training of EAF technicians	B,R,M	-	L	-	-	-	365		0		0		2	-	-	-	-

MMGT	3410	Identify EAF communication equipment requirements	B	-	L	-	-	-	*		0		0		1	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MMGT)										0	0	0	0	3	27				
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0	4	5.5	18	136.5				
CORE AND MISSION PLUS SKILL TRAINING (4000 PHASE EVENTS)																			
BATTLE MANAGEMENT TRAINING (BMT)																			
BMT	4000	Participate in Base Recovery After Attack (BRAAT) Operations	B	-	L	-	-	-	*		0		0		2	-	-	-	-
TOTAL BATTLE MANAGEMENT TRAINING (BMT)										0	0	0	0	1	2				
TACTICAL LANDING ZONE CERTIFICATION (TLZC)																			
CMT	4100	Coordinate logistical support for installation and maintenance of EAF equipment	B	E	L	-	-	-	*		0		0.5		0	-	-	-	-
TOTAL TACTICAL LANDING ZONE CERTIFICATION (TLZC)										0	0	1	0.5	0	0				
TOTAL MISSION SKILL PLUS PHASE (4000 PHASE)										0	0	1	0.5	1	2				
TOTAL 2000, 3000, AND 4000 PHASE										18	10.5	17	16.5	38	184.3				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1	Recommended by SI or WTI	-	-	-
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	-
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5				
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365		0		0		2	5000, 5010, 5020, 6320	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8				
TOTAL INSTRUCTOR UNDER TRIANING SKILLS PHASE (IUT)										0	0	0	0	7	13				

REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
QUALIFICATIONS (QUAL)																			
QUAL	6500	TRACKING CODE FOR HMMWV LICENSE	B	-	L	-	-	-	*		0		0		40	MARINENET 3203AO, 3504AO, 3505AO, 3506AO, 3507AO, 3508AO	-	-	-
QUAL	6505	TRACKING CODE FOR PRODUCTION CONTROL (PC)	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2220, 2240, 2400, 2410, 3105, 3110, 3300, 3315, 3325, 3210, 3215, 3225, 3400, 3405, 3410, 6530	-	-	-
QUAL	6510	TRACKING CODE FOR RUNWAY SUPERVISOR (R/W SUP)	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 2410, 3105, 3110, 3115, 3125, 3300, 3305, 3310, 3315, 3320,	-	-	-

															3325, 3200, 3205, 3210, 3215, 3220, 3400, 3405, 3410, 6530			
QUAL	6515	TRACKING CODE FOR RUNWAY CREW LEADER (R/W CLDR)	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530	-	-	-

QUAL	6520	Tracking code for Collateral Duty Inspector (CDI).	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6530			
QUAL	6525	Tracking code for Collateral Duty Quality Assurance Representative (CDQAR)	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520, 6530			

QUAL	6530	Tracking code for Quality Assurance (QA)	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2100, 2105, 2110, 2300, 2305, 2200, 2210, 2220, 2240, 2400, 3115, 3125, 3300, 3305, 3310, 3315, 3320, 3325, 3200, 3205, 3210, 3215, 3220, 3230, 3400, 3405, 3410, 6520			
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	6	80					
DESIGNATIONS (DESG)																				
DESG	6550	TRACKING CODE FOR PRODUCTION CONTROL (PC)	B	-	-	-	-	-	*		0		0		0	6015	-	-	-	
DESG	6555	TRACKING CODE FOR RUNWAY SUPERVISOR (R/W SUP)	B	-	-	-	-	-	*		0		0		0	6020	-	-	-	
DESG	6560	TRACKING CODE FOR RUNWAY CREW LEADER (R/W CLDR)	B	-	-	-	-	-	*		0		0		0	6025	-	-	-	
DESG	6565	Tracking code for Collateral Duty Inspector (CDI).	B	-	-	-	-	-	*		0		0		0	6520				
DESG	6570	Tracking code for Collateral Duty Quality Assurance Representative (CDQAR)	B	-	-	-	-	-	*		0		0		0	6525	-	-	-	
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	5	0					
CERTIFICATIONS (CERT)																				
CERT	6600	COMPLETE CPR ANNUAL TRAINING	B,R,M	-	-	-	-	-	365		8		0		0	-	-	-	-	
CERT	6605	COMPLETE AVOC TRAINING	B	-	-	-	-	-	*		8		0		0	-	-	-	-	
CERT	6610	NAMP INDOCTRNATION TRAINING	B	-	-	-	-	-	*		5		0		0	-	-	-	-	
TOTAL CERTIFICATIONS STAGE (CERT)										3	21	0	0	0	0					
TOTAL REQUIREMENTS, QUALIFICATIONS, CERTIFCATIONS, AND DESIGNATIONS PHASE (RQCD)										3	21	0	0	11	80					

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2.17 SYLLABUS EVALUATION FORM. This form is located in Appendix A of this manual. Make duplicates of this form for use in tracking individual training.

2.18 TRAINING DEVICE ESSENTIAL SUBSYSTEMS MATRIX (EESM). None.

CHAPTER 3

EXPEDITIONARY AIRFIELD (EAF) SYSTEMS TECHNICIAN ADVANCED (MOS 7011)

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CHAPTER 3

EXPEDITIONARY AIRFIELD (EAF) SYSTEMS TECHNICIAN ADVANCED (MOS 7011)

3.0 ADVANCED EAF TECHNICIAN (7011) TRAINING AND READINESS REQUIREMENTS. This T&R syllabus is based on specific goals and performance standards designed to ensure individual proficiency in core skills for the advanced training of the Expeditionary Airfield Systems Technician. The goal of this chapter is to develop individual and unit warfighting capabilities. This T&R manual represents the collaborative effort of subject matter experts who designed training standards to maximize the full combat capabilities of the EAF Technician. These standards, intrinsic in the core competency section, describe and define individual capabilities and requirements necessary to attain and maintain proficiency in core skills and combat leadership. Training events are based on specific requirements and performance standards to ensure personnel maintain a common base of training and depth of combat capabilities. Together, the T&R manual comprises a building block approach to ensure that trained EAF Technicians remain ready, relevant, and fully capable of supporting the units' mission.

3.1 TRAINING PROGRESSION MODEL. This EAF Technician training progression model represents training progression for the average (7011) in terms of core skills, qualification and designation attainment (see figure 3-1). Units should use the model as a point of departure to generate individual training plans.

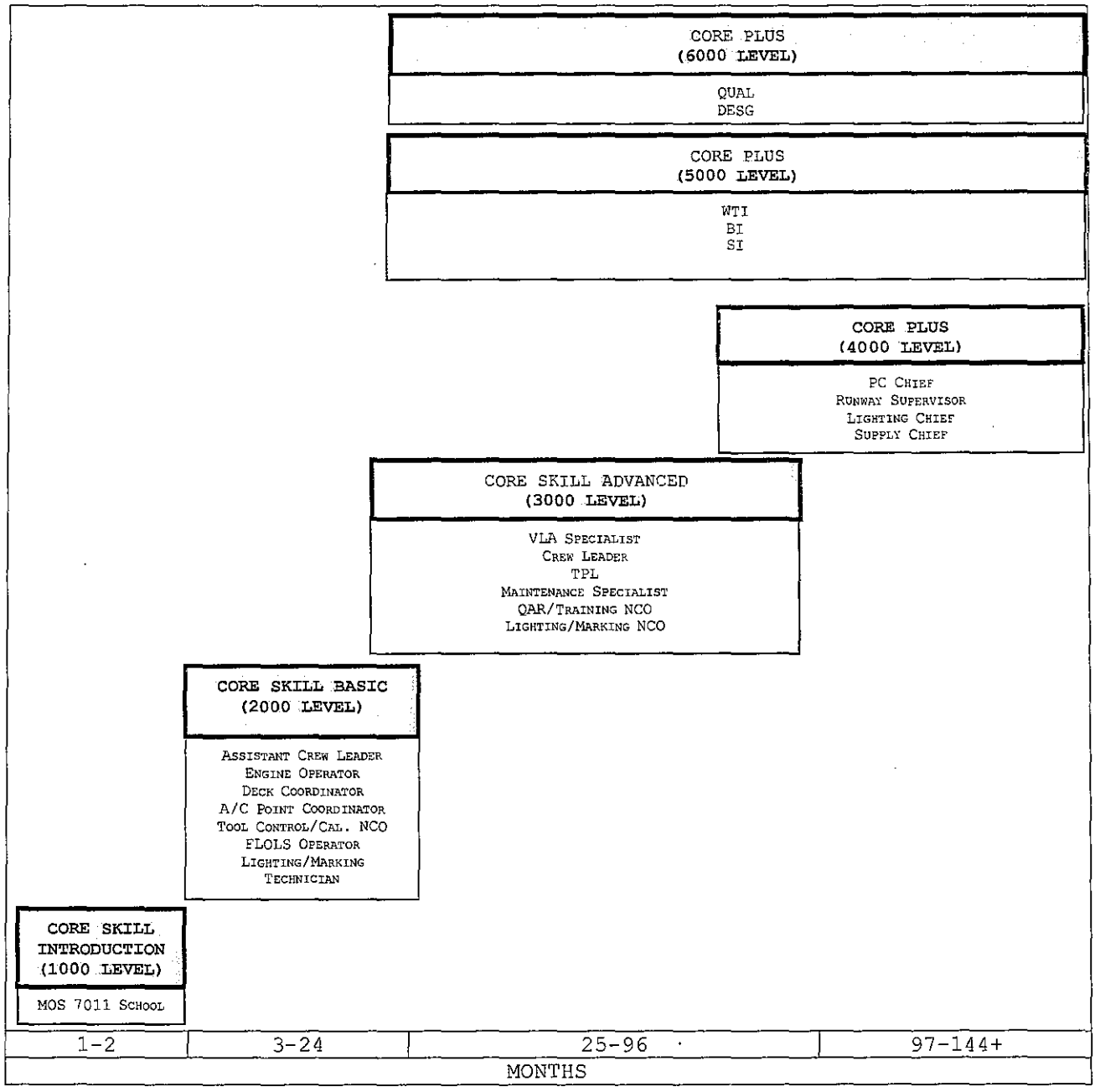

Figure 3-1. EAF Technician Training Progression Model

3.2 ABBREVIATIONS

Expeditionary Airfield MOS 7011	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
EAF	Expeditionary Airfield
ACAD	Academic
ARG	Arresting Gear
AFL	Airfield Lighting
AFS	Airfield Surfaces
MMGT	Maintenance Management
PC	Production Control
NAMP	Naval Aviation Maintenance Program
DCP	Dual-Mass Dynamic Cone Penetrometer
MCEAGS	Marine Corps Expeditionary Arresting Gear System
FLOLS	Fresnel Lens Optical Landing System
VIDS/MAF	Visual Information Display System/Maintenance Action Form
MIP	Maintenance Index Page
MRC	Maintenance Requirement Card
SOP	Standard Operating Procedures
DTPL	Disbursed Technical Publication Library
TPL	Technical Publication Library
MISSION SKILL (3000 Phase)	
MO	Maintenance Officer
AMO	Assistant Maintenance Officer
HPRU	High Powered Run-Up Anchor
LEA	Lightweight Earth Anchor
CDI	Collateral Duty Inspector
CDQAR	Collateral Duty Quality Assurance Representative
O&M,N	Operation and Maintenance, Navy
O&M,MC	Operation and Maintenance, Marine Corps
CORE PLUS (4000 Phase)	
BRAAT	Base Recovery After Attack
DAT	Damage Assessment Team
DART	Damage Assessment Response Team
BMT	Battle Management Training
CMT	Crew Management Training
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	

