CHAPTER 3

KC-130J CREWMASTER

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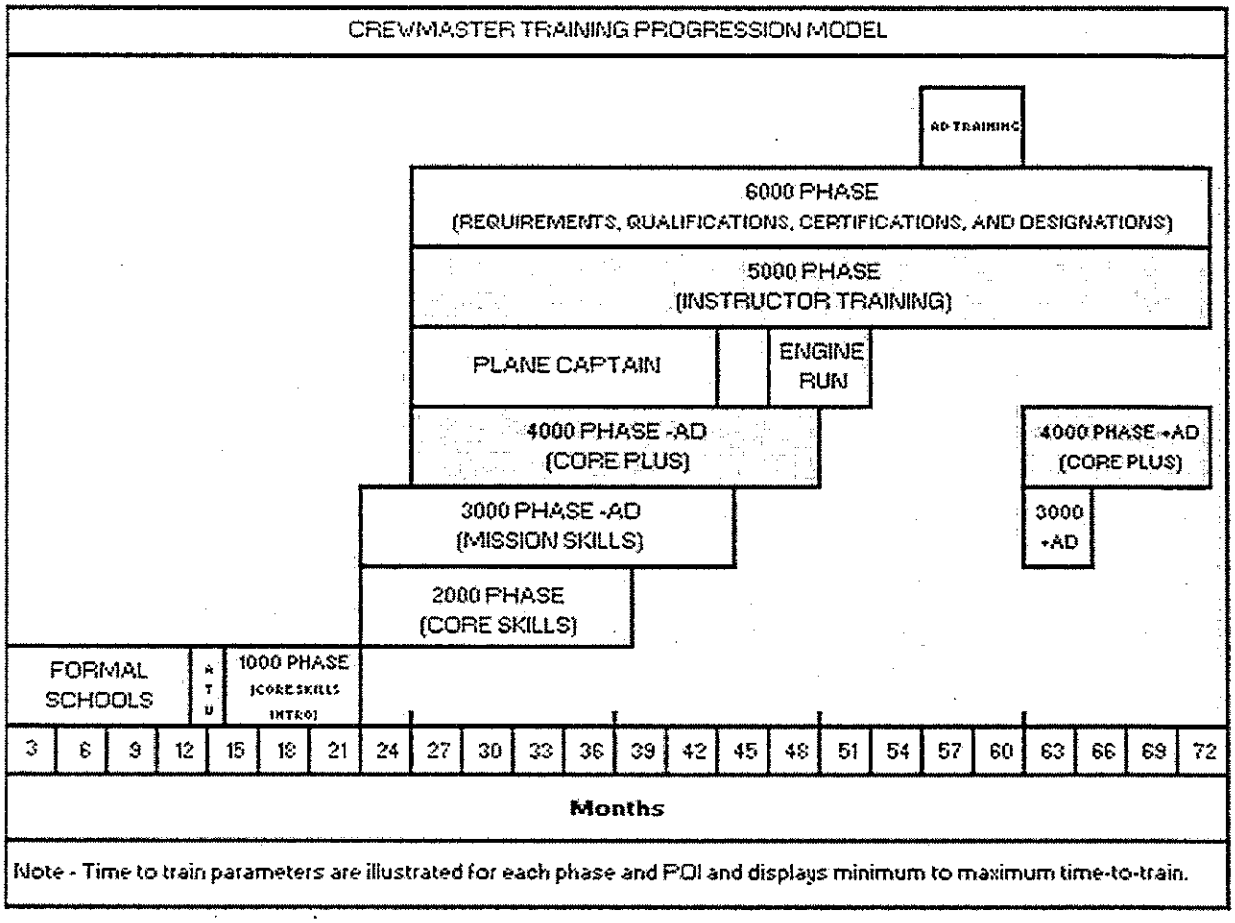
KC-130J CREWMASTER (MOS 6276)

3.0 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

3.1 CREWMASTER TRAINING PROGRESSION MODEL. This model represents the recommended training progression for the average Crewmaster. Units should use the model as a point of departure to generate individual training plans.



3.2 ABBREVIATIONS

CREWMASTER CORE/MISSION/CORE PLUS ABBREVIATIONS	
AAR	Air to Air Refueling
ACAD	Academic Lectures
ADGR	Aviation Delivered Ground Refueling
AD	Air Delivery
ADI	Air Delivery Instructor
ALZ	Assault Landing Zone
ANI	Assistant NATOPS Instructor
ARO	Air Refueling System Operator
ASM	Advanced Skills Management
AT	Assault Transport
BI	Battlefield Illumination
CAS	Close Air Support
CBT	Computer Based Training
CM	Crewmaster
CMCC	Crewmaster Crew Chief
CMLM	Crewmaster Loadmaster
CMMR	Core Model Minimum Requirements
CMUI	Crewmaster Under Instruction
CPL	Cargo Passenger Load
CPLI	Cargo Passenger Load Instructor
CPT	Cockpit Procedures Trainer
FAM	Familiarization
FCF	Functional Check Flight
IUT	Instructor Under Training
LAB	Chalk Talk / Laboratory Events
MI	Mission Instructor
MSHARP	Marine Sierra Hotel Aviation Readiness Program
NI	NATOPS Instructor
NE	NATOPS Evaluator
NS	Night Systems
NSI	Night Systems Instructor
NTSP	NATOPS
NSQ	Night Systems Qualified
PC	Plane Captain
QASO	Quality Assurance Safety Observer
RS	Refueling Supervisor
SI	Systems Instructor
SIM	Simulator
SYS	Systems
TR	Threat Reaction
TN	Tactical Navigation
WTI	Weapons and Tactics Instructor

3.3 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY (CSP) REQUIREMENTS

3.3.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

3.3.2 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.

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

3.3.4 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.

3.3.5 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 for amplifying information on POI updating.

3.3.6 Attain/Maintain Tables

KC-130 CREWMASTER							
ATTAIN/MAINTAIN TABLES							
ATTAIN PROFICIENCY						MAINTAIN PROFICIENCY	
BASIC POI		SERIES CONVERSION POI		REFRESHER POI		MAINTAIN POI	
STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #	STAGE	EVENT #
CORE SKILLS (2000 PHASE)							
NS(H)	2150R	NS(H)	2150R	NS(H)	2150R	NS(H)	2150R
LRN	2160	LRN	2160	LRN	2160	LRN	2160
TN	2201	TN		TN		TN	
	2250R				2250R		2250R
IR TR	2400R	IR TR	2400R	IR TR	2400R	IR TR	2400R
AAR	2600	AAR		AAR		AAR	
	2601						
	2650R				2650R		2650R
MISSION SKILLS (3000 PHASE)							
ALZ	3500	ALZ	3500	ALZ		ALZ	
	3502R		3502R		3502R		3502R
AT	3510R	AT	3510R*	AT	3510R	AT	3510R
	3511R		3511R*		3511R		3511R
	3512R		3512R*		3512R		3512R
	3513R		3513R*		3513R		3513R
AAR	3610	AAR	3610	AAR		AAR	
	3611		3611				
	3612		3612				
	3613R		3613R		3613R		3613R
ADGR	3661R	ADGR		ADGR	3661R	ADGR	3661R
AD	3703R	AD	3703R	AD	3703R	AD	3703R
	3705R		3705R		3705R		3705R
CORE PLUS SKILLS (4000 PHASE)							
AD	4700R	AD	4700R	AD	4700R	AD	4700R
	4701R		4701R		4701R		4701R
	4703R		4703R		4703R		4703R
BI	4710	BI		BI		BI	
	4711R				4711R		4711R
CAS	4802	CAS	4802	CAS		CAS	
	4811R		4811R		4811R		4811R
"R" suffix and Grey highlight = R-coded "Refresher" event							
"*" Not applicable to KC130T Loadmasters and Crewmaster							

3.4 REQUIREMENTS, QUALIFICATIONS, AND DESIGNATIONS. 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 2 of the Aviation T&R Program Manual on regaining lost qualifications.

3.4.1 Instructor Designations

INDIVIDUAL DESIGNATION REQUIREMENTS	
INSTRUCTOR DESIGNATION	**EVENTS**
CPLI	3502, 3510-3513, 5101
HHI	
MI	2150, 2160, 2201, 2250, 2600, 2601,3502, 5101
SI	Plane Captain Qualification, 2150, 3613, 5101
ADI	3703, 3705, 4700, 4701, 4703, 5101
CM ANI	5140, 5141, IAW OPNAVINST 3710.7
CMCC ANI	5140, 5142, IAW OPNAVINST 3710.7
CMLM ANI	5140, 5143, IAW OPNAVINST 3710.7
NSI	2150, 5150, 5151, 5152, IAW the MAWTS-1 KC-130J Course Catalog (Crewmaster POI)
RS	6652
QASO	6710
WTI	IAW the MAWTS-1 WTI Course Catalog (Crewmaster POI)

3.4.2 Requirements, Qualifications, and Designations

INDIVIDUAL REQUIREMENTS, QUALIFICATIONS, AND DESGINATIONS	
R, Q & D	**Event Requirements**
QUALIFICATIONS	
NATOPS CM	IAW OPNAVINST 3710.7 and all Core Skill Introduction complete IAW NTPS-6013.
NATOPS CMCC	IAW OPNAVINST 3710.7 and the Core Skill Introduction Prerequisites IAW NTPS-6014.
NATOPS CMLM	IAW OPNAVINST 3710.7 and the Core Skill Introduction Prerequisites IAW NTPS-6015.
NSQ	2150, IAW the MAWTS-1 KC-130J Course Catalog (Crewmaster POI)
FCF*	6105, 6106, 6107
RS	6652
QASO	6710
DESIGNATIONS	
RS	6652
QASO	6710
PC*/**	IAW COMNAVFORINST 4790.2 and the ASM Plane Captain syllabus.
Engine Run*/**	IAW COMNAVFORINST 4790.2 and the ASM Engine Run Syllabus.
* These qualifications do not require a Qualification Letter signed by the Commanding Officer. Plane Captain and Engine Run Qualifications are granted by the Commanding Officer utilizing ASM.	
**Plane Captain and Engine Run Qualifications are not tracked in MSHARP or CMMR tables.	

3.5 PROGRAMS OF INSTRUCTION

3.5.1 Basic, Transition POI

CREWMASTER Basic POI		
Weeks	**Phase of Instruction**	**Unit**
1-6	Naval Aircrewman Candidate School	NAS Pensacola, FL
7-9	Survival, Evasion, Resistance, and Escape Course	NAS North Island, CA NAS Brunswick, ME
10-23	KC-130J Crewmaster Organizational Ground Maintenance Course	Little Rock AFB, AR/Tactical Squadron
24-26	Basic Loadmaster Course	Little Rock AFB, AR/Tactical Squadron
27-36	Loadmaster Initial Qualification Course	Little Rock AFB, AR/Tactical Squadron
37-42	ATU POI	KC-130J ATU
43-77	Core Skill Introduction Training	Tactical Squadron
78-94	Core Skill Training	Tactical Squadron
95-121	Mission Skill Training Minus Air Delivery	Tactical Squadron
122-134	Core Skill Plus Training Minus Air Delivery	Tactical Squadron
135-145	Plane Captain Training	Tactical Squadron
146-150	Engine Run Training	Tactical Squadron

3.5.2 Series Conversion POI. All series conversion candidates shall undergo the prerequisite training that will allow them to commence the entire Series Conversion Crewmaster syllabus. In order to commence and complete the entire Crewmaster (CM) syllabus an individual must have completed either the CNATT KC-130J Crew Chief Organizational Ground Maintenance Course or the ATU approved Ground Maintenance Course. The candidate must also complete both the USAF Basic Loadmaster Course and the USAF Loadmaster Initial Qualification Course or the ATU approved Loadmaster Course.

3.5.2.1 Series Conversion POI

CREWMASTER SERIES CONVERSION POI		
Weeks	**Phase of Instruction**	**Unit**
1-8	ATU Ground Maintenance Course	Tactical Squadron
1-8	ATU Loadmaster Course	Tactical Squadron
9-21	Core Skill Introduction Training	Tactical Squadron
22-26	Core Skill Training	Tactical Squadron
27-30	Mission Skill Training	Tactical Squadron
31-35	Core Skill Plus Training	Tactical Squadron
36-52	Plane Captain Training	Tactical Squadron
53-57	Engine Run Training	Tactical Squadron
58-60	Function Check Flight Training	Tactical Squadron

3.5.3 Refresher POI

CREWMASTER REFRESHER POI		
Weeks	**Phase of Instruction**	**Unit**
1-10	Core Skill Training	Tactical Squadron
11-20	Mission Skill Training	Tactical Squadron
21-30	Core Skill Plus Training	Tactical Squadron

3.5.4 Plane Captain POI. The initial foundation of the Plane Captain (PC) syllabus starts with the completion of the approved Ground Maintenance Course, completion of the Core Skill Introduction Aircraft System Familiarization stages, and the CM or CMCC NATOPS Qualification. Once the individual has met the prerequisite maintenance experience through Advance Skills Management (ASM), they may be recommended to commence the ASM KC-130J Plane Captain Syllabus. The commanding officer will designate Plane Captains utilizing the ASM PC Syllabus. The employment and use of Plane Captains will be IAW COMNAVAIRFORINST 4790.2 and the individual squadron's Standard Operating Procedures.

3.5.5 Instructor POI

CREWMASTER Instructor POI		
Weeks	**Phase of Instruction**	**Unit**
1	Standardization Training	Tactical Squadron
2-4	Flight Training	Tactical Squadron

3.6 SYLLABUS NOTES

3.6.1 Event Terms

EVENT TERMS	
TERM	**DESCRIPTION**
Discuss	An explanation of systems, procedures, or maneuvers during the brief, in flight, or post flight. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular maneuver/event by the instructor, observed by the CMUI/student. The CMUI/student is responsible for knowledge of the procedures prior to the demonstration of a required maneuver/student.
Introduce	The instructor may demonstrate a procedure or maneuver to a student, or may coach the CMUI through the maneuver without demonstration. The CMUI performs the procedures or maneuver with coaching as necessary. The CMUI is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the CMUI/student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of a maneuver by the CMUI/student.
Evaluate	Any flight designed to evaluate aircrew standardization that does not fit another category such as SARCK, HACCK, T2PCK, etc.
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.)

3.7 ACADEMIC TRAINING

3.7.1 General. Academic training should be conducted for each phase/stage of the syllabus. Academic training is intended to be conducted prior to an evolution requiring flight time. Academic training consists of Computer Based Training (CBT), Academic Lectures (ACAD), Chalk Talks/Laboratory events (LAB), and Cockpit Procedural Training (CPT). CBTs are self-paced computer based modules which cover particular subjects. ACAD events are stand up instruction, such as MAWTS-1 ASPs, presented in a classroom environment by a qualified instructor. LAB and CPT events are instructor guided free-play interactive events given to an individual or entire class by a qualified instructor. Some ACAD and LAB events will be Familiarization events occurring on an actual aircraft without the use of flight time. Responsibilities for development and delivery of these courses are as follows:

3.7.1.1 Core Skill Introduction. The KC-130J Model Manager is responsible for the development of CBT and ACAD content and related materials. MAWTS-1 is responsible for the development of the academic lectures for Night Systems training. The individual Tactical Squadrons or their associated ATUs are responsible for the delivery of these academic training events. The individual Tactical Squadrons are responsible for the execution of all flight training events for the Core Skill Introduction phase.

3.7.1.2 Core Skill/Mission Skill/Core Plus Skill/Mission Plus Skills. MAWTS-1 is responsible for the development of the academic lectures that support these phases of training. The lectures will be available through the MAWTS-1 Academic Support Package (ASP). The individual Tactical Squadrons are responsible for the delivery of the academic training events for the Core Skill, Mission Skill, Core Plus Skill, and Mission Plus Skills phases.

3.7.2 External academic courses of instruction available to complete the syllabus are listed below:

Phase of Instruction	Unit
Naval Aircrewman Candidate School (NACCS)	NAS Pensacola, FL
Survival, Evasion, Resistance, and Escape Course	NAS North Island, CA NAS Brunswick, ME
Weapons and Tactics Instructor Course	MAWTS-1
Night Imaging and Threat Evaluation (NITE) Lab	MATSS Unit
Basic Instructor Training Course	MCAS New River, NC
Crew Resource Management Instructor	NAS Pensacola, FL or Mobile Training Team
Advanced Airlift Tactical Training Course (AATTC)	St. Joseph, MO

3.7.3 The following external training courses are recommended in addition to the syllabus:

Phase of Instruction	Unit
Environmental Survival Course	Regional / seasonal survival schools
Joint Airdrop Inspector Course	Ft. Lee, VA
Hazardous Materials Preparer Course	MCAS New River, NC
Forklift Operators Course	Base Motor Transport
Aircraft Weight and Balance Course	CNATT

3.7.4 The following Aircrew Training references shall be used to ensure safe and standardized training, grading criteria, and aircraft operation:

NATOPS General Flight and Operating Instructions (OPNAVINST 3710.7_)
USMC NATOPs General Flight and Operating Instruction MCO 3710.8
NATOPS Flight Manuals (NFM)
KC-130 NTTP Series
Aviation T&R Program Manual
Crew Resource Management Program Manual (OPNAVINST 1542.7_)
MAWTS-1 KC-130J Course Catalog
MAWTS-1 WTI Course Catalog
Allied Tactical Publication - 56 (ATP-56) Air to Air Refueling
FMFM 10-500 Series Air Delivery Rigging Manuals (as applicable)
NAVAIR KC/C-130 NAVAIR 01-75GAA-9s
Flight Clearances (FC) - issued by NAVAIR

3.8 CORE SKILL INTRODUCTION PHASE (1000)

3.8.1 Purpose. To teach the Crewmaster Trainee (CMT) basic aircraft systems and introduce the core missions of the KC130J aircraft.

3.8.2 General. The CMUI will be capable of basic duties to include normal and emergency procedures and CRM after successful completion of a NATOPS evaluation. A CMT undergoing the Core Skill Introduction Phase of training may receive the 2000/3000 Phase code as long as they have completed the 1000 Phase prerequisite code. A CMT/CMUI receiving a 2000/3000 code may not fly that code as a qualified crewmember without an instructor until they are NATOPS qualified. Simulator events shall be conducted with either an appropriate stage instructor or an appropriately qualified Contract Instructor (CI).

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

Par No.	Stage Name
3.8.4	Systems (SYS) Familiarization (FAM)
3.8.5	Night Systems (NS)
3.8.6	Tactical Navigation (TN)
3.8.7	Cargo and Passenger Loading (CPL)
3.8.8	Air to Air Refueling (AAR)
3.8.9	Air Delivery (AD)

3.8.4 SYSTEMS (SYS)

Purpose. Train the CMUI to perform the basic NATOPS flight crew requirements, aircraft preflight, systems operation, system malfunctions, corrective actions, fault isolation, location and use of emergency equipment, ground and in-flight emergency procedures, and aircraft post flight procedures.

General. Upon completion of this phase of training the CMUI will possess a general understanding of squadron and aircraft operations to include emergency procedures.

Crew Requirements. System Instructor (SI), Contract Instructor (CI), Systems Instructor depending on the event.

Academic Training. Prior to FAM-1000, the CMUI will complete ground school courses consisting of basic aircraft systems descriptions, Crew Resource Management, Operational Risk Management, basic weight and balance, aircraft preflight and post flight procedures, normal and emergency procedures, and the donning and use of all emergency equipment. Utilize academic courseware as outlined in the MAWTS-1 KC-130J Course Catalog and as directed by the KC-130J Model Manager Aviation Training Unit.

FAM-1000	3.5	*	B,SC	(N)	A	1 KC-130J

Goal. Introduce the CMUI to in-flight procedures.

Requirement. The CMUI, under the direct supervision of a SI, MI, or CPLI will conduct an aircraft preflight and post flight inspection. The CMUI, acting as an observer, will follow and monitor as the instructor performs all normal and emergency procedures throughout the duration of a flight.

Performance Standard. Satisfactory completion per NFM, SOP, and associated instructions.

Prerequisites. ATU POI.

SYS-1001	3.5	*	B,SC	(N)	A	1 KC-130J

Goal. Engine System Familiarization.

Requirement. The CMUI, under the direct supervision of an SI, will receive instruction on the system operation and limitations of engine systems IAW NATOPS. The CMUI will perform all normal and emergency procedures as they pertain to the engine system. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include Normal and Emergency Procedures, component nomenclature and location.

Prerequisites. FAM-1000, Approved Ground Maintenance Course.

CBTs. C1-05-01, C1-05-02, C1-05-03, C1-26-02, C1-27-03, C1-27-04, C1-36-01, C1-36-02, C1-36-03, C1-36-04

SYS-1002 3.5 * B,SC (N) A 1 KC-130J

Goal. Propeller System Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of propeller system IAW NATOPS. The CMUI will perform all normal and emergency procedures as they pertain to the propeller system. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include Normal and Emergency Procedures, component nomenclature and location.

Prerequisites. SYS-1001, CBT: C1-06-01, C1-28-15

SYS-1003 3.5 * B,SC (N) A 1 KC-130J

Goal. Fuel System Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of fuel systems IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the fuel system. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include normal and emergency procedures, component nomenclature and location.

Prerequisites. SYS-1002, CBT: C1-07-01, C1-07-02, C1-07-03, C1-07-04, C1-25-01, C1-25-02, C1-28-14, C1-36-05

SYS-1004 3.5 * B,SC (N) A 1 KC-130J

Goal. Electrical and Data Bus Systems Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of electrical and data bus systems IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the electrical and data bus systems. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the systems to include normal and emergency procedures, component nomenclature and location.

Prerequisites. SYS-1003, CBT: C1-04-01, C1-04-02, C1-04-05, C1-04-07, C1-04-08, C1-24-01, C1-09-01, C1-28-03, C1-28-04, C1-28-05, C1-28-06, C1-28-07, C1-28-08, C1-28-10

SYS-1005 3.5 * B,SC (N) A 1 KC-130J

Goal. Hydraulic System Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of hydraulic system IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the hydraulic system. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include normal and emergency procedures, component nomenclature and location.

Prerequisites. SYS-1004, CBT: C1-10-01, C1-10-02, C1-10-03, C1-11-01, C1-11-02, C1-11-03, C1-12-01, C1-12-02, C1-28-11, C1-29-04, C1-38-02, C1-38-03, C1-38-04

SYS-1006 3.5 * B,SC (N) A 1 KC-130J

Goal. Bleed Air and Ice Protection Systems Familiarization.

Requirement. The CMUI under the supervision of an SI will receive instruction on the system operation and limitations of bleed air and ice protection systems IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the bleed air and ice protection systems. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include normal and emergency procedures, component nomenclature and location.

Prerequisites. SYS-1005, CBT: C1-14-01, C1-16-01, C1-16-02, C1-22-01, C1-28-13.

SYS-1007 3.5 * B,SC (N) A 1 KC-130J

Goal. Air Conditioning and Pressurization Systems Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of air conditioning and pressurization systems IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the air conditioning and pressurization systems. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the system to include normal and emergency procedures, component nomenclature and location.

Prerequisites. SYS-1006 CBT: C1-15-01, C1-15-02, C1-15-03, C1-17-02, C1-28-12, C1-28-02, C1-37-01,

SYS-1008 3.5 * B,SC (N) A 1 KC-130J

Goal. Communication and Navigation Systems Familiarization.

Requirement. The CMUI under the direct supervision of an SI will receive instruction on the system operation and limitations of communication and navigation systems IAW NFM. The CMUI will perform all normal and emergency procedures as they pertain to the

communication and navigation systems. Discuss and implement CRM fundamentals.

Performance Standard. CMUI will demonstrate basic understanding of the communication and navigation systems to include Normal and Emergency Procedures, component nomenclature and location.

Prerequisites. SYS-1007, CBT: C1-04-06, C1-18-01, C1-18-02, C1-18-03, C1-18-04, C1-18-05, C1-18-06, C1-18-07, C1-18-08, C1-18-09, C1-18-10, C1-19-01, C1-19-02, C1-19-03, C1-19-04, C1-19-05, C1-19-06, C1-19-07, C1-19-08, C1-19-09, C1-19-10, C1-41-06

SYS-1009	4.0	*	B,SC	(N)	S	1 WST

Goal. Refine aircraft system malfunctions, crew coordination and emergencies procedures.

Requirement. Under the supervision of a SI or CI, the CMUI will participate in a simulator event to refine crew coordination of aircraft system malfunctions including emergency procedures, and refine In-flight trouble shooting.

Performance Standard. CMUI shall perform and discuss the responsibilities, duties, checklists, and crew coordination IAW the NFM.

Prerequisite. SYS-1001.

3.8.5 NIGHT SYSTEMS (NS(H))

Purpose. To introduce the use of Night Vision Devices (NVD).

General. Crewmasters conducting NS training shall be instructed by a Night Systems Instructor (NSI) for this stage.

Academic Training. MAWTS-1 NVD ASP courses and NITE lab.

NS(H)-1150	3.0	*	B	NS	A	1 KC-130J

Goal. To introduce the CMUI to the use of NVD in the High Light Level (HLL) environment.

Requirement. The NSI will discuss NVD features, characteristics, and inspection/adjustment. The NSI will demonstrate exterior lighting with NVDs. Emphasize aircraft lighting in normal, NVIS, covert modes, and variations that occur with different terrain/water, cultural lighting and contrast under HLL.

Performance Standard. Satisfactory completion per NFM, NTTP, SOP, and OPNAVINST 3710.7_.

Prerequisite. NITE LAB, MAWTS-1 NVD ASP ground instruction.

NS(H)-1151	3.0	*	B	NS	A	1 KC-130J

Goal. To introduce the CMUI the use of NVD in the Low Light Level (LLL) environment.

Requirement. Conduct all operations included in NS(H)-1150 under LLL conditions.

Performance Standard. Satisfactory completion per NFM, NTTP, SOP, and OPNAVINST 3710.7_.

Prerequisite. NS(H)-1150.

3.8.6 TACTICAL NAVIGATION (TN)

Purpose. Introduce the CMUI to the skills and duties of aft lookout doctrine in the tactical navigation environment.

General. The CMUI will be introduced to the hazards associated with the low level environment.

Crew Requirements. MI.

Academic Training. Utilize academic courseware as outlined in the appropriate chapter of the MAWTS-1 KC-130J Course Catalog.

TN-1200	2.0	*	B	D	A	KC-130J

Goal. Introduce the duties of an aft lookout observer during a day tactical navigation mission.

Requirement. The CMUI will perform the duties of an aft lookout observer during a day tactical navigation mission, perform cargo compartment preparation, attend crew briefing, discuss lookout doctrine, scan for threats and terrain clearance, conduct crew coordination, and execute FENCE checklists.

Performance Standard. Satisfactory completion per NFM, NTTP, SOP, and OPNAVINST 3710.7 .

Prerequisite. FAM-1000 and CBT: C1-40-01, C1-40-02, C1-40-03, C1-40-04, C1-40-05, C1-40-06

TN-1201	2.0	*	B,SC	D	A	1 KC-130J

Goal. Introduce the duties of an ACS observer during a day tactical navigation mission.

Requirement. The CMUI will perform the duties of an ACS lookout observer during a day tactical navigation mission, attend crew briefing, discuss lookout doctrine, scan for threats and terrain clearance, conduct crew coordination, and execute FENCE checklists.

Performance Standard. Satisfactory completion per NFM, NTTP, SOP, and OPNAVINST 3710.7.