CPR	Cardiopulmonary resuscitation
R/W CLDR	Runway Crewleader
PC	Production Control
R/W SUP	Runway Supervisor
NAMP	NAMP Indoctrination Training
AVOC	Airfield Vehicle Operators Course

3.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. . This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

3.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

3.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as a foundation for developing proficiency requirements in DRRS-MC.

3.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

3.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

3.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing

those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

3.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that skill.

Note

See Chapter 2 of the Aviation Program Manual for amplifying information on POI updating.

EAF MOS 7011					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
STAGE	CODE	STAGE	CODE	STAGE	CODE
BASIC POI		REFRESHER POI		PROFICIENCY	
CORE SKILL (2000 Phase)					
ACAD	2000				
ACAD	2005				
ACAD	2010R	ACAD	2010R	ACAD	2010R
ACAD	2015R	ACAD	2015R	ACAD	2015R
ACAD	2020R	ACAD	2020R	ACAD	2020R
ACAD	2025R	ACAD	2025R	ACAD	2025R
ACAD	2030R	ACAD	2030R	ACAD	2030R
ACAD	2035R	ACAD	2035R	ACAD	2035R
ACAD	2040R	ACAD	2040R	ACAD	2040R
ACAD	2045R	ACAD	2045R	ACAD	2045R
ACAD	2050R	ACAD	2050R	ACAD	2050R
ACAD	2055R	ACAD	2055R	ACAD	2055R
ACAD	2060R	ACAD	2060R	ACAD	2060R
ACAD	2065R	ACAD	2065R	ACAD	2065R
ACAD	2070R	ACAD	2070R	ACAD	2070R
ACAD	2075R	ACAD	2075R	ACAD	2075R
ACAD	2080R	ACAD	2080R	ACAD	2080R
ACAD	2085R	ACAD	2085R	ACAD	2085R

AFS	2105				
AFS	2110				
ARG	2200R	ARG	2200R	ARG	2200R
AFL	2305				
MMGT	2405				
MMGT	2410				
MMGT	2415				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
AFS	3105	AFS		AFS	
	3110				
	3120				
	3125				
	3130				
	3135				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
	MMGT-3415				
	MMGT-3420				
	MMGT-3425				
	MMGT-3430				
	MMGT-3435				
	MMGT-3440				
	MMGT-3445				
	MMGT-3450				
	MMGT-3455				
	MMGT-3460				
	MMGT-3465				
ARG	3215	ARG		ARG	
	3230				
	3235				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
	MMGT-3415				
	MMGT-3420				

	MMGT-3425				
	MMGT-3430				
	MMGT-3435				
	MMGT-3440				
	MMGT-3445				
	MMGT-3450				
	MMGT-3455				
	MMGT-3460				
	MMGT-3465				
AFL	AFL-3305	AFL		AFL	
	AFL-3310				
	AFL-3315				
	AFL-3320				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
	MMGT-3415				
	MMGT-3420				
	MMGT-3425				
	MMGT-3430				
	MMGT-3435				
	MMGT-3440				
	MMGT-3445				
	MMGT-3450				
	MMGT-3455				
	MMGT-3460				
	MMGT-3465				
TLZ	AFS-3105	TLZ		TLZ	
	AFS-3110				
	AFS-3120				
	AFS-3125				
	AFS-3130				
	AFS-3135				
	ARG-3215				
	ARG-3230				

	ARG-3235				
	AFL-3305				
	AFL-3310				
	AFL-3315				
	AFL-3320				
	MMGT-3405R		MMGT-3405R		MMGT-3405R
	MMGT-3410				
	MMGT-3415				
	MMGT-3420				
	MMGT-3425				
	MMGT-3430				
	MMGT-3435				
	MMGT-3440				
	MMGT-3445				
	MMGT-3450				
	MMGT-3455				
	MMGT-3460				
	MMGT-3465				
CORE PLUS (4000 Phase)					
STAGE	**CODE**	**STAGE**	**CODE**	**STAGE**	**CODE**
BMT	4000				
BMT	4005				
BMT	4010				
CMT	4100				
CMT	4105				
CMT	4110				
CMT	4115				
CMT	4120				
CMT	4125				
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GRAY HIGHLIGH = R-CODED "REFRESHER" EVENT					

3.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications, and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training

Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

3.5.1 Instructor Designations

EAF (MOS 7011) INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6320
WEAPONS AND TACTICS INSTRUCTOR (WTI)	SCHL 6000

3.5.2 Requirements, Certifications, Qualifications, and Designations

EAF MOS 7011 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
EAF SERVICES CHIEF/ASSISTANT MAINTENANCE OFFICE (EAF CHF/AMO)	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3100, 3105, 3110, 3125, 3130, 3235, 3230, 3305, 3310, 3315, 3320, 2415, 2405, 3415, 3420, 3425, 3430, 3435, 3440, 3405, 3445, 3450, 3455, 3465, 3410, 3460, 6520
QUALITY ASSURANCE (QA)	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3130, 3105, 3110, 3135, 3125, 3130, 2200, 3215, 3235, 3230, 2305, 3305, 3310, 3315, 3320, 2415, 2405, 2410, 3415, 3420, 3425, 3430, 3435, 3440, 3405, 3445, 3450, 3455, 3460, 3410, 3465, PASS QA EVAL IAW NATOPS, 6525
EAF CHF/AMO	6520, 6570
QA	6525, 6575
CPR	6600
AVOC	6605
TLZA	6610
NAMP INDOC	6615

3.6 7011 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

3.6.1 Basic POI

EAF MOS 7011 BASIC POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
1-8	CORE SKILL INTRODUCTION TRAINING	NAS Pensacola, FL
9-104	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

3.6.2 Refresher POI

EAF MOS 7011 REFRESHER POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

3.7 SYLLABUS NOTES.

3.7.1 Environmental Conditions Matrix.

Environmental Conditions	
Code	**Meaning**
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness - If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness - If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness - Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness - If conducted during hours of darkness; must be flown with Night Vision Devices
Note - If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.2 Device Matrix.

DEVICE	
Symbol	**Meaning**
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.

CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note - If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.3 Program of Instruction Matrix.

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	**Symbol**	**Aviation Ground**
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CPP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

3.7.4 Event Terms.

EVENT TERMS	
TERM	**DESCRIPTION**
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.

E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

3.8 CORE SKILL INTRODUCTION PHASE (1000)

3.8.1 Purpose. The purpose of the 1000 level syllabus (entry-level) is to provide instruction of shore-based and expeditionary arresting gear, Naval Aviation Maintenance Program, EAF communication systems and the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. This phase is achieved upon completion of the Marine Expeditionary Airfield Equipment Course. Graduates are trained in EAF operations and are awarded the MOS 7011.

3.8.2 General

3.8.2.1 Prerequisite. IAW MCO 1200.17 (MOS Manual)

3.8.2.2 Admin Notes. Marine Expeditionary Airfield Equipment Course, Class M-1 (OSCN: C-604-2015B, CID: N2370D2) at Naval Air Technical Training Center (NATTC), Pensacola, FL.

3.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
3.8.3	Familiarization (FAM)
3.8.4	System (SYS)

3.8.3 Familiarization (FAM) Stage

3.8.3.1 Purpose. Provide initial introduction to the Naval Aviation Maintenance Program.

3.8.3.2 General

Prerequisite. None

Admin Notes. Accomplished through classroom instruction and performance labs.

FAM-1000 21.0 * B E L

Goal. Familiarize the student with Naval Aviation Maintenance Program (NAMP) functions.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) Safety/Hazardous Material Program.
(2) Expeditionary Airfield Configurations.
(3) Naval Aviation Maintenance Program.

(4) Planned Maintenance System.
(5) Record Maintenance Actions.
(6) Tool Control Program.

Performance Standard. Pass a written evaluation with a minimum of 70% accuracy.

Reference. COMNAVAIRINST 4790.2.

3.8.3 System (SYS) Stage

3.8.3.1 Purpose. Provide introductory classroom and laboratory instruction on communication systems, expeditionary airfield surfaces, shore based and expeditionary arresting gear, expeditionary airfield lighting systems, and embarkation of expeditionary airfield equipment.

3.8.3.2 General

Prerequisite. Complete FAM-1000

Admin Notes. Accomplished through classroom instruction and performance labs.

SYS-1005 9.0 * B E L

Goal. Utilize and maintain EAF communication systems.

Requirement. With the aid of reference, conduct the following as it applies to the EAF communications system:

(1) Describe the characteristics.
(2) Explain the functions.
(3) Operate the comm. System.
(4) Maintain the comm. system.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy.

Prerequisite. FAM-1000.

Reference.
(1) Radio manual.
(2) Local SOP.

SYS-1010 61.0 * B E L

Goal. Utilize Expeditionary Airfield Surfaces.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) F-70 Tool Kit.
(2) Expeditionary Airfield Anchoring Devices.
(3) Installation of Expeditionary Airfield Surfaces.
(4) Maintain Expeditionary Surfaces.

Performance Standard. Pass a written and performance evaluation with a

minimum of 70% accuracy.

Prerequisite. FAM-1000, SYS-1005.

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE MISC-48J200-0010.
(3) NAWCADLKE MISC-48J200-0011.

SYS-1015 113.0 * B E L

Goal. Utilize Arresting Gear.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) F-58 Mechanical Workshop.
(2) Introduction to Arresting Gear.
(3) Introduction/Operation of E-28 Shore-based Emergency Arresting Gear.
(4) Maintain E-28 Shore-based Emergency Arresting Gear.
(5) Installation/Operation of the M-31 Expeditionary Arresting Gear.
(6) Maintain M-31 Arresting Gear.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, and SYS-1010.

References.
(1) MRC 51-5FAA-2.
(2) MRC 51-5FAA-3.
(3) NAWCADLKE 48J200-0070.
(4) NAVAIR 51-5-31.

SYS-1020 79.0 * B E L

Goal. Utilize Expeditionary Airfield Lighting Systems.

Requirement. With the aid of reference describe, explain, and utilize the following:

(1) Installation/Operation of Man-portable VIPR, Daytime Panel Markers, and L-123 Day Time Vertical Landing Aids and Wind indicator.
(2) Installation/operation of Minimum Operating Strip Lighting System.
(3) Installation/operation of Fresnel Lens Optical Landing System.
(4) Installation/Operation of Expeditionary Airfield Hardwire Lighting.
(5) Expeditionary Airfield Lighting Maintenance.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, SYS-1010, and SYS-1015.

References.
(1) AFI 13-217.
(2) MRC 4922/RF8-61.
(3) MRC 51-50ABA-16-1.
(4) MRC 51-50ABA-16-2.
(5) NAVAIR 51-40ABA-14.
(6) NAVAIR 51-40ABA-18.
(7) NAVAIR 51-40ABA-7.
(8) NAVAIR 51-40ABA-7.1.
(9) NAVAIR-51-40ABA-2.
(10) NAVAIR-51-50ABA-16.
(11) NAWADLKE MISC-48J200-0012.
(12) NAWADLKE MISC-48J200-0020.
(13) NAWADLKE MISC-49J200-0048.
(14) NAWADLKE MISC-49J200-0063.
(15) NAWCADLKE NAEC-ENG-7390.

SYS-1025 27.0 * B E L

Goal. Embarkation of Expeditionary Airfield Equipment.

Requirement. With the aid of reference embark the following equipment per the references:

(1) Embark expeditionary arresting gear and associated components.
(2) Embark airfield surfaces and associated components.
(3) Embark airfield lighting and associated components.

Performance Standard. Pass a written and performance evaluation with a minimum of 70% accuracy per the references.

Prerequisite. FAM-1000, SYS-1005, SYS-1010, SYS-1015, SYS-1020.

References.
(1) NAVAIR 51-40ABA-14.
(2) NAVAIR 51-40ABA-18.
(3) NAVAIR 51-40ABA-7.
(4) NAVAIR 51-40ABA-7.1.
(5) NAVAIR-51-40ABA-2.
(6) NAVAIR-51-50ABA-16.
(7) NAWADLKE MISC-49J200-0063.
(8) NAVAIR 51-5-31.
(9) NAVAIR 51-5FAA-1.

3.9 CORE SKILL BASIC PHASE (2000)

3.9.1 Purpose. The purpose of the 2000 level syllabus (skill basic training) is to provide proficiency in the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. Upon completion of this training the EAF technician will be able to install, operate, maintain, and embark EAF

equipment in support of fixed/rotary wing aircraft operations.

3.9.2 General

3.9.2.1 Prerequisite None

3.9.2.2 Admin Notes Accomplished through class instruction and/or OJT.

3.9.2.3 Stages

PAR NO.	STAGE NAME
3.9.3	Academic (ACAD)
3.9.4	Airfield Surfaces (AFS)
3.9.5	Aircraft Arresting Gear (ARG)
3.9.6	Airfield Lighting (AFL)
3.9.7	Maintenance Management (MMGT)

3.9.3 ACADEMIC (ACAD)

3.9.3.1 Purpose. The purpose of academic training is to complete safety training as outlined in the COMNAVAIRFORINST 4790.2 in addition to familiarization of the F-83 and L-204 packages via computer based training.

3.9.3.2 General

Prerequisite. None

Admin Notes. CBT oriented training is available through www.marinenet.usmc.mil.

ACAD-2000 1.0 * B E G

Goal. Complete Dual-Mass Dynamic Cone Penetrometer (DCP) Computer Based Training (CBT)

Requirement. Utilizing MarineNet (www.marinenet.usmc.mil) enroll and complete DCP CBT.

Performance Standards. Provide successful completion documentation.

ACAD-2005 1.5 * B E G

Goal. Complete EAF Man Portable Lighting (L-204) CBT.

Requirement. Utilizing MarineNet (www.marinenet.usmc.mil) enroll and complete the L-204 CBT.

Performance Standards. Provide successful completion documentation.

ACAD-2010 0.5 365 B,R,M G

Goal. NAVOSH Program Training

Requirement. Receive training on the Navy Occupational Safety and Health Program.

Performance Standard. Marine shall receive training on the NAVOSH Program.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2015 0.5 365 B,R,M G

Goal. Identify NAVOSH program Key Personnel

Requirement. Receive training on the Navy Occupational Safety and Health Program.

Performance Standard. Marine shall receive training on the NAVOSH Program Key Personnel.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2020 0.5 365 B,R,M G

Goal. Complete NAVOSH Mishap Reporting training

Requirement. Receive training on the Navy Occupational Safety and Health Mishap Reporting.

Performance Standard. Marine shall receive training on the NAVOSH Mishap Reporting.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2025 0.5 365 B,R,M G

Goal. Complete NAVOSH HAZARD Identification training

Requirement. Receive training on Navy Occupational Safety and Health HAZARD Identification.

Performance Standard. Marine shall complete training on

NAVOSH HAZARD Identification.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2030 0.5 365 B,R,M G

Goal. Complete Safety Precautions and Standards training

Requirement. Receive training on Safety Precautions and Standards.

Performance Standard. Marine shall complete training on Safety Precautions and Standards.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2035 0.5 365 B,R,M G

Goal. Complete First Aid and Survival Training.

Requirement. Receive training on First Aid and Survival.

Performance Standard. Marine shall complete training on First Aid and Survival.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2040 0.5 365 B,R,M G

Goal. Complete Mishap Prevention training

Requirement. Receive training on Mishap Prevention.

Performance Standard. Marine shall complete training on mishap Prevention

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2045 0.5 365 B,R,M G

Goal. Complete Back Injury Prevention training

Requirement. Receive training on Back Injury Prevention.

Performance Standard. Marine shall complete training on Back Injury Prevention

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2050 0.5 365 B,R,M G

Goal. Complete Hearing Conservation training

Requirement. Receive training on Hearing Conservation.

Performance Standard. Marine shall complete training on Hearing Conservation.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2055 0.5 365 B,R,M G

Goal. Complete Sight Conservation training

Requirement. Receive training on Sight Conservation.

Performance Standard. Marine shall complete training on Sight Conservation

Instructor. BI, SI

References.

(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2060 0.5 90 B,R,M G

Goal. Complete First Aid training

Requirement. Receive training on First Aid to include but not limited to, heat injuries,cuts, splinting, and minor abrasions.

Performance Standard. Marine shall complete training on First Aid

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2065 0.5 365 B,R,M G

Goal. Complete Fire Prevention/Equipment training

Requirement. Receive training on Fire Prevention/Equipment.

Performance Standard. Marine shall complete training on Fire Prevention/Equipment

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2070 0.5 365 B,R,M G

Goal. Complete Radio Frequency Radiation training

Requirement. Receive training on Radio Frequency Radiation.

Performance Standard. Marine shall complete training on Radio Frequency Radiation

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2075 0.5 90 B,R,M G

Goal. Complete Battery Safety training

Requirement. Receive training on Battery Safety.

Performance Standard. Marine shall complete training on Battery Safety

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2080 0.5 365 B,R,M G

Goal. Complete Hazard Communication training

Requirement. Receive training on Hazard Communication.

Performance Standard. Marine shall complete training on Hazard Communication

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

ACAD-2085 0.5 365 B,R,M G

Goal. Complete Hazard Communication OJT training

Requirement. Receive training on Hazard Communication OJT.

Performance Standard. Marine shall complete training on Hazard Communication OJT

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2_
(2) OPNAVINST 5100.23

3.9.4 Airfield Surfaces (AFS)

3.9.4.1 Purpose. To develop proficiency in the installation and maintenance of airfield surfaces. Upon completion of this training, the EAF Technician will be able to maintain EAF surfaces in support of fixed/rotary wing aircraft operations.

3.9.4.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

AFS-2105 0.5 * B L

Goal. Perform a maintenance inspection on AM-2 matting installation.

Requirement. Follow the local MRC, ensure proper maintenance is completed.

Performance Standard. Given the reference, ensure all certification criteria is met.

Instructor. BI, SI

Reference.

(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) NAWCADLKE-MISC-48J200-0021.
(4) NAWCADLKE-MISC-48J200-0029.
(5) Local MRC(s).

AFS-2110 2.0 * B L/S

Goal. Determine the California Bearing Ratio (CBR) of a given location.

Requirement. While utilizing a Dual Mass Dynamic Cone Penetrometer (DCP) (F-83) conduct testing in a given area and report the CBR.

Performance Standard. Accurately report the CBR of the given area.

Prerequisite. ACAD-2000 (DCP CBT)

Instructor. BI, SI

Reference.

(1) NAWCADLKE-MISC-48J200-0043.

3.9.5 Arresting Gear (ARG)

3.9.5.1 Purpose. Upon completion of this training, the Expeditionary Airfield Services Technician will be proficient in the installation, operation, maintenance and embarkation of the MCEAGS in support of aircraft operations.

3.9.5.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

ARG-2200 8.0 730 B,R,M L

Goal. Install MCEAGS.

Requirement. Given a CBR, site location and applicable technical publications, install the MCEAGS.

Performance Standard. Successfully install the MCEAGS and pass a Certification Inspection.

Instructor. BI, SI

References.