Prerequisite. FAM-1000 and CBT: C1-40-01, C1-40-02, C1-40-03, C1-40-04, C1-40-05, C1-40-06

3.8.7 ASSAULT TRANSPORT // CARGO AND PASSENGER LOADING (CPL)

Purpose. Refresh the CMUI in cargo and passenger loading. A load simulator is the preferred training device for this stage. A KC-130J aircraft may be used as a substitute. At the end of this phase of instruction the CMUI will be familiar with cargo/passenger loading techniques such as:

Preflight and configure an aircraft per mission requirements for flights involving passengers and/or cargo.

Determine available seating and/or cargo space for load planning purposes.

Utilize all KC-130 loading aids conforming to the limitations, installations, and usage of each per NAVAIR 01-75GAA-9.

Safely load and off-load cargo per NAVAIR 01-75GAA-9.

Compute weight and balance for a simulated flight transporting a passenger/cargo payload.

Hazardous Cargo considerations will be discussed throughout this stage with emphasis on compatibility and cargo jettison.

Post flight the cargo compartment.

General. The CMUI will demonstrate a general understanding of basic cargo and passenger loading.

Crew Requirements. CPLI

CPL-1510	4.0	*	B,SC	(N)	S/A	1 KC-130J

Goal. Perform aircraft configurations for a flight transporting passengers with baggage. Discuss tanker considerations, limitations, and tie down procedures. The CMUI will prepare a FORM F.

Requirement. Perform aircraft configurations for a flight transporting passengers with baggage. Explain tanker considerations, limitations, and loading and tie down procedures. Perform preflight and post flight and operation of the dual rail system. The CMUI will prepare a Form F. In-flight cargo jettison procedures will be thoroughly explained by the CMUI.

Performance Standard. Satisfactory completion per NFM, NAVAIR 01-75GAA-9, SOP, and OPNAVINST 3710.7.

External Syllabus Support. Base Operations and Passenger Movement.

Prerequisite. Loadmaster Skills Portion of the ATU POI.

CPL-1511	4.0	*	B,SC	(N)	S/A	1 KC-130J

Goal. Perform loading procedures for rolling stock cargo.

Requirement. Perform aircraft configuration for a flight transporting rolling stock, winching procedures, limitations, and loading and tie down procedures. The CMUI will prepare a Form F. In-flight cargo jettison procedures will be thoroughly explained by the CMUI.

Performance Standard. Satisfactory completion per NFM, NAVAIR 01-75GAA-9, SOP, and OPNAVINST 3710.7.

External Syllabus Support. MWSS Support.

Prerequisite. Loadmaster Skills Portion of the ATU POI.

CPL-1512 4.0 * B,SC (N) S/A 1 KC-130J

Goal. Perform palletized cargo loading procedures.

Requirement. Perform aircraft configurations for a flight transporting palletized cargo. Discuss tanker considerations and demonstrate preflight/post flight and operation of the dual rail system. A forklift should be used as the primary loading vehicle. The CMUI will prepare a Form F. In-flight cargo jettison procedures will be thoroughly explained by the CMUI.

Performance Standard. Satisfactory completion per NFM, NAVAIR 01-75GAA-9, SOP, and OPNAVINST 3710.7.

External Syllabus Support. MWSS Support.

Prerequisite. Loadmaster Skills Portion of the ATU POI.

3.8.8 AIR-TO-AIR REFUELING (AAR)

Purpose. Familiarize Crewmasters with basic air to air refueling procedures and terminology.

General. Train the CMUI to perform the duties of an in-flight refueling observer. At the end of this phase of training the CMUI will be able to:

Preflight the aircraft per specific mission requirements.

Compute and file an accurate weight and balance form for the aircraft.

Perform duties as an in-flight refueling observer during hose operation, informing the Aircraft Commander of the status of the refueling system and receiver aircraft.

Correctly perform all related emergency procedures.

Crew Requirements. MI.

Academic Training. The CMUI shall be familiar with the NFM, NTTP, ATP-56, associated MAWTS-1 courseware that relates to the Air to Air refueling environment, and CBT's.

AAR-1600 2.0 * B D A 1 KC-130J

Goal. Introduce and review the duties of an in-flight refueling observer during a day Fixed-Wing or Tilt Rotor AAR mission.

Requirement. The CMUI will perform refueling observer duties during a day AAR mission. The observer should respond to all ICS and radio transmissions during the entire evolution. The CMUI will demonstrate a thorough understanding of all air to air refueling terminology and the use of EMCON procedures.

Performance Standard. Satisfactory completion of procedures per the NFM, NTTP, and ATP-56.

Prerequisite. FAM-1000 and CBT: C1-41-01, C1-41-02, C1-41-03, C1-41-04, C1-41-05, C1-41-06

AAR-1601 2.0 * B D A 1 KC-130J

Goal. Introduce and review the duties of an in-flight refueling observer during a day helicopter air to air refueling mission.

Requirement. The CMUI will perform refueling observer duties during a day air to air refueling mission. The observer should respond to all ICS and radio transmissions during the entire evolution. The CMUI will demonstrate a thorough understanding of all air to air refueling terminology and the use of EMCON procedures.

Performance Standard. Satisfactory completion of procedures per the NFM, NTTP, and ATP-56.

Prerequisite. FAM-1000 and CBT: C1-45-01, C1-45-02

3.8.9 AIR DELIVERY (AD)

Purpose. Familiarize Crewmasters with the basic AD procedures and terminology.

General. Train the CMUI to conduct Air delivery checklist procedures while occupying the ACS.

Crew Requirements. MI

AD-1700 2.0 * B,SC D A 1 KC-130J

Goal. Introduce ACS Air Delivery checklist procedures.

Requirement. The CMUI will occupy the ACS during an AD mission while conducting AD checklist procedures.

Performance Standard. Satisfactory completion of procedures per the NFM and the NTTP.

Prerequisite. FAM-1000.

External Syllabus Support. AD platoon, MHE, and DZ control.

3.9 CORE SKILL PHASE

3.9.1 General. Upon completion of this phase of training, the Crewmaster will be qualified in Core Skills. These skills include Night Systems High(NS(H)), Long Range Navigation (LRN), Tactical Navigation (TN), and ground based Threat Reaction (TR).

3.9.2 Stages. The following stages are included in the Mission Skill Phase of training.

Par No.	Stage Name
3.9.3	Night Systems (NS)
3.9.4	Long Range Navigation (LRN)
3.9.5	Tactical Navigation (TN)
3.9.6	Threat Reaction (TR)
3.9.7	Air-to-Air Refueling (AAR)

3.9.3 NIGHT SYSTEMS (NS)

Purpose. To qualify and maintain proficiency utilizing night vision devices.

General. Upon completion of this event, a Night Systems Qualified (NSQ) letter shall be signed by the unit commanding officer and placed in the NATOPS jacket.

Crew Requirements. Initial event conducted with a NSI.

Academic Training. MAWTS-1 NVD ASP courses and NITE lab (includes Night Vision Systems, NS Human Factors and Night Environment ASPs).

NS(H)-2150 2.0 365 B,SC,R NS A 1 KC-130J

Goal. To qualify or maintain proficiency in NS operations.

Requirement. The CMUI will demonstrate NVD features, characteristics, and inspection/adjustment. Emphasize aircraft lighting in normal, NVIS, covert modes, and variations that occur with different terrain/water, cultural lighting and contrast under high or low light conditions.

Performance Standard. Satisfactory completion per Fixed Wing NVD Manual, NFM, NTTP, and OPNAVINST 3710.7_.

Prerequisite. NS(H)-1151 and 10 hours of NVD time (5 shall be in low-light conditions).

3.9.4 LONG RANGE NAVIGATION (LRN)

Purpose. Train the Crewmaster in requirements for OCONUS operations.

General. This stage should have, at least, one mission that remains overnight outside the continental United States and requires clearing customs in a foreign country.

Academic Training. CMUI will receive instruction in the use of the Foreign Clearance Guide (FCG), Flight Information Handbook (FIH), and International Civil Aviation Organization (ICAO) procedures.

LRN-2160 6.0 * B,SC,R,M (N) A 1 KC-130J

Goal. Introduce or qualify the CMUI for LRN.

Requirement. The CMUI, under the direct supervision of a SI will perform all duties as a Crewmaster for LRN operations. The CMUI will demonstrate a thorough understanding of deployed GMS/PMA capabilities, ability to coordinate ground support and logistics as they pertain to maintenance considerations to include cold weather operations, overwater aircraft preflight, normal and alternate fuel management procedures, emergency equipment, and customs and agriculture planning.

Performance Standard. Satisfactory completion of the procedures per the NFM and pertinent ICAO publications.

Prerequisite. CBT: C1-37-02, C2-03-01, C2-03-02, C2-03-03, C1-46-01, C1-46-02, C1-46-03

3.9.5 TACTICAL NAVIGATION (TN)

Purpose. To qualify or maintain proficiency for the low level qualified Crewmaster in the tasks and requirements associated with low level flights.

Crew Requirements. MI, NSI, or WTI depending on event.

Academic Training. Review NFM, NTTP, CBT's and MAWTS-1 ASP Low Level Navigation Courseware.

TN-2201 2.0 365 B D A 1 KC-130J

Goal. Qualify or maintain proficiency in TN/LAT lookout duties.

Requirement. The CMUI, under the direct supervision of a MI will practice and review lookout duties during a day TN mission. The CMUI will practice and review cargo compartment preparation, crew briefing, lookout doctrine, threat scan, terrain clearance, crew coordination and FENCE checklists. The MI shall review and discuss LAT terminology and maneuvers during initial event training as they apply to crew coordination and cargo restraint.

Performance Standard. Satisfactory completion of the procedures per the NFM and NTTP.

Prerequisite. TN-1200-1201 CBT: C2-04-01, C2-04-02, C2-05-01, C2-05-02

TN-2250 2.0 365 B,R,M NS A 1 KC-130J

Goal. Qualify or maintain proficiency in TN/LAT lookout duties using NVDs.

Requirement. The CMUI, under the direct supervision of a MI will practice and review lookout duties during a TN mission using NVDs. The

CMUI will practice and review cargo compartment preparation, crew briefing, lookout doctrine, threat scan, crew coordination and FENCE checklists. The MI shall review and discuss LAT terminology and maneuvers during initial event training as they apply to crew coordination and cargo restraint.

Performance Standard. Satisfactory completion of the procedures per the NFM and NTTP standards.

Prerequisite. MAWTS-1 NVD ASP ground instruction, TN-2201

3.9.6 THREAT REACTION (TR)

Purpose. Introduce, qualify, or maintain proficiency in the use of defensive maneuvering coordinated with an Aircraft Survivability Equipment (ASE) suite against surface-to-air threat systems.

General. The aircraft must have a fully operational ASE suite and appropriate decoy flares must be loaded prior to flight. Threat emitters should be available.

Crew Requirements. MI, NSI or WTI depending on event.

Academic Training. The Crewmaster shall review pertinent chapters in the NTTP, receive the appropriate MAWTS-1 ASP's, and review the CBT's.

TR-2400	2.0	365	B,R,SC,M	(N)	A	1	KC-130J

Goal. Introduce, qualify, or maintain proficiency in the duties of a lookout observer in the surface to air threat environment.

Requirement. The CMUI, under the direct supervision of a MI or WTI will demonstrate the use of the ASE in combination with tactical maneuvering to defeat a ground-based threat. Preflight of ASE will be conducted.

Performance Standard. Satisfactory execution of procedures per the NFM and NTTP.

Prerequisite. CBT: C1-20-01, C1-40-45, C1-40-06, C2-06-01, C2-06-02, C2-06-03, C2-06-04, C2-06-05, C2-06-06, C2-07-01, 2150~NS, 2201

Ordnance. Flares.

External Syllabus Support. ASE range.

3.9.7 AIR-TO-AIR REFUELING OBSERVER (AAR)

Purpose. Continue instruction in AAR observer duties, or to maintain proficiency during day and night tactical refueling missions.

General. Emission control procedures may be used for any of the events in this stage.

Crew Requirement. MI, SI, or NSI depending on event.

Academic Training. Review NFM, ATP-56, NTTP, and MAWTS-1 AAR ASP.

AAR-2600	2.0	365	B	D	A	1 KC-130J

Goal. Qualify or maintain proficiency in AAR observer duties for Fixed Wing (FW) or Tilt Rotor (T) AAR.

Requirement. The CMUI, under the direct supervision of a MI shall perform AAR observer duties during FWAAR or TAAR refueling mission.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. AAR-1600, CBT: C4-03-01, C4-03-02

AAR-2601	2.0	365	B	D	A	1 KC-130J

Goal. Qualify or maintain proficiency in AAR observer duties for Helicopter AAR.

Requirement. The CMUI, under the direct supervision of a MI shall perform AAR observer duties during RW refueling mission.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. AAR-1601

AAR-2650	2.0	365	B,R,M	NS	A	1 KC-130J

Goal. Qualify or maintain proficiency in AAR observer duties using NVDs during AAR.

Requirement. The CMUI, under the direct supervision of an MI or NSI shall perform AAR observer duties using NVDs.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. NS-2150, AAR-2600, AAR-2601

3.10 MISSION SKILL PHASE

3.10.1 General. Upon completion of this phase of training, the Crewmaster will be qualified in Mission Skills. These skills include Assault Landing Zone (ALZ), Cargo and Passenger Loading (CPL), Air-to-Air Refueling (AAR), Aviation Delivered Ground Refueling (ADGR), and Air Delivery (AD). Simulator events shall be conducted with either an appropriate stage instructor or an appropriately qualified Contract Instructor (CI).

3.10.2 Stages. The following stages are included in the Mission Skill Phase of training.

Par No.	Stage Name
3.10.3	Assault Landing Zone (ALZ)
3.10.4	Assault Transport (AT) // Cargo and Passenger Loading (CPL)
3.10.5	Air to Air Refueling Operator (ARO)
3.10.6	Aviation Delivered Ground Refueling (ADGR)
3.10.7	Air Delivery (AD)

3.10.3 ASSAULT LANDING ZONE (ALZ)

Purpose. Introduce day and night ALZ operations, culminating in aircraft preparation, combat offload, and the introduction of the use of NVDs in the ALZ environment.