(1) NAVAIR 51-5FAA-1
(2) NAVAIR 51-5FAA-2

(3) NAVAIR 51-5FAA-3

3.9.6 Airfield Lighting (AFL)

3.9.6.1 Purpose. To develop proficiency in the installation and maintenance of airfield lighting. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to maintain EAF lighting in support of fixed/rotary wing aircraft operations.

3.9.6.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

AFL-2305 2.5 * B L

Goal. Maintain and inspect airfield lighting and markings.

Requirement. Identify and correct discrepancies and annotate them on a VIDS/MAF.

Performance Standard. Given an expeditionary airfield surface, required MRC and installed lighting and marking equipment:

1. Conduct daily check and functional inspection.
2. Identify discrepancies.
3. Perform necessary corrective maintenance.
4. Document maintenance conducted utilizing VIDS/MAF.

Instructor. BI, SI

Reference.

(1) MIP/MRC.
(2) NAVAIR 51-40ABA-14.
(3) NAEC-ENG-7390.

3.9.7 Maintenance Management (MMGT)

3.9.7.1 Purpose. To develop proficiency as a Maintenance Manager for an EAF section. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to complete a VIDS/MAF, monthly OPTAR and perform the duties of a Technical Publication Librarian (TPL).

3.9.7.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

MMGT 2405 1.0 * B S/L

Goal. Complete Monthly OPTAR

Requirement. Demonstrate the knowledge to complete and submit the monthly OPTAR

Performance standard. Successfully complete and submit the monthly OPTAR.

(1) Review current report
(2) Make necessary changes
(3) Review for accuracy
(4) Submit via correct reporting chain

Instructor. BI, SI

References.
(1) DTG 102042Z Mar 11 EAF Operations Maintenance funding reports and use policy.

MMGT-2410 1.0 * B L

Goal. Perform the duties of a Technical Publication Librarian (TPL).

Requirement. Perform the following tasks:

(1) Identify required references.
(2) Update and incorporate required changes to publications.
(3) Audit and track Disbursed Technical Publication Library (DTPL).

Performance Standard. Manage and maintain a Technical Publication Library.

Instructor. BI, SI

References.
(1) COMNAVAIRFORINST 4790.2.
(2) NAVAIR 00 25 100.

MMGT 2415 1.0 * B S/L

Goal. Complete Semi-Annual Asset Report.

Requirement. Demonstrate the ability to complete and submit the Semi-Annual Asset Report.

(1) Conduct asset inventory.
(2) Review current report.
(3) Make necessary changes to reflect asset inventory.
(4) Review for accuracy.
(5) Submit via Web-based Asset Reporting Tool.

Performance standard. Successfully complete and submit the semi-annual asset report.

Reference.
Msg DTG 051554z Oct 09 EAF Web Based Asset Report

3.10 MISSION SKILL PHASE (3000)

3.10.1 Purpose. The purpose of the 3000 level syllabus (Mission Skill Training) is to apply advanced management skills in the rapid construction of expeditionary airfields including, installation, operation, maintenance and embarkation of airfield equipment, arresting gear, airfield lighting systems and optical landing systems. Individual core skills are learned and mastered using live or simulated aircraft operations.

3.10.2 General

3.10.2.1 Prerequisite None

3.10.2.2 Admin Notes Accomplished through class instruction and/or OJT.

3.10.2.3 Stages

PAR NO.	STAGE NAME
3.10.3	Airfield Surfaces (AFS)
3.10.4	Aircraft Arresting Gear (ARG)
3.10.5	Airfield Lighting (AFL)
3.10.6	Maintenance Management (MMGT)

3.10.3 Airfield Surfaces (AFS)

3.10.3.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of airfield surfaces. Upon completion of this training, the EAF Technician will be able to maintain advanced EAF surfaces in support of fixed/rotary wing aircraft operations.

3.10.3.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

AFS-3100 2.0 * B L

Goal. Conduct site survey and develop course of action for an expeditionary landing surface.

Requirement. Given a mission, geographical location and applicable references perform the following:

(1) Determine the overall airfield dimensions.
(2) Identify obstructions and available area.
(3) Conduct and collect data from CBR testing.
(4) Collect ground slope data.
(5) Identify climatology and historical wind data for given area.
(6) Identify locations of existing underground utilities.
(7) Identify potential flood zones/low lying areas.

Performance Standard. Develop a feasible course of action based on

information collected during site survey in accordance with the references.

Instructor. SI, WTI

References
(1) MCWP 3-21.1 APPX E.

AFS-3105 10.0 * B L

Goal. Coordinate the installation of AM-2 matting and accessories.

Requirement. Given an approved airfield/VTOL drawing, expeditionary airfield assets and applicable references ensure AM-2 matting and accessories are installed, marked and anchored.

Performance Standard. Provide the Maintenance/Asst. Maintenance Officer the NAVAIR certification inspection checklist for review.

Prerequisite. AFS-2100

Instructor. SI, WTI

References.
(1) NAVAIRINST 13800.12_.
(2) NAVAIR 51-60A-1.
(3) NAWCADLKE-MISC-48J200-0021.
(4) NAWCADLKE-MISC-48J200-0011.
(5) NAWCADLKE-MISC-48J200-0010.

AFS-3110 5.0 * B L

Goal. Coordinate the removal, repackaging and transportation of AM-2 matting and accessories.

Requirement. Given an expeditionary AM2 landing surface and applicable references, coordinate the removal, packaging, transportation on AM2 and accessories.

Performance Standard. Ensure AM-2 mat packs and nonstandard packages are 100% complete per the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) SRVC CHNG 72.

AFS-3115 0.5 * B L

Goal. Supervise maintenance inspection of AM-2 matting and accessories.

Requirement. Ensure maintenance inspection checklist is performed in accordance with the Local Maintenance Requirement Cards (MRCs).

Performance Standard. Complete VIDS/MAF with required signatures per the references.

Prerequisite. MMGT-2400.

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0029.
(3) SRVC CHNG 72.

AFS-3120 2.0 * B S/L

Goal. Coordinate logistical support for installation and maintenance of EAF equipment.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference. Local SOP.

AFS-3125 48.0 * B L

Goal. Install a High Power Run-up (HPRU).

Requirement. Per the reference, and given a location perform the following:

(1) Determine type of installation.
(2) Select all applicable packages for HPRU.
(3) Ensure inspection of F-57 is complete prior to installation.
(4) Request applicable ordnance.
(5) Install LEA-20 and perform pull test IAW the reference.

Performance Standard. Complete or demonstrate to the MO/AMO all requirements outlined in the references.

Instructor. SI, WTI

Ordnance.
(1) M130 Blasting cap.
(2) MD58.

References.
(1) NAVAIR 51-60A-1.
(2) NAWCADLKE-MISC-48J200-0011.
(3) NAVSEA-OP3565.

3.10.4 Arresting Gear (ARG)

3.10.4.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of arresting gear. Upon completion of this training, the EAF Technician will be able to maintain EAF arresting gear in support of fixed wing aircraft operations.

3.10.4.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

ARG-3215 3.0 * B L

Goal. Inspect MCEAG packages for shipment.

Requirement. Ensure MCEAG systems and accessories are packaged and ready for embarkation.

Performance Standard. Perform requirements IAW the reference.

Instructor. SI, WTI

Reference.
(1) NAVAIR-51-5FAA-1.
(2) NAVAIR-51-5FAA-2.

ARG-3230 1.0 * B S/L

Goal. Coordinate logistical support for MCEAG installation, operation and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario or actual project, plan for coordination of external logistical support required IAW the reference.

Instructor. SI, WTI

Reference. Local SOP.

ARG-3235 4.0 * B L

Goal. Inspect a MCEAG installation.

Requirement. Inspect MCEAG installation.

Performance Standard. Ensure installation of MCEAG is conducted IAW the references and certification criteria is met.

Instructor. SI, WTI

References.
(1) NAVAIR-51-5FAA-1

(2) NAVAIR-51-5FAA-2
(3) NAVAIR-51-5FAA-3
(4) NAWCADLKE-MISC-48J200-0070
(5) NAVINST 13800.12

3.10.5 Airfield Lighting (AFL)

3.10.5.1 Purpose. To develop advanced knowledge and proficiency in the installation and maintenance of airfield lighting. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to maintain EAF lighting in support of fixed/rotary wing aircraft operations.

3.10.5.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

AFL-3305 2.0 * B S/L

Goal. Coordinate logistical support for FLOLS installation, operation and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference.
(1) Local SOP.

AFL-3310 1.0 * B L

Goal. Coordinate EAF lighting and marking components installation.

Requirement. Ensure discrepancies have been identified and annotated on a VIDS/MAF corrective maintenance is performed.

Performance Standard. Ensure all certification standards are met per the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-40ABA-7.
(2) NAVAIR 51-40ABA-7.1.
(3) NAVAIR 51-50ABA-16.
(4) NAWCADLKE-MISC-48J200-0012.
(5) NAWCADLKE-MISC-48J200-0020.
(6) NAWCADLKE-MISC-49J200-0063.

AFL-3315 0.5 * B S/L

Goal. Coordinate logistical support for airfield lighting installation, operation, and maintenance.

Requirement. Identify and request for external logistical support.

Performance Standard. Given a scenario plan logistical support IAW squadron SOP with 100% accuracy per the references.

Instructor. SI, WTI

Reference.
(1) Local SOP.

AFL-3320 2.0 * B L

Goal. Coordinate operations of EAF Lighting components.

Requirement. Manage personnel utilizing EAF lighting.

Performance Standard. Project completion with 100% accuracy per the references.

Instructor. SI, WTI

References.
(1) NAVAIR-51-40ABA-7.
(2) NAVAIR-51-40ABA-14.
(3) NAWCADLKE-MISC-48J200-12.
(4) NAWCADLKE-MISC-48J200-20.
(5) NAWCADLKE-MISC-49J200-63.

3.10.6 Maintenance Management (MMGT)

3.10.6.1 Purpose. To develop proficiency as a Maintenance Manager for an EAF section. Upon completion of this training, the Expeditionary Airfield Services Technician will be able to perform the duties of a work center supervisor, evaluate and monitor training of EAF technicians and identify EAF communication equipment requirements.

3.10.6.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

MMGT-3405 2.0 365 B,R,M L

Goal. Evaluate and monitor training of EAF technicians.

Requirement. Ensure Marines are current in their technical field and all Marine Corps essential training and properly annotated.

Performance Standard. Achieve annual required training IAW the references.

Instructor. SI, WTI

Reference.
(1) MCO 1510.89_.
(2) MCO 1510.90_.
(3) MCO 3500.22.

MMGT-3410 1.0 * B L

Goal. Identify EAF communication equipment requirements.

Requirement. Ensure essential communication equipment supports the daily operational function of EAF.

Performance Standard. Ensure all essential communication equipment is provided IAW the references.

Instructor. SI, WTI

References.
(1) Radio Manual.
(2) Local SOP.

MMGT-3415 12.0 * B L

Goal. Prepare Operations and Maintenance, Navy (O&M,N) and Operations and Maintenance, Marine Corps (O&M,MC) fiscal requirements in support of the EAF program.

Requirement. Identify and submit the following required reports:

(1) EAF Asset report.
(2) Monthly OPTAR to be uploaded to JTDI.
(3) Sweep-up report.
(4) Mid-year review.
(5) Annual EAF Training Site Maintenance funding Requirements.
(6) Annual EAF TAD requirements.

Performance Standard. Perform requirements IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR Work Assignment Agreement (WAA)
(2) TEEP
(3) Local Comptroller SOP

MMGT-3420 4.0 * B L

Goal. Prepare EAF portion of AOM.

Requirement. Review, update, and implement EAF portion of Airfield Operations Manual (AOM).

Performance Standard. Incorporate updates and revisions IAW the references and local course rules affecting EAF operations are

incorporated in the AOM.

Instructor. SI, WTI

Reference.
NAVAIR 00-80T-115

MGMT-3425 0.5 * B L

Goal. Prepare in detail available EAF capabilities aboard Maritime Pre-positioning Ships.

Requirement. Perform the following:

(1) Become familiar with Table of Basic Allowance (TBA).
(2) Obtain Marine Corps Pre-positioning Information Center (MCPIC) account.

Performance Standard. Describe most current EAF capabilities aboard Marine Pre-positioning Ships IAW NAVMC 2907.

Instructor. SI, WTI

References.
(1) NAWCADLKE-MISC-48J200-0024
(2) NAWCAKLKE-MISC-48J200-0028

MMGT-3430 3.0 * B S/L

Goal. Design airfield/landing zones utilizing EAF assets.

Requirement. Given survey information, aircraft mix and sortie rate, complete the following:

(1) Identify EAF assets requirement.
(2) Identify safety clearances.
(3) Develop airfield configuration with required marking.

Performance Standard. Perform requirements IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIRINST 13800.12
(2) NAVAIR 51-60A-1
(3) NAVSEA OP5 VOL3
(4) NAVFAC P80/P80.3
(5) NAVAIR 51-40ABA-7
(6) NAVAIR 00-80T-115
(7) NAWCADLKE-MISC-48J200-0021
(8) NAWCADLKE-MISC-48J200-0011
(9) NAWCADLKE-MISC-48J200-0010
(10) NAWCADLKE-MISC-48J200-0012

MMGT-3435 2.0 * B S/L

Goal. Coordinate personnel and equipment requirements in support of current operational plans.

Requirement. Given an Operational Plan (OPLAN), Time Phased Force Deployment Data (TPFDD) and Training, Exercise, and Employment Plan (TEEP).

Performance Standard. Develop a Letter of Instructions (LOI) to employ EAF capabilities in support of the OPLAN IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR 00-80T-115
(2) NAWCADLKE-06-IS-0003
(3) NAWCADLKE-MISC-48J200-0010

MMGT-3440 2.0 * B S/L

Goal. Conduct a site survey identifying EAF Requirements.

Requirement. Participate as a member of an SLRP, conduct a site survey of an airfield, and determine EAF requirements.

Performance Standard. Complete Survey Liaison Reconnaissance Party (SLRP) check list IAW the reference.

Instructor. SI, WTI

References.
(1) NAVAIR 00-80T-115
(2) MCWP 3-21 APPX E

MMGT-3445 2.0 * B L

Goal. Perform an expeditionary certification on an AM-2 matting installation.

Requirement. Demonstrate the ability to certify an AM-2 matting installation utilizing the AM-2 matting certification check list.

Performance Standard. Complete the AM-2 matting certification checklist IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1
(2) NAWCADLKE MISC-48J200-0029
(3) NAWCADLKE MISC-48J200-0011
(4) NAVAIR 13800.12

MMGT-3450 2.0 * B L

Goal. Perform an expeditionary certification on the MCEAG.

Requirement. Demonstrate the ability to certify the MCEAG utilizing

the MCEAG certification check list.

Performance Standard. Complete the MCEAG certification checklist IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-5FAA-1
(2) NAVAIR 51-5FAA-2
(3) NAVAIR 51-5FAA-3
(4) NAWCADLKE MISC-48J200-0070

MMGT-3455 1.0 * B L

Goal. Perform an expeditionary certification on EAF Lighting and Marking.

Requirement. Demonstrate the ability to certify EAF Lighting and Marking utilizing the certification check list.

Performance Standard. Complete the EAF Marking and Lighting certification checklist IAW the references.

Instructor. SI, WTI

References.
(1) NAVAIR 51-50ABA-7
(2) NAVAIR 51-50ABA-7.1
(3) NAVAIR 51-50ABA-14
(4) NAWCADLKE MISC-48J200-0012
(5) NAWCADLKE-MISC-48J200-0020
(6) NAWCADLKE-MISC-48J200-0063
(7) NAEC-ENG-7390
(8) NAVAIRINST 13800.12

MMGT-3460 1.0 * B L

Goal. Prepare and present a briefing on EAF capabilities.

Requirement. Have a working knowledge of EAF assets capabilities and their limitations.

Performance Standard. Present detailed brief outlining EAF capabilities IAW the references.

Instructor. SI, WTI

References.
(1) TABLE OF BASIC ALLOWANCE (TBA).
(2) NAVMC-2907.

MMGT-3465 48.0 * B L

Goal. Plan the installation of a High Power Run-Up (HPRU).

Requirement. Per the reference and given a location perform the

following:

(1) Conduct a site assessment.
(2) Prepare a request for certification package.
(3) Prepare a Command Brief.

Performance Standard. Develop a written plan to install a High Power Run-Up anchor.

Instructor. SI, WTI

References.
(1) NAVAIR 51-60A-1
(2) NAWCADLKE-MISC-48J200-0011

3.11 CORE PLUS PHASE (4000)

3.11.1 Purpose. The purpose of the 4000 level syllabus (Core Plus Training) is to develop advanced proficiency in Battle Management and Crew Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to participate in Base Recovery After Attack (BRAAT) operations and coordinate logistical support for installation and maintenance of EAF Equipment

3.11.2 General

3.11.2.1 Prerequisite None

3.11.2.2 Admin Notes Accomplished through class instruction and/or OJT.

3.11.2.3 Stages

PAR NO.	STAGE NAME
3.11.3	Battle Management Training (BMT)
3.11.4	Crew Management Training (CMT)

3.11.3 Battle Management Training (BMT)

3.11.3.1 Purpose. To develop advanced proficiency in Battle Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to manage the support for an aircraft squadron.

3.11.3.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

BMT-4000 2.0 * B L

Goal. Participate in Base Recovery After Attack (BRAAT) operations.

Requirement. Attend BRAAT training and become familiar with BRATT

functions as outlined in MCWP 3-21.1.

Performance Standard. Function as a member of a DAT/DART MOS selection team.

Instructor. SI, WTI

Reference.
(1) MCWP 03-21.1

BMT-4005 4.0 * B L

Goal. Prepare Memorandums of Understanding (MOU), Memorandums of Agreement (MOA) as it pertains to AES procedures and agreements.

Requirement. Complete the following:

(1) Identify coordination requirements and signatures.
(2) Acquire necessary information.
(3) Create a draft document.
(4) Validate with Legal Office.

Performance Standard. Document approved and signed by Commanding Officer.

Instructor. SI, WTI

References
(1) SECNAV M5216.5 CORRESPONDENCE MANUAL.

BMT-4010 2.0 * B L

Goal. Coordinate the employment of AES assets within Maritime Pre-positioned Force (MPF).

Requirement. Conduct the following:

(1) Identify AES assets, capabilities and requirements in support of the MAGTF.
(2) Develop a plan of employment.
(3) Coordinate with embark representative for delivery of essential equipment.
(4) Employ assets.

Performance Standard. Successful receipt and employment of equipment to appropriate site.

Instructor. SI, WTI

References
(1) MCO P3000 17__
(2) MCWP 3-32
(3) TM 4790-14 1__
(4) TM 4790-14 2__
(5) NAVMC 2926 .

3.11.4 Crew Management Training (CMT)

3.11.4.1 Purpose. To develop advanced proficiency in Crew Management Training as a Maintenance Manager for an EAF Section. Upon completion of this training, the EAF Technician will be able to manage the support for an aircraft squadron.

3.11.4.2 General

Prerequisite. None

Admin Notes. Accomplished through class instruction and/or OJT

CMT-4100 0.5 * B S/L

Goal. Coordinate logistical support for installation and maintenance of EAF Equipment.

Requirement. Determine logistical support requirements and ensure a Logistical Support Request is submitted to S-3/S-4.

Performance Standard. Given a scenario, plan logistical support IAW squadron SOP with 100% accuracy.

Instructor. SI, WTI

References
(1) Squadron SOP.

CMT-4105 6.0 * B L

Goal. Request and perform Expeditionary Certification on a High Power Run-Up (HPRU) installation.

Requirement.

(1) Design layout of the installation of a HPRU.
(2) Submit installation request to NAVAIR Lakehurst.
(3) Submit naval correspondence to respective MARFOR requesting expeditionary certification.
(4) Upon certification, submit message notifying respective MARFOR.

Performance Standard. Attain expeditionary certification approval from the respective MARFOR.

Instructor. SI, WTI

References
(1) NAWCADLKE-MISC 48J200-11 .

CMT-4110 6.0 * B L

Goal. Request and perform an Expeditionary Certification of EAF surfacing system.

Requirement. Inspect the installation of EAF surfacing systems:

(1) Design layout of the installation of EAF surfacing materials.
(2) Submit installation request to NAVAIR Lakehurst.

(3) Submit naval correspondence to respective MARFOR requesting expeditionary certification.
(4) Upon certification, submit message notifying respective MARFOR.