Crew Requirement. MI or WTI depending on event.

Academic Training. Review ALZ operations in NTTP. Review MAWTS-1 ASP ALZ courseware.

ALZ-3500 1.0 * B,SC (N) A 1 KC-130

Goal. Introduce, Qualify or maintain proficiency in ALZ Operations.

Requirement. The CMUI, under the direct supervision of a MI will demonstrate procedures for preparation of aircraft exterior for unimproved ALZ operations.

Performance Standard. Satisfactory completion of the procedures per the NFM, NTTP.

Prerequisite. (NS(H)-2150).

External Syllabus Support. USMC MMT, MWSS, EAF or USAF Combat Control Team with appropriate expeditionary airfield ALZ Marking/ Lighting and ARFF Support.

ALZ-3502 1.0 365 B,SC,R,M (N) A 1 KC-130

Goal. Introduce, Qualify or maintain proficiency in Combat Offload (COL).

Requirement. The CMUI, under the direct supervision of a CPLI will demonstrate the ability to prepare the cargo compartment for ALZ operations, conduct a COL, and direct the pilot in reverse taxi procedures.

Performance Standard. Satisfactory completion of the procedures per the NFM, NTTP.

Prerequisite. NS~2150, CPL-3512, NTPS-6013, NTPS-6015, CBT: C1-42-01, C1-42-02, C2-09-01, C2-09-02, C2-09-03

External Syllabus Support. Material Handling Equipment (MHE).

3.10.4 ASSAULT TRANSPORT (AT) // CARGO AND PASSENGER LOADING (CPL)

Purpose. Continue the Crewmaster's CPL instruction.

General

Preflight and configure an aircraft per mission requirements for flights involving passengers and/or cargo.

Determine available seating and/or cargo space for load planning purposes.

Utilize all KC-130 loading aids conforming to the limitations, installations, and usage of each per NAVAIR 01-75GAA-9.

Safely load and off-load cargo per NAVAIR 01-75GAA-9.

Compute weight and balance for a simulated flight transporting a passenger/cargo payload.

Post-flight cargo compartment.

Crew Requirements. CPLI.

CPL-3510 3.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in loading passengers with bags.

Requirement. The Crewmaster will configure an aircraft for a flight transporting passengers and baggage.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and OPNAVINST 3710.7.

Prerequisite. CPL-1510, NTPS-6013, NTPS-6015, NS~2150, CBT: L4-02-01

CPL-3511 3.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in loading rolling stock.

Requirement. The Crewmaster will configure an aircraft for a flight transporting rolling stock.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and OPNAVINST 3710.7.

Prerequisite. CPL-1511, NTPS-6013, NTPS-6015, NS~2150.

CPL-3512 3.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in loading palletized cargo.

Requirement. The Crewmaster will configure and load an aircraft for a flight transporting palletized cargo. The Crewmaster shall utilize the cargo handling system to include preflight.

Performance Standard. Per the NFM, and NAVAIR 01-75GAA-9 and OPNAVINST 3710.7.

Prerequisite. CPL-1512, NTPS-6013, NTPS-6015, NS~2150

CPL-3513 3.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in loading hazardous cargo.

Requirement. The Crewmaster will configure an aircraft for a flight transporting hazardous cargo IAW MCO P4030.19_.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and OPNAVINST 3710.7, and MCO P4030.19_.

Prerequisite. CPL-1512, NTPS-6013, NTPS-6015, NS~2150

3.10.5 AIR REFUELING SYSTEM OPERATOR (ARO)

Purpose. Continue instruction in AAR observer duties, or to maintain proficiency during day and night tactical refueling missions.

General. Emission control procedures may be used for any of the events in this stage.

Crew Requirement. SI

Academic Training. Review NFM, ATP-56, NTTP, and MAWTS-1 AAR ASP.

ACAD-3610 4.0 * B,SC CLSRM

Goal. Provide in-depth system knowledge of the Air Refueling System.

Requirement. The CMUI, under the direct supervision of a SI will receive in-depth instruction on the inner workings and operation of the hose reel assembly; and the hydraulic, fuel, and electrical components of the Air refueling system. A study and review of all normal and emergency procedures to include trouble shooting will be conducted.

Performance Standard. Satisfactory completion of the procedures per the NFM, Job Guides, ATP-56, and NTTP.

Prerequisite. AAR-2600, AAR-2601, NTPS-6013, or NTPS-6014.

External Syllabus Support. Class Room, PPT Lecture.

ARO-3611 4.0 * B,SC (N) S/A 1 WST/KC-130J

Goal. Introduce ACS FW/TR/H AAR procedures.

Requirement. The CMUI, under the direct supervision of a SI will be introduced to normal operations of the AR system from the ACS. Emphasize normal procedures, alternate procedures, system limitations and emergency procedures as they pertain to AAR.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. ACAD-3610

ARO-3612 4.0 * B,SC (N) S/A 1 KC-130J/WST

Goal. Refine ACS AAR procedures.

Requirement. The CMUI, under the direct supervision of a SI will be introduced to normal operations of the FW/TR/H AAR system from the ACS. Emphasize normal procedures, alternate procedures, system limitations and emergency procedures as they pertain to AAR. The CMUI will keep accurate records of the refueling evolution.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. AAR-3611

ARO-3613 4.0 180 B,SC,R,M (N) A/S 1 KC-130J

Goal. Qualify and maintain proficiency in ACS AAR procedures.

Requirement. The CMUI, under the direct supervision of a SI will demonstrate the ability to perform normal operations of the Air refueling system during AAR operations. Emphasize normal procedures, alternate procedures, system operation, system limitations and emergency procedures as pertaining to AAR mission and the ability to operate, diagnose and isolate discrepancies during AAR missions. The CMUI will keep accurate records of the refueling evolution. The initial event shall be conducted in the simulator, subsequent events may be conducted in the aircraft or simulator.

Performance Standard. Satisfactory completion of the procedures per the NFM, ATP-56, and NTTP.

Prerequisite. AAR-3612

External Syllabus Support. Receiver aircraft.

3.10.6 AVIATION DELIVERED GROUND REFUELING (ADGR)

Purpose. Qualify or maintain proficiency in ADGR missions.

Academic Training. Review NTTP ADGR procedures and MAWTS-1 ADGR ASP.

ADGR-3661 2.0 365 B,R,M (N) A 1 KC-130J

Goal. Qualify or maintain currency in ADGR point man duties during day/night ADGR operations.

Requirement. The CMUI, under the direct supervision of a RS, will be assist the RS in the conduct of a day/night ADGR, minimum 2-point setup, including the actual transfer of fuel to aircraft or Tactical Ground Vehicles (TGV). The CMUI will man and perform all duties associated with a refueling point during an ADGR mission.

Performance Standard. Satisfactorily complete the procedures per NFM and NTTP.

Prerequisite. CBT: L1-31-02

External Syllabus Support. CFR; aircraft or TGV.

3.10.7 AIR DELIVERY (AD)

Purpose. Qualify or maintain proficiency in Container Delivery System (CDS).

Crew requirement. ADI

Academic Training. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), Review the NFM, NAVAIR 01-75GAA-9, NTTP, MAWTS-1 AD ASP.

AD-3703 4.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in CDS AD.

Requirement. The CMUI, under the direct supervision of an ADI will conduct a CDS AD. The CMUI will perform preflight, rigging, briefing, loading, execution, and emergency procedures.

Performance Standard. Satisfactory completion of the procedures per the NFM, NAVAIR 01-75GAA-9, NTTP.

Prerequisite. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), Applicable MAWTS-1 ASP's, CPL-3512, NTPS-6015, (NS(H)-2150), and CBT: L1-32-01, L1-32-03, L2-06-01, L2-06-02

External syllabus. AD platoon, MHE, and DZ control.

AD-3705 4.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Introduce and qualify, or maintain proficiency in static line PERS AD.

Requirement. The CMUI, under the direct supervision of an ADI will perform a static PERS AD. The CMUI will perform preflight, rigging, briefing, loading, execution, and emergency procedures.

Performance Standard. Satisfactory completion of the procedures per the NFM, NAVAIR 01-75GAA-9, NTTP.

Prerequisite. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), Applicable MAWTS-1 ASP's, CPL-3510, NS~2150, CBT: L1-32-04, L1-32-05

External Syllabus Support. Parachutists, DZ control,

3.11 CORE PLUS SKILL PHASE

3.11.1 General

Upon completion of this phase of training, the Crewmaster will be qualified in Core Plus Skills. These skills include Air Delivery (AD), Battlefield Illumination (BI), and Close Air Support (CAS).

3.11.2 Stages. The following stages are included in the Core Plus Skill Phase of training.

Par No.	Stage Name
3.11.3	Aerial Delivery (AD)
3.11.4	Battlefield Illumination (BI)
3.11.5	Close Air Support (CAS)

3.11.3 AIR DELIVERY (AD)

Purpose. Introduce, qualify, or maintain proficiency in Crewmaster duties during an Air Delivery mission.

Academic Training. Review the NFM, NAVAIR 01-75GAA-9, NTTP, MAWTS-1 Air Delivery course ware.

AD-4700 2.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Introduce, qualify, or to maintain proficiency in personnel and cargo combination airdrop.

Requirement. The CMUI, under the direct supervision of an ADI will perform the duties as primary Crewmaster during a combination airdrop. The CMUI will perform preflight, rigging, briefing, loading, and execution and emergency procedures.

Performance Standard. Satisfactory completion of the procedures per the NFM, NAVAIR 01-75GAA-9, NTTP.

Prerequisite. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), (AD-3703), AD-3705, (AD-4703)

External support. Parachutists, AD Platoon, MHE, DZ control, and Flight Physiologist (as required).

AD-4701 2.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Introduce, qualify, or maintain proficiency in high altitude airdrop operations.

Requirement. The CMUI, under the direct supervision of an ADI will conduct a high altitude airdrop. The CMUI will preflight, rig, brief, load, and execute a high altitude airdrop. The initial event shall utilize the oxygen system and pre-breathing.

Performance Standard. Satisfactory completion of the procedures per the NFM, NTTP.

Prerequisite. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), CPL-3510

External Support. MFF parachutists, DZ control, and Flight Physiologist (as required).

AD-4703 4.0 365 B,SC,R,M (N) A 1 KC-130J

Goal. Qualify or maintain proficiency in HE AD.

Requirement. The CMUI, under the direct supervision of an ADI will conduct a HE AD. The CMUI will perform preflight, rigging, briefing, loading, execution, and emergency procedures.

Performance Standard. Satisfactory completion of the procedures per the NFM, NAVAIR 01-75GAA-9, NTTP.

Prerequisite. C-130 Loadmaster Mission Qualification Course (Air Delivery Training), Applicable MAWTS-1 ASP's, CPL-3512, NTPS-6017, NS~2150, CBT: L2-07-01, L2-07-02

External Syllabus Support. AD platoon, MHE, DZ control.

3.11.4 BATTLEFIELD ILLUMINATION (BI)

Purpose. Introduce, qualify, or maintain proficiency in flare delivery procedures.

Academic Training. MAWTS-1 Battlefield Illumination ASP.

BI-4710 3.0 * B N A 1 KC-130J

Goal. Introduce, qualify, or maintain proficiency in battlefield illumination as a Team Member.

Requirement. The CMUI, under the direct supervision of a QASO, will demonstrate the loading and operation of the flare dispenser. The CMUI will adhere to crew coordination, safety precautions and emergency procedures.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and NTTP.

Ordnance. LUU-2 and/or LUU-19 Series APFs are required for initial event.

BI-4711 3.0 365 B,R N A 1 KC-130J

Goal. Introduce, qualify, or maintain proficiency in battlefield illumination as a Team Leader.

Requirement. The CMUI, under the direct supervision of a QASO, will demonstrate the loading and operation of the flare dispenser. The CMUI will adhere to crew coordination, safety precautions and emergency procedures.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and NTTP.

Prerequisite. BI-4710.

Ordnance. LUU-2 and/or LUU-19 Series APFs are required for initial event.

3.11.5 CLOSE AIR SUPPORT (CAS)

Purpose. The purpose of this stage of instruction is to familiarize Crewmasters with the Harvest HAWK system and its operation. The purpose of this stage is to develop Close Air Support (CAS) skills and to become proficient in the ability to employ the AGM-114P Hellfire and SOPGM while conducting applicable employment checklists.

General. A Harvest HAWK system installed on an aircraft shall be used for the ground familiarization.

Crew Requirements. Shall be instructed by a qualified Harvest HAWK Crewmaster who retains any instructor designation.

Academics. Crewmasters shall receive the following classes from a Qualified CAS Pilot, FCO or Ordnance personnel:

Harvest HAWK Introduction/ Equipment Overview
Laser Safety
CAS Fundamentals
CAS Execution
Harvest HAWK Crew Coordination
SOPGM Handling and Troubleshooting
Harvest HAWK Employment

CAS-4802	1.0	*	B,SC	D	A	KC-130J HH

Goal. Introduce Harvest HAWK aircraft and operations (ground familiarization).

Requirement. Introduce the CMUI to interior and exterior preflights, the Harvest HAWK systems and operations, and all applicable checklists required for weapons employment.

Performance Standard. Correctly preflight and operate the applicable systems and checklist as a Harvest HAWK crew member.

CAS-4811	2.5	365	B,R,SC,M	(N)	A	1 KC-130J HH

Goal. Weapons employment.

Requirement. CMUI will conduct applicable checklists for 1 AGM-114P Hellfire and 1 SOPGM during employment.

Performance Standard. Operate system IAW applicable publications. In conjunction with the cockpit crew, establish proper communication and checklist response during employment.

Prerequisite. CAS-4802

Ordnance. 1 AGM-114P CATM; 1 SOPGM CATM.

Range Requirement. Suitable SUAS.