Performance Standard. Attain expeditionary certification approval from the respective MARFOR.

Instructor. SI, WTI

References
(1) NAWCADLKE-13800.12__ .

CMT-4115 6.0 * B L

Goal. Request and perform an Expeditionary Certification of the Marine Corps Expeditionary Arresting Gear System (MCEAGS).

Requirement. Complete the following EAF MCEAGS installation procedures:

(1) Design layout of the installation of MCEAG systems.
(2) Submit installation request to NAVAIR Lakehurst.
(3) Submit naval corrospondence to respective MARFOR requesting expeditionary certification.
(4) Upon certification, submit message notifying respective MARFOR.

Performance Standard. Attain expeditionary certification approval from the respective MARFOR.

Instructor. SI, WTI

References
(1) NAWCADLKE-13800.12__ .

CMT-4120 6.0 * B L

Goal. Request and perform an Expeditionary Certification of EAF Visual Landing Aids.

Requirement. Inspect the installation of the following EAF Terminal Guidance Systems:

(1) Design layout of the installation of EAF Terminal Guidance Systems.
2) Submit installation request to NAVAIR Lakehurst.
(3) Submit naval correspondence to respective MARFOR requesting expeditionary certification.
(4) Upon certification, submit message notifying respective MARFOR.

Performance Standard. Attain expeditionary certification approval from the respective MARFOR.

Instructor. SI, WTI

References
(1) NAWCADLKE-13800.12__

CMT-4125 3.0 * B L

Goal. Request and perform an Expeditionary Certification of EAF marking and lighting.

Requirement. Inspect the installation of the following EAF marking and lighting systems:

(1) Design layout of the installation of marking and lighting.
(2) Submit installation request to NAVAIR Lakehurst.
(3) Submit naval correspondence to respective MARFOR requesting expeditionary certification.
(4) Upon certification, submit message notifying respective MARFOR.

Performance Standard. Attain expeditionary certification approval from the respective MARFOR.

Instructor. SI, WTI

References
(1) NAWCADLKE-13800.12__

3.12 INSTRUCTOR UNDER TRAINING PHASE (IUT) (5000)

3.12.1 Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTTP Officer, or direct representative as delineated.

3.12.2 General

3.12.2.1 Admin Notes.

a. The instructor concept is a means to standardize all instructors across the Aviation Ground communities in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are three instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) Weapons and Tactics Instructor (WTI)

3.12.2.2 Stages. The following stage is included in the Instructor Under Training Phase of training.

PAR NO.	STAGE NAME
3.12.3	INSTRUCTOR UNDER TRAINING (IUT)

3.12.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE.

3.12.3.1 General. The MAWTS-1 C3 Course catalog contains the training requirements for above listed instructors. The catalog is located at the MAWTS-1 website, https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx. The table below lists all IUT events.

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a T&R event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which proficient
SI	Core Skill and Mission Skills, and qualifications
WTI	Mission Skill and Qualification events. WTI: - Evaluate and recommend for qualification - Endorse recommendations for position designations
Notes	1. The Commanding Officer is the approving authority for qualifications and designations.

3.13 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

3.13.1 Purpose. This phase provides for community standardization of TAOC position qualifications, combat leadership and instructor designations. This syllabus does not include "one time" certification training.

3.13.2 General

3.13.2.1 Prerequisite. Completion of the ACPM, academics, Core, Mission, and or Core Plus Skill events required for the position being trained.

3.13.2.2 Admin Notes.

(1) The squadron WTI shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualification or designation recommendations for approval.

(2) Only once an individual is qualified or designated in

writing, the signed letter is filed in the IPR, and all administrative actions are completed and the event code has been logged in M-SHARP will the qualification or designation be effective.

3.13.2.3 Stages. The following stages are included in the Requirements, Certifications, Qualifications, and Designations Phase of training.

PAR NO.	STAGE NAME
3.13.3	QUALIFICATIONS (QUAL)
3.13.4	DESIGNATIONS (DESG)
3.13.5	CERTIFICATIONS (CERT)

3.13.3 Qualifications (QUAL)

3.13.3.1 Purpose. To track completion of admin qualifications. Refer to the course of instruction for the requirements of each admin qualification being tracked.

3.13.3.2 General

Prerequisite. Refer to the individual events for each of the qualifications for any prerequisites.

Admin Notes. Admin qualification codes do not constitute events themselves. Rather, they serve to track completion of training that is not core skill but contributes to the readiness of an EAF branch. Admin qualifications will be effective upon completion of the requirements; the official documentation (i.e. license or certificate) has been signed by the commanding officer, filed in the EAF technician's IPR, and the entry logged. Requirements for maintaining qualifications are detailed in the Aviation T&R Program Manual.

QUAL-6520 8.0 1095 B,R,M L

Goal. Tracking code for EAF Services Chief, Assistant Maintenance Officer (AMO) designation.

Requirement. Complete AMO syllabus. Designated by the CO or the MO.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3100, 3105, 3110, 3125, 3130, 3235, 3230, 3305, 3310, 3315, 3320, 2415, 2405, 3415, 3420, 3425, 3430, 3435, 3440, 3405, 3445, 3450, 3455, 3465, 3410, 3460

QUAL-6525 8.0 1095 B,R,M L

Goal. Tracking code for Quality Assurance (QA).

Requirement. Complete the QA syllabus.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3130, 3105, 3110, 3135, 3125, 3130, 2200, 3215, 3235, 3230, 2305, 3305, 3310, 3315, 3320, 2415, 2405, 2410, 3415, 3420, 3425, 3430, 3435, 3440, 3405,

3445, 3450, 3455, 3460, 3410, 3465, PASS QA EVAL IAW NAMP

3.13.4 Designations (DESG)

3.13.4.1 Purpose. To track the designation of combat leaders, and essential maintenance management supervisors. All syllabus training requirements for a specific designation must be completed prior to being designated. Training management personnel shall log final designation codes once designated by the commanding officer.

DESG-6565

Goal. Tracking code for EAF Services Chief, Assistant Maintenance Officer (AMO) designation.

Requirement. Complete AMO syllabus. Designated by the CO or the MO.

Prerequisite. 6520

DESG-6570

Goal. Tracking code for Quality Assurance (QA).

Requirement. Complete the QA syllabus.

Prerequisite. 6525 AND Pass QA evaluation IAW NATOPS.

2.13.4 Certifications (CERT)

2.13.4.1 Purpose. To track the certifications of combat leaders, and essential maintenance management supervisors. All syllabus training requirements for a specific certifications must be completed prior to being certified. Training management personnel shall log final certification codes once certified by the commanding officer.

CERT-6600

Goal. Complete CPR annual training.

Requirement. Attend accredited CPR course.

Performance Standards. Obtained CPR certification.

CERT-6605

Goal. Complete Airfield Vehicle Operators Course.

Requirement. Attend designated airfield vehicle operator's course.

Performance Standards: Successfully complete designated airfield vehicle operator's course.

CERT-6610

Goal. Conduct Tactical Landing Zone Assessment

Requirement. Attend the AFCESA Pavement Assessment Course

Performance Standards. Successful complete AFCESA Pavement Assessment Course.

CERT-6615 5.0 * B G

Goal. NAMP Indoctrination Training

Requirement. Receive NAMP indoctrination training in the following topics:

Quality Assurance Program.
Naval Aviation Maintenance Discrepancy Reporting Program.
Technical Directive Compliance Program.
Foreign Object Damage Prevention Program.
Tool Control Program.
Corrosion Prevention and Control Program.
Naval Aviation Metrology and Calibration Program.
Hazardous Material Control and Management Program.
Nondestructive Department Safety Program.
Maintenance Safety Program.

Performance Standard. Marine shall receive indoctrination training on the Naval Aviation Maintenance Program.

Reference. COMNAVAIRFORINST 4790.2

3.14 AVIATION CAREER PROGRESSION MODEL (ACPM) (8000)

3.14.1 Purpose. To enhance the professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus in the Aviation Career Progression Model (ACPM) is on academics inn the following areas:

Marine Air Command and Control System (MACCS)
Aviation Combat Element (ACE)
Threat to the MAGTF
Marine Air Ground Task Force (MAGTF)
Joint Air Operations

3.14.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as prerequisites to selected training events or stages. Additionally, several ACPM academic events are integrated as prerequisite for certain combat leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or

revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

https://www.intranet.tecom.usmc.mil/sites/mawts1/aviation%20career%20progression%20model/forms/allitems.aspx

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	**MACCS**		1	4000 PHASE
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	4000 PHASE
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	4000 PHASE
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	4000 PHASE
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	4000 PHASE
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	4000 PHASE
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	4000 PHASE
ACPM	8007	UAS SUPPORT TO THE MAGTF		4	4000 PHASE
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	4000 PHASE
ACPM	8020	**ACE**		1	4000 PHASE
ACPM	8021	AVIATION OPERATIONS		4	4000 PHASE
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	4000 PHASE
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	4000 PHASE
ACPM	8024	ASSAULT SUPPORT		4	4000 PHASE
ACPM	8025	AIR RECONNAISSANCE		4	4000 PHASE
ACPM	8026	ELECTRONIC WARFARE		4	4000 PHASE
ACPM	8027	ANTI-AIR WARFARE		4	4000 PHASE
ACPM	8028	AVIATION GROUND SUPPORT		4	4000 PHASE
ACPM	8040	**THREAT**		1	4000 PHASE
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8045	RADIO ELECTRONIC COMBAT THREAT TO THE MAGTF		4	4000 PHASE
ACPM	8060	**MAGTF**		1	4000 PHASE
ACPM	8061	GROUND COMBAT OPERATIONS		4	4000 PHASE
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	4000 PHASE
ACPM	8063	MAGTF COMMAND AND CONTROL		4	4000 PHASE
ACPM	8064	MAGTF COMMUNICATIONS		4	4000 PHASE
ACPM	8065	PHASING CONTROL ASHORE		4	4000 PHASE
ACPM	8080	**JOINT AIR OPERATIONS**		1	4000 PHASE
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	4000 PHASE

ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	4000 PHASE
ACPM	8083	JOINT FIRE SUPPORT		4	4000 PHASE
ACPM	8084	CLOSE AIR SUPPORT		4	4000 PHASE
ACPM	8085	JOINT TARGETING		4	4000 PHASE
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	4000 PHASE
ACPM	8087	JOINT AIRSPACE CONTROL		4	4000 PHASE
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	4000 PHASE
TOTAL ACPM STAGE			39	141	

3.15 T&R ATTAIN AND MAINTAIN TABLES

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Complete DCP CBT	ACAD	2000	*	ACAD	2000					-	-
Complete Man-Portable Lighting (L-204) CBT	ACAD	2005	*	ACAD	2005					-	-
NAHOSH Program Training	ACAD	2010R	365	ACAD	2010R	ACAD	2010R	ACAD	2010R	-	-
Identify NAVOSH Program Key Personnel	ACAD	2015R	365	ACAD	2015R	ACAD	2015R	ACAD	2015R	-	-
Complete NAVOSH Mishap Reporting training	ACAD	2020R	365	ACAD	2020R	ACAD	2020R	ACAD	2020R	-	-
Complete NAVOSH HAZARD Identification training	ACAD	2025R	365	ACAD	2025R	ACAD	2025R	ACAD	2025R	-	-
Complete Safety Precautions and Standards training	ACAD	2030R	365	ACAD	2030R	ACAD	2030R	ACAD	2030R	-	-
Complete First Aid and Survival Training	ACAD	2035R	365	ACAD	2035R	ACAD	2035R	ACAD	2035R	-	-
Complete Mishap Prevention Training	ACAD	2040R	365	ACAD	2040R	ACAD	2040R	ACAD	2040R	-	-
Complete Back Injury Prevention Training	ACAD	2045R	365	ACAD	2045R	ACAD	2045R	ACAD	2045R	-	-
Complete Hearing Conservation Training	ACAD	2050R	365	ACAD	2050R	ACAD	2050R	ACAD	2050R	-	-

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Complete Sight Conservation Training	ACAD	2055R	365	ACAD	2055R	ACAD	2055R	ACAD	2055R	-	-
Complete First Aid Training	ACAD	2060R	90	ACAD	2060R	ACAD	2060R	ACAD	2060R	-	-
Complete Fire Prevention/Equipment Training	ACAD	2065R	365	ACAD	2065R	ACAD	2065R	ACAD	2065R	-	-
Complete Radio Frequency Radiation Training	ACAD	2070R	365	ACAD	2070R	ACAD	2070R	ACAD	2070R	-	-
Complete Battery Safety Training	ACAD	2075R	90	ACAD	2075R	ACAD	2075R	ACAD	2075R	-	-
Complete Hazard Communication Training	ACAD	2080R	365	ACAD	2080R	ACAD	2080R	ACAD	2080R	-	-
Complete Hazard Communication OJT	ACAD	2085R	365	ACAD	2085R	ACAD	2085R	ACAD	2085R	-	-
Perform a maintenance inspection on AM-2 matting installation	AFS	2105	*	AFS	2105					-	-
Determine the California Bearing Ratio (CBR) of a given location	AFS	2110	*	AFS	2110R	AFS	2110R			2000	-
Install MCEAGS	ARG	2200R	730	ARG	2200R	ARG	2200R	ARG	2200R	-	-
Maintain and inspect airfield lighting and markings	AFL	2305	*	AFL	2305					-	-
Complete Monthly OPTAR	MMGT	2405	*	MMGT	2405					-	-
Perform the duties of a Technical Publication Librarian (TPL)	MMGT	2410	*	MMGT	2410					-	-
Complete Semi-Annual Asset Report	MMGT	2415	*	MMGT	2415					-	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct site survey for an AM-2 matting installation	AFS	3100	*	AFS	3100					-	-
Coordinate the installation of AM-2 matting and accessories	AFS	3105	*	AFS	3105					2100	-
Coordinate the removal and repackaging of AM-2 matting and accessories	AFS	3110	*	AFS	3110					-	-
Supervise maintenance inspection of AM-2 matting and accessories	AFS	3115	*	AFS	3120					2400	-
Coordinate logistical support for installation and maintenance of EAF equipment	AFS	3120	*	AFS	3125					-	-
Install a High Power Run-up (HPRU).	AFS	3125	*	AFS	3130					-	-
Conduct site survey and develop course of action for an expeditionary landing surface	AFS	3130	*	AFS	3135					-	-
Inspect MCEAG packages for shipment	ARG	3215	*	ARG	3215					-	-
Coordinate logistical support for MCEAG installation, operation and maintenance	ARG	3230	*	ARG	3230					-	-
Inspect a MCEAG installation	ARG	3235	*	ARG	3235					-	-

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Coordinate logistical support for FLOLS installation, operations and maintenance	AFL	3305	*	AFL	3305					-	-
Coordinate EAF lighting and marking components installation	AFL	3310	*	AFL	3310					-	-
Coordinate logistical support for airfield lighting installation, operation, and maintenance	AFL	3315	*	AFL	3315					-	-
Coordinate operations of EAF Lighting components	AFL	3320	*	AFL	3320					-	-
Evaluate and monitor training of EAF technicians	MMGT	3405R	365	MMGT	3405R	MMGT	3405R	MMGT	3405R	-	-
Identify EAF communication equipment requirements	MMGT	3410	*	MMGT	3410					-	-
Prepare O&M, N and O&m, MC fiscal requirements ISO EAF program	MMGT	3415	*	MMGT	3415					-	-
Prepare EAF portion of AOM	MMGT	3420	*	MMGT	3420					-	-
Prepare in detail available EAF capabilities aboard MPS	MMGT	3425	*	MMGT	3425					-	-
Design airfielf/landing zones utilizing EAF assets	MMGT	3430	*	MMGT	3430					-	-

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Coordinate personnel and equipment requirements ISO current OPLANS	MMGT	3435	*	MMGT	3435					-	-
Conduct a site survey identifying EAF requirements	MMGT	3440	*	MMGT	3440						
Perform an expeditionary certification on an AM-2 matting installation	MMGT	3445	*	MMGT	3445					-	-
Perform an expeditionary certification on the MCEAG	MMGT	3450	*	MMGT	3450					-	-
Perform an expeditionary certification on EAF Lighting and Marking	MMGT	3455	*	MMGT	3455					-	-
Prepare and present a briefing on EAF capabilities	MMGT	3460	*	MMGT	3460					-	-
Plan the installation of a High Power Run-up (HPRU)	MMGT	3465	*	MMGT	3465					-	-
CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Participate in Base Recovery After Attack (BRAAT) Operations	BMT	4000	*	BMT	4000					-	-
Prepare Memornadums of Understanding (MOU), Memorandums of Agreement (MOA) as it pertains to AES procedures and agreements	BMT	4005	*	BMT	4005					-	-

EAF MOS 7011 (ADVANCED)											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Coordinate the employment of AES assets within MPF	BMT	4010	*	BMT	4010					-	-
Coordinate logistical support for installation and maintenance of EAF equipment	CMT	4100	*	CMT	4100					-	-
Request and perform "Expeditionary Certification" on a High Power Run-Up (HPRU	CMT	4105	*	CMT	4105					-	-
Request and perform an "Expeditionary Certification" of EAF surfacing equipment	CMT	4110	*	CMT	4110					-	-
Request and perform an "Expeditionary Certification" of MCEAG systems	CMT	4115	*	CMT	4115					-	-
Request and perform an "Expeditionary Certification" of EAF Visual Landing Aids.	CMT	4120	*	CMT	4120					-	-
Request and perform an "Expeditilonary Certification" of EAF marking and lighting	CMT	4125	*	CMT	4125					-	-

3.16 T&R SYLLABUS MATRIX

EAF 7011 (ADVANCED) T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
FAM	1000	Familiarize the student with Naval Aviation Maintenance Program (NAMP) functions.	B	E	L/S	-	-	-	*		21.0		0		0	-	-	-	-
SYS	1005	Utilize and maintain EAF communication systems	B	E	L/S	-	-	-	*		9.0		0		0	1000	-	-	-
SYS	1010	Utilize Expeditionary Airfield Surfaces	B	E	L/S	-	-	-	*		52.0		0		0	1000, 1005	-	-	-
SYS	1015	Utilize Arresting Gear	B	E	L/S	-	-	-	*		113.0		0		0	1000, 1005, 1010	-	-	-
SYS	1020	Utilize Expeditionary Airfield Lighting Systems	B	E	L/S	-	-	-	*		79.0		0		0	1000, 1005, 1010,1015	-	-	-
SYS	1025	Embarkation of Expeditionary Airfield Equipment	B	E	L/S	-	-	-	*		27.0		0		0	1000, 1005, 1010, 1015, 1020	-	-	-
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										6	301	0	0	0	0.0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ACADEMICS (ACAD)																			
ACAD	2000	Complete DCP CBT	B	E	L	-	-	-	*		1		0		0	-	-	-	-
ACAD	2005	Complete Man-Portable Lighting (L-204) CBT	B	E	L	-	-	-	*		1.5		0		0	-	-	-	-
ACAD	2010	NAHOSH Program Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2015	Identify NAVOSH Program Key Personnel	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2020	Complete NAVOSH Mishap Reporting training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2025	Complete NAVOSH HAZARD Identification training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2030	Complete Safety Precautions and Standards training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2035	Complete First Aid and Survival Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2040	Complete Mishap Prevention Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2045	Complete Back Injury Prevention Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2050	Complete Hearing Conservation Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2055	Complete Sight Conservation Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2060	Complete First Aid Training	B,R,M	-	L	-	-	-	90		0.5		0		0	-	-	-	-
ACAD	2065	Complete Fire Prevention/Equipment Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2070	Complete Radio Frequency Radiation Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2075	Complete Battery Safety Training	B,R,M	-	L	-	-	-	90		0.5		0		0	-	-	-	-
ACAD	2080	Complete Hazard Communication Training	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-
ACAD	2085	Complete Hazard Communication OJT	B,R,M	-	L	-	-	-	365		0.5		0		0	-	-	-	-