3.12 INSTRUCTOR TRAINING STAGE

3.12.1 Instructor Training

Purpose. Introduce instructor roles and standardization, preparing the IUT for follow on qualification as a Mission Instructor (MI), Cargo Passenger Loading Instructor (CPLI), Airdrop Instructor (ADI), and Systems Instructor (SI).

General. Standardization will be emphasized throughout Instructor training.

Academic Training. CBTs, MAWTS-1 ASPs.

ACAD-5000	3.0	*	B	CLSRM

Goal. Instructor training.

Requirement. The IUT will be instructed by an ANI utilizing the MAWTS-1 ASPs (Student/Instructor Roles and Student Briefing and Critique) on effective instructor roles, strategies, techniques, communication, and oral questioning appropriate to basic instructional methods for classroom and aircraft instruction.

Performance Standard. The IUT will exhibit an understanding of effective instructor roles, strategies, techniques, communication, and oral questioning appropriate to basic instructional methods.

Prerequisite. CBT: C5-01-01, C5-01-02, C5-01-03, C5-01-04, C1-01-05, C5-03-01, C5-03-02, C5-03-03.

IUT-5100 3.0 * B (N) A 1 KC-130J

Goal. Continue Instructor training.

Requirement. The IUT will demonstrate the ability to correct common CMUI errors while applying effective instructional techniques.

Performance Standard. The IUT will demonstrate effective instructor roles, strategies, techniques, communication, and oral questioning appropriate to basic instructional methods.

Prerequisite. ACAD-5000

IUT-5101 3.0 * B,R (N) A 1 KC-130J

Goal. Refine Instructor training.

Requirement. The IUT will demonstrate the ability to correct common CMUI errors while applying effective instructional techniques.

Performance Standard. The IUT will demonstrate effective instructor roles, strategies, techniques, communication, and oral questioning appropriate to basic instructional methods.

Prerequisite. IUT-5100

3.12.2 CARGO AND PASSENGER LOADING STAGE INSTRUCTOR TRAINING

Purpose. Qualify the IUT as a Cargo Passenger Loading Instructor (CPLI).

General. Standardization will be emphasized throughout Instructor training.

CPLI-5102 3.0 * B,R (N) E A 1 KC-130J

Goal. Cargo Passenger Loading Instructor.

Requirement. The CM IUT will demonstrate the ability to instruct a CMUI on CPL and COL events. The IUT will demonstrate the ability to correct common CMUI errors. The CM IUT will apply standardized instructional techniques and be evaluated by a CM ANI or CMLM ANI.

Performance Standard. IAW NFM and applicable publications.

Prerequisite. IUT-5101, CPL-3510 through CPL-3513, and ALZ-3502.

3.12.3 Mission Stage Instructor Training

Purpose. Qualify the IUT as a Mission Instructor (MI).

General. Standardization will be emphasized throughout Instructor training.

MI-5103	3.0	*	B,R	(N)	E	A	1 KC-130J

Goal. Mission Instructor.

Requirement. The CM IUT will demonstrate the ability to instruct a CMUI on Core and Mission Skill events. The IUT will demonstrate the ability to correct common CMUI errors. The CM IUT will apply standardized instructional techniques and be evaluated by a CM ANI, CMCC ANI, or CMLM ANI.

Performance Standard. IAW NFM and applicable publications.

Prerequisite. NS-2150, TN-2201, TN-2250, LRN-2160, AAR-2600, AAR-2601, ALZ-3502 or ALZ-3500, IUT-5101.

3.12.4 SYSTEMS STAGE INSTRUCTOR TRAINING

Purpose. Qualify the IUT as a Systems Instructor (SI).

General. Standardization will be emphasized throughout Instructor training.

SI-5104	3.0	*	B,R	(N)	E	A	1 KC-130J

Goal. Systems Instructor.

Requirement. The CM IUT will demonstrate the ability to instruct a CMUI on aircraft system inspection, theory of operation, in-flight trouble shooting, and maintenance repair. The IUT will demonstrate the ability to correct common CMUI errors. The CM IUT will apply standardized instructional techniques and be evaluated by a CM ANI or CMCC ANI.

Performance Standard. NFM, applicable publications.

Prerequisite. NS-2150, ARO-3613, IUT-5101, Plane Captain.

3.12.5 AIR DELIVERY STAGE INSTRUCTOR TRAINING

Purpose. Qualify the IUT as an Airdrop Instructor (ADI).

General. Standardization will be emphasized throughout Instructor training.

Academic Training. CBT's.

ADI-5700	3.0	*	B,R	(N)	E	A	1 KC-130J

Goal. Air Delivery Instructor.

Requirement. The CM IUT will demonstrate the ability to instruct a CMUI on AD's, and correct common CMUI errors. The CM IUT will apply standardized instructional techniques and be evaluated by a CM ANI or LM ANI.

Performance Standard. IAW NFM and applicable publications.

Prerequisite. NS-2150, AD-3703 ,AD-3705, AD-4700, AD-4701,AD-4703, IUT-5101.

3.12.6 NATOPS INSTRUCTOR TRAINING

Purpose. Qualify as a NATOPS Instructor/Assistant NATOPS Instructor (ANI).

General. Standardization will be emphasized throughout Instructor training.

Academic Training. Use academic courseware as outlined in the NFM and OPNAV 3710.7.

NI-5140 2.0 * B (N) E A 1 KC-130J

Goal. Train the Assistant NATOPS Instructor.

Requirement. The CM will demonstrate the ability to evaluate a student CM in all facets of the duties of a CM on the KC-130J. The NATOPS Instructor or NATOPS Evaluator will conduct a comprehensive evaluation of Assistant NATOPS Instructors with emphasis on standardization and grading criteria.

Performance Standard. Per the NFM and OPNAVINST 3710.7.

Prerequisite. IUT-5101 and 1000 flight hours in the KC-130T/J aircraft.

NI-5141 2.0 * B,SC,R (N) E A 1 KC-130J

Goal. Crewmaster ANI Evaluation flight.

Requirement. The ANI will evaluate a Crewmaster (CM), Crewmaster Crew Chief (CMCC), or a Crewmaster Loadmaster (CMLM) in NATOPS procedures under supervision of a NE/NI. At the completion of this sortie, the Crewmaster shall be designated by the Commanding Officer.

Performance Standard. IAW NFM and OPNAVINST 3710.7.

Prerequisite. NTPS-6013, NI-5140.

NI-5142 2.0 * B,SC,R (N) E A 1 KC-130J

Goal. Crewmaster Crew Chief ANI Evaluation flight.

Requirement. The ANI will evaluate a Crewmaster (CM) or Crewmaster Crew Chief (CMCC) in NATOPS procedures under supervision of a NE/NI. At the completion of this sortie, the Crewmaster Crew Chief shall be designated by the Commanding Officer.

Performance Standard. IAW NFM and OPNAVINST 3710.7.

Prerequisite. NTPS-6014, NI-5140.

NI-5143 2.0 * B,SC,R (N) E A 1 KC-130J

Goal. Crewmaster Loadmaster ANI Evaluation flight.

Requirement. The ANI will evaluate a Crewmaster (CM) or Crewmaster Loadmaster (CMLM) in NATOPS procedures under supervision of a NE/NI. At the completion of this sortie, the Crewmaster Loadmaster shall be designated by the Commanding Officer.

Performance Standard. IAW NFM and OPNAVINST 3710.7.

Prerequisite. NTPS-6015, NI-5140.

3.12.7 NIGHT SYSTEMS INSTRUCTOR TRAINING

Purpose. Qualify as a Night Systems Instructor (NSI).

General. Standardization will be emphasized throughout Instructor training. A MAWTS-1 Instructor shall evaluate the NS-5152 event and the workups may be conducted by squadron NSI's.

Academic Training. Use academic courseware as outlined in the NFM and the MAWTS-1 KC-130J Course Catalog.

NS-5150 3.0 * B NS E A 1 KC-130J

Goal. Begin Night Systems Instructor syllabus.

Requirement. IUT will demonstrate the ability to instruct a crewmember in NS Core Skill T&R events and correct common CMUI errors. The IUT will apply standardized instructional techniques.

Performance Standard. IAW MAWTS-1 KC-130J Course Catalog.

Prerequisite. NS-2150, IUT-5101, IAW MAWTS-1 KC-130J Course Catalog.

NS-5151 3.0 * B NS E A 1 KC-130J

Goal. Continue Night Systems Instructor syllabus.

Requirement. IUT will demonstrate the ability to instruct a crewmember in NS Mission Skill T&R events and demonstrate the ability to correct common CMUI errors. The IUT will apply standardized instructional techniques

Performance Standard. IAW MAWTS-1 KC-130J Course Catalog.

Prerequisite. NS-5150.

NS-5152 2.0 * B,R NS E A 1 KC-130J

Goal. NSI Evaluation.

Requirement. Per MAWTS-1 KC-130J Course Catalog. Upon certification by MAWTS-1, the NSI designation shall be signed by the squadron Commanding Officer.

Performance Standard. Satisfactorily execute the procedures per NFM, NTTP, and MAWTS-1 ASP for NSI.

Prerequisite. NS-5151.

External Syllabus Support. MAWTS-1 Instructor.

3.12.8 WEAPONS AND TACTICS INSTRUCTOR (WTI)

Purpose. Certify the KC-130 Crewmaster Instructor as a WTI capable of safely conducting ground and airborne instruction in the KC-130 Crewmaster syllabus as outlined in MCO 3500.19 and the MAWTS-1 WTI Course Catalog.

General. The KC-130 WTI syllabus is developed by MAWTS-1 and is conducted in conjunction with the WTI Course. Upon graduation, the candidate will be certified by MAWTS-1 as a WTI Crewmaster. WTI designation can only be made by the squadron commanding officer.

Ground Training. As published in the MAWTS-1 WTI Course Catalog.

Flight Training. As published in the MAWTS-1 WTI Course Catalog.

3.13 CONTRACT INSTRUCTOR TRAINING

3.13.1 General. The purpose of this phase of training is to train qualified Contract Instructors for various levels of instruction to include Crewmaster ground familiarization training and operation of the simulator.

CIs should complete the POI in order to achieve each stage instructor qualification. CIs shall have been previously qualified and held the designation of at least one stage instructor qualification such as MI, SI, or CPLI. CIs should be previously qualified as NSI and CRMF in order to fully support the CM training syllabus.

CIs shall receive an annual ground evaluation in the performance of their instructor duties as they pertain to the individual's qualifications. CIs shall be designated in writing by the Model Manager.

3.14 REQUIREMENTS, QUALIFICATIONS, DESIGNATIONS (RQD) PHASE

3.14.1 Purpose. Track NATOPS Qualifications.

3.14.2 General. "E"-coded sorties in the 6000 phase may be logged in conjunction with any sortie that completes its stage. CSP is not awarded for these 6000 sorties; however, CSP credit may be obtained by logging the appropriate training code(s) in the 2000-4000 phase syllabi. Once the flight to attain the qualification/designation is complete, a letter from the Squadron Commanding Officer awarding the qualification/designation shall be placed in the NATOPS Jacket before that qualification/designation can be used. Simulator events shall be conducted with either an appropriate stage instructor or an appropriately qualified Contract Instructor (CI).

3.14.3 Stages. The following stages are included in the Requirement, Qualifications, and Designation Phase of training.

Par No.	Stage Name
3.14.4	Academic and NATOPS Evaluations (NTPS)
3.14.5	Functional Check Flight Qualification (FCF)
3.14.6	Refueling Supervisor Qualification (RS)
3.14.7	Battlefield Illumination Quality Assurance Safety Observer Qualification (QASO)

3.14.4 NATOPS Evaluation (NTPS)

Purpose. To conduct an initial or annual NATOPS exam.

NTPS-6010 3.0 365 B,SC,R,M E

Goal. NATOPS open book exam.

Requirement. Crewmaster will complete a NATOPS open book examination.

Performance Standard. Per NATOPS.

Prerequisite. Applicable 1000 Phase complete.

NTPS-6011 1.0 365 B,SC,R,M E

Goal. NATOPS closed book exam.

Requirement. Crewmaster will complete a NATOPS closed book examination.

Performance Standard. Per NATOPS.

Prerequisite. NTPS-6010.

NTPS-6012 3.0 365 B,SC,R,M E

Goal. NATOPS oral exam.

Requirement. Crewmaster will complete a NATOPS oral examination.

Performance Standard. Per NATOPS.

Prerequisites. NTPS-6011.

NTPS-6013 4.0 365 B,SC,R,M (N) E A 1 KC-130J

Goal. Crewmaster (CM) NATOPS evaluation.

Requirement. A CM ANI, or a CMCC ANI together with a CMLM ANI, will evaluate the CM per NATOPS.

Performance Standard. Per NFM.

Prerequisite. CNATT KC-130J Crew Chief Organizational Ground Maintenance Course or the ATU approved Ground Maintenance Conversion Course, and the USAF RFIQ Loadmaster Course or the ATU approved Loadmaster Course, NTPS-6010, NTPS-6011, NTPS-6012, Core Skill Introduction Phase complete.

NTPS-6014 4.0 365 B,SC,R,M (N) E A 1 KC-130J

Goal. Crewmaster Crew Chief (CMCC) NATOPS evaluation.

Requirement. A CMCC ANI or CM ANI will evaluate the CMCC per NATOPS.

Performance Standard. Per NFM.

Prerequisite. Crew Chief Ground Maintenance Course, FAM-1000 thru FAM-1009, FAM-1201, FAM-1600, FAM-1601, and FAM-1700.

NTPS-6015 4.0 365 B,SC,R,M (N) E A 1 KC-130J

Goal. Crewmaster Loadmaster (CMLM) NATOPS evaluation.

Requirement. A CMLM or CM ANI/NATOPS Instructor/Evaluator will evaluate the CMLM per NATOPS.

Performance Standard. Per NFM.

Prerequisite. RFIQ, CPL-1510, CPL-1511, CPL-1512, CPL-3513, FAM-1200, FAM-1600, and FAM-1601.