TOTAL CORE SKILL ACADEMICS (ACAD)										18	10.5	0	0	0	0						
AIRFIELD SURFACING (AFS)																					
AFS	2105	Perform a maintenance inspection on AM-2 matting installation	B	-	L	-	-	-	*		0		0		0.5	-	-	-	-		
AFS	2110	Determine the California Bearing Ratio (CBR) of a given location	B	-	L/S	-	-	-	*		0		0		2.0	2000	-	-	-		
TOTAL CORE SKILL AIRFIELD SURFACING (AFS)										0	0.0	0	0.0	3	2.5						
ARRESTING GEAR (ARG)																					
ARG	2200	Install MCEAGS	B,R,M	-	L	-	-	-	730		0		0		8.0	-	-	-	-		
TOTAL ARRESTING GEAR (ARG)										0	0.0	5	0.0	6	8.0						
AIRFIELD LIGHTING (AFL)																					
AFL	2305	Maintain and inspect airfield lighting and markings	B	-	L	-	-	-	*		0		0		2.5	-	-	-	-		
TOTAL AIRFIELD LIGHTING (AFL)										0	0.0	0	0.0	2	2.5						
MAINTENANCE MANAGEMENT (MMGT)																					
MMGT	2405	Complete Monthly OPTAR	B	-	S/L	-	-	-	*		0		1		0.0	-	-	-	-		
MMGT	2410	Perform the duties of a Technical Publication Librarian (TPL)	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-		
MMGT	2415	Complete Semi-Annual Asset Report	B		S/L								1		0.0						
TOTAL MAINTENANCE MANAGEMENT (MMGT)										0	0.0	2	2.0	1	1.0						
TOTAL CORE SKILL PHASE (2000 PHASE)										18	10.5	7	2.0	12	14.0						
MISSION SKILL TRAINING (3000 PHASE EVENTS)																					
AFS																					
AFS	3100	Conduct site survey for an AM-2 matting installation	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-		
AFS	3105	Coordinate the installation of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0		10.0	2100	-	-	-		
AFS	3110	Coordinate the removal and repackaging of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0		5.0	-	-	-	-		
AFS	3115	Supervise maintenance inspection of AM-2 matting and accessories	B	-	L	-	-	-	*		0		0.0		0.5	2400	-	-	-		
AFS	3120	Coordinate logistical support for installation and maintenance of EAF equipment	B	-	S/L	-	-	-	*		0		2.0		0.0	-	-	-	-		
AFS	3125	Install a High Power Run-up (HPRU).	B	-	L	-	-	-	*		0		0		48.0	-	-	-	-		
AFS	3130	Conduct site survey and develop course of action for an expeditionary landing surface	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-		
TOTAL AFS										0	0.0	1	2.0	5	65.5						
ARG																					
ARG	3215	Inspect MCEAG packages for shipment	B	-	L	-	-	-	*		0		0		3.0	-	-	-	-		

ARG	3230	Coordinate logistical support for MCEAG installation, operation and maintenance	B	-	S/L	-	-	-	*		0		1		0.0	-	-	-	-
ARG	3235	Inspect a MCEAG installation	B	-	L	-	-	-	*		0		0		4.0	-	-	-	-
TOTAL ARG										0	0.0	1	1.0	6	7.0				
AFL																			
AFL	3305	Coordinate logistical support for FLOLS installation, operations and maintenance	B	-	S/L	-	-	-	*		0		2		0.0	-	-	-	-
AFL	3310	Coordinate EAF lighting and marking components installation	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
AFL	3315	Coordinate logistical support for airfield lighting installation, operation, and maintenance	B	-	S/L	-	-	-	*		0		0.5		0.0	-	-	-	-
AFL	3320	Coordinate operations of EAF Lighting components	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
TOTAL AFL										0	0.0	2	2.5	4	3.0				
MAINTENANCE MANAGEMENT (MMGT)																			
MMGT	3405	Evaluate and monitor training of EAF technicians	B,R,M	-	L	-	-	-	365		0		0		2.0	-	-	-	-
MMGT	3410	Identify EAF communication equipment requirements	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
MMGT	3415	Prepare O&M, N and O&m, MC fiscal requirements ISO EAF program	B	-	L	-	-	-	*		0		0		12	-	-	-	-
MMGT	3420	Prepare EAF portion of AOM	B	-	L	-	-	-	*		0		0		4	-	-	-	-
MMGT	3425	Prepare in detail available EAF capabilities aboard MPS	B	-	L	-	-	-	*		0		0		0.5	-	-	-	-
MMGT	3430	Design airfielf/landing zones utilizing EAF assets	B	-	S/L	-	-	-	*		0		3		0.0	-	-	-	-
MMGT	3435	Coordinate personnel and equipment requirements ISO current OPLANS	B	-	S/L	-	-	-	*		0		2		0.0	-	-	-	-
MMGT	3440	Conduct a site survey identifying EAF requirements	B		S/L				*				2		0.0				
MMGT	3445	Perform an expeditionary certification on an AM-2 matting installation	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
MMGT	3450	Perform an expeditionary certification on the MCEAG	B	-	L	-	-	-	*		0		0		2	-	-	-	-
MMGT	3455	Perform an expeditionary certification on EAF Lighting and Marking	B	-	L	-	-	-	*		0		0		1	-	-	-	-
MMGT	3460	Prepare and present a briefing on EAF capabilities	B	-	L	-	-	-	*		0		0		1	-	-	-	-
MMGT	3465	Plan the installation of a High Power Run-up (HPRU)	B	-	L	-	-	-	*		0		0		48.0	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MMGT)										0	0	0	0	3	48.0				

TOTAL MISSION SKILL PHASE (3000 PHASE)										0.0	0.0	4.0	5.5	18.0	123.5					
CORE AND MISSION PLUS SKILL TRAINING (4000 PHASE EVENTS)																				
BATTLE MANAGEMENT TRAINING (BMT)																				
BMT	4000	Participate in Base Recovery After Attack (BRAAT) Operations	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-	
BMT	4005	Prepare Memornadums of Understanding (MOU), Memorandums of Agreement (MOA) as it pertains to AES procedures and agreements	B	-	L	-	-	-	*		0		0		4.0	-	-	-	-	
BMT	4010	Coordinate the employment of AES assets within MPF	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-	
TOTAL BATTLE MANAGEMENT TRAINING (BMT)										0	0.0	0	0.0	1	2.0					
CREW MANAGEMENT TRAINING (CMT)																				
CMT	4100	Coordinate logistical support for installation and maintenance of EAF equipment	B	E	L	-	-		*		0		0.5		0.0	-	-	-	-	
CMT	4105	Request and perform "Expeditionary Certification" on a High Power Run-Up (HPRU	B	-	L	-	-		*		0		0		6.0	-	-	-	-	
CMT	4110	Request and perform an "Expeditionary Certification" of EAF surfacing equipment	B	-	L	-	-		*		0		0		6.0	-	-	-	-	
CMT	4115	Request and perform an "Expeditionary Certification" of MCEAG systems	B	-	L	-	-		*		0		0		6.0	-	-	-	-	
CMT	4120	Request and perform an "Expeditionary Certification" of EAF Visual Landing Aids.	B	-	L	-	-		*		0		0		6.0	-	-	-	-	
CMT	4125	Request and perform an "Expeditiionary Certification" of EAF marking and lighting	B	-	L	-	-		*		0		0		3.0	-	-	-	-	
TOTAL CREW MANAGEMENT TRAINING SKILL (CMT)										0	0	1	0.0	0	27.0					
TOTAL MISSION SKILL PLUS PHASE (4000 PHASE)										0	0.0	1	0.0	1	29.0					
TOTAL 2000, 3000, AND 4000 PHASE										18	10.5	12	7.5	31	166.5					
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																				
INSTRUCTOR UNDER TRAINING (IUT)																				
BASIC INSTRUCTOR (BI)																				
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	-	
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1.0	Recommended by SI or WTI	-	-	-	
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	-	
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5.0					
SENIOR INSTRUCTOR (SI)																				

IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5130	Develop a training plan	B,R	-	G	-	-	D	365		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8.0				
TOTAL INSTRUCTOR UNDER TRIANING SKILLS PHASE (IUT)										0	0	0	0	7	13.0				
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
QUALIFICATIONS (QUAL)																			
QUAL	6520	TRACKING CODE FOR EAF SERVICES CHIEF/AMO	B,R,M	E	L	-	-	-	1095		0		0		8.0	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3100, 3105, 3110, 3125, 3130, 3235, 3230, 3305, 3310, 3315, 3320, 2415, 2405, 3415, 3420, 3425, 3430, 3435, 3440, 3405, 3445, 3450, 3455, 3465, 3410, 3460	-	-	-

QUAL	6525	TRACKING CODE FOR QUALITY ASSURANCE	B,R,M	E	L	-	-	-	1095		0		0		8.0	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2070, 2075, 2080, 2085, 2105, 2110, 3130, 3105, 3110, 3135, 3125, 3130, 2200, 3215, 3235, 3230, 2305, 3305, 3310, 3315, 3320, 2415, 2405, 2410, 3415, 3420, 3425, 3430, 3435, 3440, 3405, 3445, 3450, 3455, 3460, 3410, 3465, PASS QA EVAL IAW NATOPS	-	-	-
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	5	16.0				
DESIGNATIONS (DESG)																			
DESG	6565	TRACKING CODE FOR EAF SERVICES CHIEF/AMO	B	-	L	-	-	-	*		0		0		0.0	6520	-	-	-
DESG	6570	TRACKING CODE FOR QUALITY ASSURANCE	B	-	S	-	-	-	*		0		0		0.0	6525	-	-	-
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	3	0.0				
CERTIFICATIONS (CERT)																			
CERT	6600	COMPLETE CPR ANNUAL TRAINING	B,R,M	-	L	-	-	-	365		0		0		0.0	-	-	-	-
CERT	6605	COMPLETE AVOC TRAINING	B	-	L	-	-	-	*		0		0		0.0	-	-	-	-
CERT	6610	CONDUCT TACTICAL LANDING ZONE ASSESSMENT	B	-	L	-	-	-	*		0		0		0.0	-	-	-	-
DESG	6615	TRACKING CODE FOR NAMP INDOCTRINATION	B	-	L	-	-	-	*		0		0		0.0	-	-	-	-
TOTAL CERTIFICATIONS STAGE (CERT)										0	0	0	0	3	0.0				
TOTAL REQUIREMENTS, QUALIFICATIONS, CERTIFCATIONS, AND DESIGNATIONS PHASE (RQCD)										0	0	0	0	8	16.0				

3.17 SYLLABUS EVALUATION FORM. This form is located in Appendix A of this manual. Make duplicates of this form for use in tracking individual training.

3.18 TRAINING DEVICE ESSENTIAL SUBSYSTEMS MATRIX (EESM). None.