NTPS-6016 N/A 365 B,SC,R,M (N) E A 1KC-130J

Goal. Crewmaster (CM) Plane Captain Designation.

Requirement. Completion of ASM Plane Captain Syllabus as outlined in Local Command Procedure.

Performance Standard. Per COMNAVFORINST 4790.2 and Local Command Procedure.

Prerequisite. Per COMNAVFORINST 4790.2 and Local Command Procedure.

3.14.5 FUNCTIONAL CHECK FLIGHT (FCF)

Purpose. To continue instruction and maintain proficiency in FCF procedures. Perform all FCF procedures IAW NATOPS, COMNAVAIRFORINST 4790.2, and OPNAVINST 3710.7.

General. This phase of training shall be instructed by a SI.

Ground/Academic Training. The CMUI will be familiar with FCF procedures.

FCF-6105 2.0 365 B,SC,M D A 1 KC-130J

Goal. To introduce, qualify, and maintain currency in partial FCF Flight Profiles B, C, and D.

Requirement. To conduct a partial FCF coordinating and documenting all the requirements of the MIMS, NATOPS, SOP, and 4790.2.

Performance Standard. Per the NFM, OPNAVINST 3710.7, and COMNAVAIRFORINST 4790.2.

Prerequisite. Plane Captain.

FCF-6106 4.0 * B,SC D S/A 1 WST/KC-130J

Goal. To introduce the CM to the Full Card FCF procedures.

Requirement. Introduce an "A" profile FCF.

Performance Standard. Per the NFM, OPNAVINST 3710.7, and COMMNAVAIRFORINST 4790.2_.

Prerequisite. ARO-3613, Plane Captain.

FCF-6107 4.0 365 B,SC,R,M D A 1 KC-130J

Goal. To qualify and maintain currency in Full Card FCF procedures.

Requirement. Conduct an "A" profile FCF.

Performance Standard. Per the NFM, OPNAVINST 3710.7, and COMMNAVAIRFORINST 4790.2_.

Prerequisite. FCF-6106.

3.14.6 AVIATION DELIVERED GROUND REFUELING (ADGR)

Purpose. Qualify or maintain proficiency as a Refueling Supervisor (RS) on ADGR missions.

General. Upon completion of these events the Crewmaster will be designated by the commanding officer as a Refueling Supervisor.

Academic Training. Review NTTP ADGR procedures and MAWTS-1 ADGR ASP.

RS-6652 2.0 365 B,R,M (N) A 1 KC-130J

Goal. Introduce and qualify, or maintain proficiency for ADGR RS.

Requirement. The Crewmaster will plan, brief and execute a NS ADGR, minimum 2 point setup, including an actual transfer of fuel to aircraft or TGV for initial event. Subsequent events may be conducted as day ADGR, night ADGR or NS ADGR. This code will be instructed by a WTI.

Performance Standard. Satisfactory completion of the procedures per the NFM, NTTP.

Prerequisite. NS-2150, ADGR-3661

External Syllabus Support. CFR, and aircraft or TGV.

3.14.7 BATTLEFIELD ILLUMINATION QUALITY ASSURANCE SAFETY OBSERVER (BI QASO)

Purpose. Introduce, qualify, or maintain proficiency in flare delivery procedures as the Quality Assurance Safety Observer (QASO).

Academic Training. MAWTS-1 Battlefield Illumination ASP.

QASO-6710	3.0	365	B,R,M	N	A	1 KC-130J

Goal. Introduce, qualify, or maintain proficiency in Battlefield Illumination as a QASO.

Requirement. The CM will supervise the loading and operation of the flare dispenser. The CM will adhere to crew coordination and safety precautions while performing duties of a QASO, as defined in the NTTP. Initial instruction will be conducted by a WTI.

Performance Standard. Per the NFM, NAVAIR 01-75GAA-9, and NTTP

Prerequisites. BI-4711

Ordnance. LUU-2 and/or LUU-19 Series APFs are required for initial event.

External Support. Ordnance Qualified Personnel.

KC-130J CREWMASTER ATTAIN AND MAINTAIN TABLE

T&R EVENT INFORMATION				ATTAIN PROFICIENCY						MAINTAIN PROF		PREREQUISITES	CHAINING	INSTRUCTOR
				BASIC POI		SC POI		REF POI		MAINTAIN POI				
T&R DESCRITION	SKILL	EVENT #	RE-FLY	SKILL	EVENT #	SKILL	EVENT #	SKILL	EVENT #	SKILL	EVENT #			
CORE SKILL INTRODUCTION (1000 Phase)														
FAM FLIGHT	FAM	1000	*	FAM	1000	FAM	1000	FAM		FAM				MI,SI,CPLI
ENGINE SYSTEMS FAM	SYS	1001	*		1001		1001					1000		SI
PROPELLER SYSTEMS FAM	SYS	1002	*		1002		1002					1001		SI
FUEL SYSTEMS FAM	SYS	1003	*		1003		1003					1002		SI
ELECTRIC AND DATA BUS	SYS	1004	*		1004		1004					1003		SI
HYDRAULIC SYSTEMS FAM	SYS	1005	*	SYS	1005	SYS	1005	SYS		SYS		1004		SI
BLEED AIR/ ICE PROT	SYS	1006	*		1006		1006					1005		SI
AIR COND/PRESS FAM	SYS	1007	*		1007		1007					1006		SI
COMM/NAV SYSTEM FAM	SYS	1008	*		1008		1008					1007		SI
SYS MALFUNCTION SIM	SYS	1009	*		1009		1009					1001		SI
HLL NS FAM	NS	1150	*	NS	1150	NS		NS		NS		1000		NSI
LLL NS FAM	NS	1151	*		1151							1000,1150		NSI
TACNAV	TN	1200	*	TN	1200	TN		TN		TN		1000		MI
TACNAV	TN	1201	*		1201		1201					1000		MI
CARGO/PAX LOADING	CPL	1510	*		1510		1510					1000		CPLI
CARGO/PAX LOADING	CPL	1511	*	CPL	1511	CPL	1511	CPL		CPL		1000		CPLI
CARGO/PAX LOADING	CPL	1512	*		1512		1512					1000		CPLI
AIR-TO-AIR REFUELING	AAR	1600	*	AAR	1600	AAR		AAR		AAR		1000		MI
AIR-TO-AIR REFUELING	AAR	1601	*		1601							1000		MI
AIR DELIVERY	AD	1700	*	AD	1700	AD	1700	AD		AD		1000		MI
CORE SKILL (2000 PHASE)														
NIGHT SYSTEMS QUAL	NS	2150R	365	NS	2150R	NS	2150R	NS	2150R	NS	2150R	1151		NSI
LONG RANGE NAV	LRN	2160R	*	LRN	2160R	LRN	2160R	LRN	2160R	LRN	2160R			SI
TACNAV	TN	2201	365	TN	2201	TN		TN		TN		1200,1201		MI
TACNAV	TN	2250R	365		2250R				2250R		2250R	2201	2150, 2201	MI
THREAT REACTION	TR	2400R	365	TR	2400R	TR	2400R	TR	2400R	TR	2400R	2150~NS,2201	2201	WTI
AIR-TO-AIR REF OBS	AAR	2600	365		2600									MI
AIR-TO-AIR REF OBS	AAR	2601	365	AAR	2601	AAR		AAR						MI
AIR-TO-AIR REF OBS	AAR	2650R	365		2650R				2650R		2650R	2150,2600,2601	2600,2601,2150	MI
MISSION SKILL (3000 PHASE)														
ASSAULT LANDING ZONE	ALZ	3500	*	ALZ	3500	ALZ		ALZ		ALZ		2150~NS		MI
ASSAULT LANDING ZONE	ALZ	3502R	365		3502R		3502		3502R		3502R	2150~NS,3512	3512	CPLI
CARGO/PAX LOADING	AT	3510R	365		3510R		3510R		3510R		3510R	1510,6013,6015,2150~NS		CPLI
CARGO/PAX LOADING	AT	3511R	365	AT	3511R	AT	3511R	AT	3511R	AT	3511R	1511,6013,6015,2150~NS		CPLI
CARGO/PAX LOADING	AT	3512R	365		3512R		3512R		3512R		3512R	1512,6013,6015,2150~NS		CPLI
CARGO/PAX LOADING	AT	3513R	365		3513R		3513R		3513R		3513R	1512,6013,6015,2150~NS		CPLI
AIR REFUELING SYS OP	AAR	3610	*		3610		3610					2600,2610,6013 or 6014		SI
AIR REFUELING SYS OP	AAR	3611	*	AAR	3611	AAR	3611	AAR		AAR		3610		SI
AIR REFUELING SYS OP	AAR	3612	*		3612		3612					3611		SI
AIR REFUELING SYS OP	AAR	3613R	180		3613R		3613R		3613R		3613R	3612	2600,2601	SI
ADGR	ADGR	3661R	365	ADGR	3661	ADGR		ADGR	3661R	ADGR	3661R			RS,WTI

KC-130J CREWMASTER ATTAIN AND MAINTAIN TABLE														
T&R EVENT INFORMATION				ATTAIN PROFICIENCY						MAINTAIN PROF		PREREQUISITES	CHAINING	INSTRUCTOR
				BASIC POI		SC POI		REF POI		MAINTAIN POI				
T&R DESCRITION	SKILL	EVENT #	RE-FLY	SKILL	EVENT #	SKILL	EVENT #	SKILL	EVENT #	SKILL	EVENT #			
AIR DELIVERY	AD	3703R	365	AD	3703R	AD	3703R	AD	3703R	AD	3703R	2150~NS,3512	3512	ADI
AIR DELIVERY	AD	3705R	365		3705R		3705R		3705R		3705R	2150~NS,3510	3510	ADI
CORE PLUS SKILL (4000 PHASE)														
AIR DELIVERY	AD	4700R	365	AD	4700R	AD	4700R	AD	4700R	AD	4700R	(3703),3705,(4703)	3703,3705	ADI
AIR DELIVERY	AD	4701R	365		4701R		4701R		4701R		4701R	3510	3510	ADI
AIR DELIVERY	AD	4703R	365		4703R		4703R		4703R		4703R	3512	3512	ADI
BI	BI	4710	*	BI	4710	BI		BI		BI				QASO
BI	BI	4711R	365		4711R				4711R		4711R	4710		QASO
HARVEST HAWK FAM	CAS	4802	*	HH	4802	HH		HH		HH				MI
HH BAS	CAS	4811R	365		4811R		4811R		4811R		4811R			MI
INSTRUCTOR TRAINING (5000 PHASE)														
INST UNDER TRAINING	IUT	5000	*	IUT	5000	IUT		IUT		IUT				ANI
INST UNDER TRAINING	IUT	5100	*		5100							5000		ANI
INST UNDER TRAINING	IUT	5101R	*		5101R				5101R			5100		ANI
CARGO/PAX LOADING INST	CPLI	5102R	*	CPLI	5102R	CPLI		CPLI	5102R	CPLI		5101, 3510-3513, 3502		ANI
MISSION STAGE INST	MI	5103R	*	MI	5103R	MI		MI	5103R	MI		2150,2160,2201,2250,2600, 2601,3502 or 3500,5101		ANI
SYSTEMS INST	SI	5104R	*	SI	5104R	SI		SI	5104R	SI		2150, 3613, 5101		ANI
AIR DELIVERY INST	ADI	5105R	*	ADI	5104R	ADI		ADI	5104R	ADI		3703,3705,4700,4701,4703,5101,2150~NS		ANI
NATOPS INST	NI	5140	*	NI	5140	NI		NI		NI		5101		ANI
NATOPS INST CM	NI	5141R	*		5141R		5141R		5141R			5140,6013		NI,NE
NATOPS INST CMCC	NI	5142R	*		5142R		5142R		5142R			5140,6014		NI,NE
NATOPS INST CMLM	NI	5143R	*		5143R		5143R		5143R			5140,6015		NI,NE
NIGHT SYSTEMS INST	NSI	5150	*	NSI	5150	NSI		NSI		NSI		2150~NS,5101		NSI
NIGHT SYSTEMS INST	NSI	5151	*		5151							5150		NSI
NIGHT SYSTEMS INST	NSI	5152R	*		5152R				5152R			5151		MAWTS-1 IP
REQUIREMENTS, QUALIFICATIONS AND DESIGNATIONS (6000 PHASE)														
NATOPS OPEN BOOK	NTPS	6010R	365	NTPS	6010R	NTPS	6010R	NTPS	6010R	NTPS	6010R			ANI
NATOPS CLOSED BOOK	NTPS	6011R	365		6011R		6011R		6011R		6011R	6010		ANI
NATOPS ORAL EXAM	NTPS	6012R	365		6012R		6012R		6012R		6012R	6011		ANI
NATOPS CM	NTPS	6013R	365		6013R		6013R		6013R		6013R	6012,1000-1700,6010,6011		ANI
NATOPS CMCC	NTPS	6014R	365		6014R		6014R		6014R		6014R	1007-1009,1201,1600,1601,1700		ANI
NATOPS CMLM	NTPS	6015R	365		6015R		6015R		6015R		6015R	1510-1512,1200,1600,1601,3513		ANI
NATOPS PC	NTPS	6016R	365		6016R		6016R		6016R		6016R	COMNAVFORINST 4790.2		ANI
FCF	FCF	6105	365	FCF	6105	FCF	6105	FCF		FCF				SI
FCF	FCF	6106	*		6106		6106					3613		SI
FCF	FCF	6107R	365		6107R		6107R		6107R		6107R	6106	6105	SI
ADGR RS	RS	6652R	365	RS	6652R	RS		RS	6652R	RS	6652R	2150~NS,3661		WTI
BI QASO	QASO	6710R	365	QASO	6710R	QASO		QASO	6710R	QASO	6710R	4711	4711	WTI

3.16 T&R SYLLABUS MATRICES

KC-130J CREWMASTER SYLLABUS MATRIX

STAGE	EVENT CODE	EVENT TITLE	POI	E	DEVICE TYPE	DEVICE #	DEVICE OPTION	COND	REFLY	ACAD EVENTS #	ACAD EVENTS TIME	SIM EVENTS #	SIM EVENTS TIME	FLIGHT EVENTS #	FLIGHT EVENTS TIME	EVENT CONV
FAM	1000	INTRO IN-FLT PROC	B,SC		A	1		(N)	*						3.5	FAM-1109
SYS	1001	ENGINES	B,SC		A	1		(N)	*						3.5	FAM-1001
SYS	1002	PROPS	B,SC		A	1		(N)	*						3.5	FAM-1002
SYS	1003	FUEL	B,SC		A	1		(N)	*						3.5	FAM-1003
SYS	1004	ELEC/DATA BUS	B,SC		A	1		(N)	*						3.5	FAM-1005
SYS	1005	HYDRAULICS	B,SC		A	1		(N)	*						3.5	FAM-1006
SYS	1006	BLEED AIR/ICE PRO	B,SC		A	1		(N)	*						3.5	FAM-1007
SYS	1007	AC/PRESS	B,SC		A	1		(N)	*						3.5	FAM-1008
SYS	1008	COMM/NAV	B,SC		A	1		(N)	*						3.5	FAM-1009
SIM	1009	MALFUNCTIONS/EPs	B,SC		S	1		(N)	*				4.0			-
TOTAL FAM/SYS/SIM STAGE												1	4.0	9	31.5	
NIGHT SYSTEMS NS(H)																
NS(H)	1150	INTRO HLL	B		A	1		NS	*						3.0	NS(H)-1150
NS(H)	1151	INTRO LLL	B		A	1		NS	*						3.0	NS(H)-1151
TOTAL NS(H) STAGE														2	6.0	
TACTICAL NAVIGATION (TN)																
TN	1200	AFT OBSERVER	B		A	1		D	*						2.0	TN-1200
TN	1201	ACS OBSERVER	B,SC		A	1		D	*						2.0	TN-2202
TOTAL TN STAGE														2	4.0	
CARGO AND PASSENGER LOADING (CPL)																
CPL	1510	PAX AND BAGS	B,SC		S/A	1		(N)	*						4.0	CPL-1515
CPL	1511	ROLLING STOCK	B,SC		S/A	1		(N)	*						4.0	CPL-1512
CPL	1512	PALLETIZED	B,SC		S/A	1		(N)	*						4.0	CPL-1514
TOTAL CPL STAGE														3	12.0	
AIR-TO-AIR REFUELING OBSERVER (AAR)																
AAR	1600	FW/TR AAR OBSERVER	B		A	1		D	*						2.0	AAR-1600
AAR	1601	H AAR OBSERVER	B		A	1		D	*						2.0	AAR-1601
TOTAL AAR STAGE														2	4.0	
AERIAL DELIVERY (AD)																
AD	1700	CHECKLIST PROC	B,SC		A	1		D	*						2.0	AD-3702
TOTAL AD STAGE														1	2.0	
TOTAL CORE SKILL INTRODUCTION (1000)												1	4.0	19	59.5	

KC-130J CREWMASTER SYLLABUS MATRIX																
STAGE	EVENT CODE	EVENT TITLE	POI	E	DEVICE TYPE	DEVICE #	DEVICE OPTION	COND	REFLY	ACAD EVENTS #	ACAD EVENTS TIME	SIM EVENTS #	SIM EVENTS TIME	FLIGHT EVENTS #	FLIGHT EVENTS TIME	EVENT CONV
CORE SKILL TRAINING (2000 Phase)																
NIGHT SYSTEMS (NS(H))																
NS	2150	NS QUAL	B,SC,R,M		A	1		NS	365						2.0	NS(H)-2150
TOTAL NS(H) STAGE														1	2.0	
LONG RANGE NAVIGATION (LRN)																
LRN	2160	LONG RANGE NAV	B,SC,R,M		A	1		(N)	*						6.0	LRN-2160
TOTAL LRN STAGE														1	6.0	
TACTICAL NAVIGATION (TN)																
TN	2201	LOOKOUT DUTIES	B		A	1		D	365						2.0	TN-2201
TN	2250	LOOKOUT DUTIES	B,R,M		A	1		NS	365						2.0	TN-2250
TOTAL TN STAGE														2	4.0	
THREAT REACTION (TR)																
TR	2400	THREAT OBSERVER	B,SC,R,M		A	1		(N)	365						2.0	TR-2400
TOTAL TR STAGE														1	2.0	
AIR-TO-AIR REFUELING																
AAR	2600	FW/TR AFT OBSERVER	B		A	1		D	365						2.0	AAR-3600
AAR	2601	HAAR AFT OBSERVER	B		A	1		D	365						2.0	AAR-3601
AAR	2650	AFT OBSERVER W/ NVD	B,R,M		A	1		NS	365						2.0	AAR-3650
TOTAL AAR STAGE														3	6.0	
TOTAL CORE SKILL PHASE														8	20.0	
MISSION SKILL TRAINING (3000 Phase)																
ASSAULT LANDING ZONE (ALZ)																
ALZ	3500	ALZ OPERATIONS	B,SC		A	1		(N)	*						1.0	ALZ-3503
ALZ	3502	COMBAT OFFLOAD	B,SC,R,M		A	1		(N)	365						1.0	ALZ-3502
TOTAL ALZ STAGE														2	2.0	
ASSAULT TRANSPORT (AT) // CARGO AND PASSENGER LOADING (CPL)																
AT	3510	PAX AND BAGS	B,SC,R,M		A	1		(N)	365						3.0	CPL-3510
AT	3511	ROLLING STOCK	B,SC,R,M		A	1		(N)	365						3.0	CPL-3511
AT	3512	PALLETIZED	B,SC,R,M		A	1		(N)	365						3.0	CPL-3512
AT	3513	HAZMAT	B,SC,R,M		A	1		(N)	365						3.0	CPL-3515
TOTAL CPL STAGE														4	12.0	
AIR-TO-AIR REFUELING (AAR)																
AAR	3610	ARO SYSTEM INTRO	B,SC						*		4.0					AAR-3612
AAR	3611	INTRO ARO PROC	B,SC		S	1	A	(N)	*				4.0			AAR-3610
AAR	3612	REFINE ARO PROC	B,SC		S	1	A	(N)	*				4.0			AAR-3611
AAR	3613	QUAL ARO PROC	B,SC,R,M		A/S	1		(N)	180						4.0	AAR-3612
TOTAL ARO STAGE										1	4.0	2	8.0	4	4.0	
AVIATION DELIVERED GROUND REFUELING (ADGR)																
ADGR	3661	POINTMAN DUTIES	B,R,M		A	1		(N)	365						2.0	RGR-3661,3651
TOTAL ADGR STAGE														1	2.0	

KC-130J CREWMASTER SYLLABUS MATRIX

STAGE	EVENT CODE	EVENT TITLE	POI	E	DEVICE TYPE	DEVICE #	DEVICE OPTION	COND	REFLY	ACAD EVENTS #	ACAD EVENTS TIME	SIM EVENTS #	SIM EVENTS TIME	FLIGHT EVENTS #	FLIGHT EVENTS TIME	EVENT CONV
AIR DELIVERY (AD)																
AD	3703	CDS	B,SC,R,M		A	1		(N)	365						4.0	AD-3702
AD	3705	STATIC LINE PERS	B,SC,R,M		A	1		(N)	365						4.0	AD-3704
TOTAL AD STAGE														2	8.0	
TOTAL MISSION SKILL PHASE										1	4.0	2	8.0	13	28.0	
CORE SKILL PLUS TRAINING (4000 Phase)																
AIR DELIVERY (AD)																
AD	4700	COMBO AD	B,SC,R,M		A	1		(N)	365						2.0	AD-4700
AD	4701	MILITARY FREE FALL	B,SC,R,M		A	1		(N)	365						2.0	AD-4701
AD	4703	HEAVY EQUIPMENT	B,SC,R,M		A	1		(N)	365						4.0	AD-3703
TOTAL AD STAGE														3	8.0	
BATTLEFIELD ILLUMINATION (BI)																
BI	4710	TEAM MEMBER	B		A	1		N	*						3.0	BI-4710
BI	4711	TEAM LEADER	B,R,M		A	1		N	365						3.0	BI-4710
TOTAL BI STAGE														2	6.0	
HARVEST HAWK (HH)																
CAS	4802	GROUND FAM	B,SC		A	1		D	*		1.0					-
CAS	4811	DAY EMPLOYMENT	B,SC,R,M		A	1		D	365						2.5	-
										1	1.0			1	2.5	
TOTAL CORE PLUS										1	1.0			9	16.5	
INSTRUCTOR TRAINING (5000 Phase)																
INSTRUCTOR UNDER TRAINING (IUT)																
IUT	5000	INSTRUCTOR UNDER TRAINING	B	E					*		3.0					
IUT	5100	INSTRUCTOR UNDER TRAINING	B	E	A	1		D	*						3.0	
IUT	5101R	INSTRUCTOR UNDER TRAINING	B,R	E	A	1		D	*						3.0	
										1	3.0			2	6.0	
CARGO AND PASSENGER LOADING INSTRUCTOR (CPLI)																
CPLI	5102	CARGO/PAX/LOAD INST	B,R	E	A	1		(N)	*						3.0	CPLI-5102
TOTAL CPLI STAGE														1	3.0	
MISSION INSTRUCTOR (MI)																
MI	5103	MISSION INST	B,R	E	A	1		(N)	*						3.0	FAM-5103
TOTAL MI STAGE														1	3.0	
SYSTEM INSTRUCTOR (SI)																
SI	5104	SYSTEMS INST	B,R	E	A	1		(N)	*						3.0	PCI-5104
TOAL SI STAGE														1	3.0	
AIR DELIVERY INSTRUCTOR (ADI)																
ADI	5700	AIR DELIVERY INST	B,R	E	A	1		(N)	*						3.0	ADI-5700
TOTAL ADI STAGE														1	3.0	

KC-130J CREWMASTER SYLLABUS MATRIX

STAGE	EVENT CODE	EVENT TITLE	POI	E	DEVICE TYPE	DEVICE #	DEVICE OPTION	COND	REFLY	ACAD EVENTS #	ACAD EVENTS TIME	SIM EVENTS #	SIM EVENTS TIME	FLIGHT EVENTS #	FLIGHT EVENTS TIME	EVENT CONV
NATOPS INSTRUCTOR (NI)																
NI	5140	INITIAL NI TRNG	B	E	A	1		(N)	*						2.0	NI-5140
NI	5141	CM ANI	B,SC,R	E	A	1		(N)	*						2.0	NI-5141
NI	5142	CMCC ANI	B,SC,R	E	A	1		(N)	*						2.0	-
NI	5143	CMLM ANI	B,SC,R	E	A	1		(N)	*						2.0	-
TOTAL NI STAGE														3	6.0	
NIGHT SYSTEMS INSTRUCTOR TRAINING (NSI)																
NS	5150	BEGIN NSI SYLLABUS	B		A	1		NS	*						3.0	NSI-5150
NS	5151	CONT NSI SYLLABUS	B		A	1		NS	*						3.0	NSI-5151
NS	5152	NSI EVAL	B,R	E	A	1		NS	*						2.0	NSI-5152
TOTAL NSI STAGE														3	8.0	
TOTAL INSTRUCTOR TRAINING PHASE (5000 SERIES)														9	26.0	
REQUIREMENT, QUALIFICATION, AND DESIGNATIONS (6000 SERIES)																
NATOPS EVALUATION (NTPS)																
NTPS	6010	OPEN BOOK	B,SC,R,M	E					365		3.0					NTPS-6012
NTPS	6011	CLOSED BOOK	B,SC,R,M	E					365		1.0					NTSP-6013
NTPS	6012	ORAL EXAM	B,SC,R,M	E					365		3.0					NTPS-6014
NTPS	6013	CM EVAL	B,SC,R,M	E	A	1		(N)	365						4.0	NTPS-6111,6118
NTPS	6014	CMCC EVAL	B,SC,R,M	E	A	1		(N)	365						4.0	-
NTPS	6015	CMLM EVAL	B,SC,R,M	E	A	1		(N)	365						4.0	-
NTPS	6016	PC	B,SC,R,M	E	A	1		(N)	365							
TOTAL NTPS STAGE										3	7.0			3	12.0	
FUNCTIONAL CHECK FLIGHT (FCF)																
FCF	6105	PARTIAL	B,SC		A	1		D	365						2.0	FCF-6105
FCF	6106	INTRO FULL CARD	B,SC		S	1	A	D	*						4.0	FCF-6106
FCF	6107	QUAL FULL CARD	B,SC,R,M		A	1		D	365						4.0	FCF-6107
TOTAL FCF STAGE														3	10.0	
AVIATION DELIVERED GROUND REFUELING (ADGR)																
RS	6652	ADGR RS	B,R,M		A	1		(N)	365						2.0	RS-6662,6652
TOTAL ADGR STAGE														1	2.0	
BATTLEFIELD ILLUMINATION (BI)																
QASO	6710	QASO	B,R,M		A	1		N	365						3.0	QASO-6710
TOTAL BI STAGE														1	3.0	
TOTAL ROD PHASE (6000 SERIES)										3	7.0			8	27.0	

3.17 EQUIVALENCY MATRIX

CREWMASTER EQUIVALENCY MATRIX				
KC-130J CREW CHIEF T&R EVENT		KC-130J CREWMASTER T&R EVENT		KC-130J LOADMASTER T&R EVENT
1000 PHASE				
FAM-1100	↔	FAM-1000	↔	-
FAM-1101	↔	SYS-1001	↔	-
FAM-1102	↔	SYS-1002	↔	-
FAM-1103	↔	SYS-1003	↔	-
FAM-1105	↔	SYS-1004	↔	-
FAM-1106	↔	SYS-1005	↔	-
FAM-1107	↔	SYS-1006	↔	-
FAM-1108	↔	SYS-1007	↔	-
FAM-1109	↔	SYS-1008	↔	-
-	↔	SIM-1009	↔	-
NS(H)-1150	↔	NS(H)-1150	↔	NS(H)1150
NS(H)-1151	↔	NS(H)-1151	↔	NS(H)1151
TN-1200	↔	TN-1200	↔	TN-1200
-	↔	TN-1201	↔	-
-	↔	CPL-1510	↔	CPL-1510, CPL-1513
-	↔	CPL-1511	↔	CPL-1512
-	↔	CPL-1512	↔	CPL-1514
AAR-1600, AAR-1601	↔	AR-1600	↔	AAR-1600, AAR-1601
AD-3702	↔	AD-1700	↔	-
2000 PHASE				
NS(H)-2150	↔	NS(H)-2150	↔	NS(H)-2150
LRN-2162	↔	LRN-2160	↔	-
TN-2201	↔	TN-2201	↔	TN-2201
TN-2250	↔	TN-2250	↔	TN-2250
TR-2400	↔	TR-2400	↔	TR-2400
AAR-3600	↔	AAR-2600	↔	AAR-3600
AAR-3601	↔	AAR-2601	↔	AAR-3601
AAR-3650	↔	AAR-2650	↔	AAR-3650
3000 PHASE				
ALZ-3503	↔	ALZ-3500	↔	
-	↔	ALZ-3502	↔	ALZ-3503
-	↔	AT-3510	↔	CPL-3510
-	↔	AT-3511	↔	CPL-3511
-	↔	AT-3512	↔	CPL-3512
-	↔	AT-3513	↔	CPL-3513
AAR-3612	↔	ACAD-3610	↔	-
AAR-3610	↔	AAR-3611	↔	-
AAR-3611	↔	AAR-3612	↔	-
AAR-3612	↔	AAR-3613	↔	-
ADGR-3661, ADGR-3651	↔	ADGR-3661	↔	ADGR-3663, ADGR-3651
-	↔	AD-3703	↔	AD-3702
-	↔	AD-3705	↔	AD-3704
4000 PHASE				
-	↔	AD-4700	↔	AD-4700
-	↔	AD-4701	↔	AD-4701
-	↔	AD-4703	↔	AD-4703
BI-4710	↔	BI-4710	↔	BI-4710
BI-4710	↔	BI-4711	↔	BI-4710

CREWMASTER EQUIVALENCY MATRIX				
KC-130J CREW CHIEF T&R EVENT		KC-130J CREWMASTER T&R EVENT		KC-130J LOADMASTER T&R EVENT
4000 PHASE (CONT.)				
-	↔	CAS-4802	↔	-
-	↔	CAS-4811	↔	-
-	↔		↔	-
5000 PHASE				
CCI-5102	↔	ACAD-5000	↔	LMI-5102
CCI-5100	↔	IUT-5100	↔	LMI-5100
CCI-5101	↔	IUT-5101	↔	LMI-5101
-	↔	CPLI-5102	↔	LMI-5102*
CCI-5102*	↔	MI-5103	↔	LMI-5102*
CCI-5102*	↔	SI-5104	↔	-
-	↔	ADI-5700	↔	LMI-5102*
NI-5140	↔	NI-5140	↔	NI-5140
NI-5141	↔	NI-5141	↔	AD-4700
-	↔	NI-5142	↔	
		NI-5143	↔	NI-5141
NS-5150	↔	NS-5150	↔	NS-5150
NS-5151	↔	NS-5151	↔	NS-5151
NS-5152	↔	NS-5152	↔	NS-5152
6000 PHASE				
NTPS-6010	↔	NTPS-6010	↔	NTPS-6010
NTPS-6011	↔	NTPS-6011	↔	NTPS-6011
NTPS-6012	↔	NTPS-6012	↔	NTPS-6012
-	↔	NTPS-6013	↔	-
NTPS-6111*, NTPS-6118*	↔	NTPS-6014	↔	-
-	↔	NTPS-6015	↔	NTPS-6118*
FCF-6105	↔	FCF-6105	↔	-
FCF-6106	↔	FCF-6106	↔	-
FCF-6107	↔	FCF-6107	↔	-
-	↔	RS-6652	↔	RS-6662, RS-6652
-	↔	QASO-6710	↔	QASO-6710

* These codes are equivalent as long as all other requirements, laid out in the appropriate POI are met.

3.18 SYLLABUS EVALUATION FORMS. These forms are maintained on the MAWTS-1 website and can be downloaded from that location.

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APPENDIX A

A.1 CORE SKILL INTRODUCTION PHASE AVIATION TRAINING UNIT (ATU)

A.1.1 General. Crewmaster Trainees (CMT) undergoing the ATU Phase of training will complete academics, CBTs, CPTs, and LABs in order to prepare for the Core Skill Introduction Phase (1000) of training. It is preferred that this phase of training be conducted at the Tactical Squadron's respective MATSS/KC-130J ATU under the supervision and guidance of a Crewmaster Instructor or a Contract Instructor (CI) with the required designations. This phase of training may be conducted at the Tactical Squadron. CMUI's shall receive their initial Ground CRM training, ORM training, and attend the NITE Laboratory during this phase of training. Simulator events shall be conducted with either an appropriate stage instructor or an appropriately qualified Contract Instructor (CI).

Stages. ACADs, CBTs, LABs, CPTs, NITE Lab, CRM, and ORM.

ACAD-0100	1.0	*B,SC	CLSRM

Ground School Intro In-Brief

Goal. The CMUI understands the expectations during Ground School and has the requisite knowledge of the course and where all the necessary references can be accessed to complete the Core Skill Introduction Phase.

Requirement

Discuss

Overall Course Design for Ground School and the Core Skill Introduction Phase.

Student Guide material.

Class Schedule.

Systems reference material.

ACAD handouts.

Simulator and Flight Events Student Guides.

List, Location, and access to all appropriate references that will be required through the Core Skill Introduction Phase.

Expectations of CMUI during Ground School to include work schedule, ACAD preparation, and event prerequisites.

Squadron and MATSS/ATU processes, particularly scheduling.

Demonstrate

Computer based training access. All students will log-on to the network and access the first ADL.

Basic operation of the ADL.

Prerequisite. Tactical Squadron check-in.

ACAD-0101 6.0 * B,SC CLSRM

Aircraft/Squadron Introduction

Goal. The CMUI demonstrates understanding of the listed modules of instruction by successful completion of a computer-based test on the following modules. Personal Protective Equipment training is to be completed and documented in ASM.

Requirement. Modules.

KC-130J Introduction	L1-01-02
Crew Chief Course Introduction	C1-01-03
Loadmaster Course Introduction	L1-01-03
Manuals and Publications	L1-01-04
Aircrew Responsibilities	L1-01-05
General Equipment	L1-03-03
Normal Checklist Principles	L1-01-06
Automation Overview	L1-01-08
Weight and Balance Introduction	L1-22-01
Flight Line Safety Procedures	C1-30-01
Aircraft Lighting Systems	L1-03-01
Personnel Equipment	LC-03-02

Prerequisite. ACAD-0100

LAB-0200 6.0 * B,SC SQDRN (N)

Aircraft/Squadron Introduction Lab

Goal. Familiarize CMUI with squadron departments, work centers, flight line, and aircraft.

Requirement

Introduce

Squadron Departments (S-Shops/DOSS).

Squadron Areas (Ready Room/Mission Planning).

Work Centers (Productive/Non-Productive/Tech Rep).

Aircraft with external power applied.

Performance Standard

CMUI is able to demonstrate an understanding of basic knowledge relating to each Department, Area, and Work Center at the Squadron.

Prerequisite. ACAD-0101

ACAD-0102	2.0	*	B,SC			CLSRM

Exterior Preflight Inspection

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Exterior Preflight Inspections	C1-31-05
Turn Around Inspections	C1-31-02

Prerequisite. LAB-0101

ACAD-0103	6.0	*	B,SC			CLSRM

Aircraft Weight and Balance 1

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 without a cargo load.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. LAB-0200

LAB-0202	6.0	*	B,SC	1 KC-130J	A	(N)

External Preflight Introduction Lab

Goal. Familiarize CMUI with the KC-130J External Preflight Inspection.

Requirement

Introduce

Screening of the Aircraft Discrepancy Book
Professional Equipment
Cranial and Tool Control Procedures
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Tool Box ATAF

Demonstrate

Ladder Pre-Op Inspection
External Preflight Procedure

Performance Standard

CMUI is able to complete Aircraft External Preflight Inspection with assistance from an instructor.

Prerequisite. ACAD-0103

ACAD-0104 6.0 * B,SC CLSRM

Interior Preflight Inspection Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Preflight Checks and Inspections	L1-16-02
Interior Preflight Inspections	C1-31-03
Auxiliary Power Unit	L1-06-01
Auxiliary Power Unit (APU) Fire	C1-26-01
Cargo Door and Ramp System	C1-03-04
Cargo Loading Equipment	C1-34-01

Prerequisite. LAB-0102

ACAD-0105 2.0 * B,SC CLSRM

Aircraft Weight and Balance 2.

Goal. The CMUI demonstrates understanding of KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 with a cargo load.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. ACAD-0103

LAB-0203 6.0 * B,SC 1 KC-130J A (N)

Interior and Top of Aircraft Preflight Introduction Lab

Goal. Familiarize CMUI with KC-130J Interior and Top of Aircraft Preflight Inspections.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment

Cranial and Tool Control Procedures
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Tool Box ATAF

Demonstrate

Interior Preflight Procedure
Top of Aircraft Preflight Procedure

Performance Standard

CMUI is able to complete Interior and Top of Aircraft Inspections with assistance from an instructor.

Prerequisite. ACAD-0105

ACAD-0106 7.0 * B,SC CLSRM

Flight Station Preflight Inspection Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules. APU Operator required reading will be completed and documented in ASM.

Requirement. Modules.

Flight Station Introduction	C1-23-01
CNI-MS Introduction	C1-24-01
(CNI-MU) Introduction	C1-04-02
Heads Up Display (HUD)	C1-13-01
Aircraft Soft Panels	C1-13-02
Heads Down Display (HDD)	C1-13-03
Standby Instrument System	C1-13-04
Preflight Checks	C1-23-02
Get Home Control System, Modes and Function	C1-18-02
Emergency Auxiliary Power Unit (APU) Start	C1-27-02

Prerequisite. LAB-0203

ACAD-0107 6.0 * B,SC CLSRM

Aircraft Weight and Balance 3.

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 for each flight of a multiple destination mission.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. ACAD-0105

LAB-0204 6.0 * B,SC WST/1 KC-130J S/A (N)

Flight station Preflight Introduction Lab 1

Goal. Familiarize CMUI with KC-130J Flight Station Power Up Procedure steps 1-27.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks

Introduce

Flight Station Power Up Procedure Steps 1-26 (Power off).

Performance Standard

CMUI is able to complete Aircraft Power Up Procedure Steps 1-26 with assistance from an instructor.

Prerequisite. ACAD-0106, Required Reading for APU Operator.

LAB-0205	6.0	*	B,SC	1 KC-130J	A	(N)

Flight Station Preflight Introduction Lab 2

Goal. Familiarize CMUI with the complete Flight Station Power Up and shutdown procedures.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks
Power Up Procedure Steps 1-27

Introduce

Power Up Procedure Steps 27-47
Aircraft Shutdown Procedure

Demonstrate

Demonstrate the Aircraft Power Up and Shutdown Procedure.

Performance Standard

CMUI is able to complete Aircraft Power Up and Shutdown Procedures with assistance from an instructor.

Prerequisite. LAB-0204

ACAD-0108 13.0 * B,SC CLSRM

Emergency Equipment and Procedures Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Fire Detection and Suppression	C1-17-01
Oxygen System	C1-17-02
Emergency Equipment	C1-17-03
Emergency Exits (Air and Ground)	C1-17-04
Emergency Checklist Principles	L1-01-07
Ground Evacuation	C1-27-01
In-Flight Crew Door and Ramp Warning	C1-28-01
Rapid Decompression	C1-28-02
Electrical Fire	C1-28-08
Smoke and Fume Elimination	C1-28-09
Ditching	L1-24-04
Bailout	C1-29-02
Engine Failure In-flight	C1-37-03
Gear Up Landing	C1-38-01
Manual Gear Extension	C1-38-03
Main Landing Gear Tie Down	C1-38-04
Landing Gear System Failures	C1-29-03

Prerequisite. LAB-0205

ACAD-0109 6.0 * B,SC CLSRM

Aircraft Weight and Balance 4.

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 for each flight of a multiple destination mission with cargo and passengers.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. ACAD-0107

LAB-0206 6.0 * B,SC 1 KC-130J A (N)

Emergency Equipment and Procedures Introduction Lab

Goal. Familiarize CMUI with KC-130J Emergency Equipment and Procedures.

Requirement

Introduce

Proper Donning and Utilization of Emergency Equipment
In-Flight Crew Door and Ramp Warning

Rapid Decompression

Fire/Smoke and Fume Elimination
Ditching
Bailout
Flap System Malfunctions
Landing Gear System Emergency Extension and Tie Down

Demonstrate

Proper Donning and Utilization of Emergency Equipment
Fire/Smoke and Fume Elimination
Bailout
In-Flight Crew Door and Ramp Warning

Performance Standard

The CMUI is able to properly don and utilize Emergency Equipment with minimal assistance from an instructor.

Prerequisite. ACAD-0108

ACAD-0110 5.0 * B,SC CLSRM

Aircraft Servicing Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Hydraulic Servicing	C1-32-01
Oil Servicing	C1-32-02
Oxygen Servicing	C1-32-03
Auxiliary Power Unit (APU) Servicing	C1-32-04
Ground Refueling	C1-07-04
Tire Servicing	C1-32-05
Passenger Facility Servicing	C1-32-06

Prerequisite. LAB-0206

ACAD-0111 6.0 * B,SC CLSRM

Aircraft Weight and Balance 5.

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 for each flight of a multiple destination mission with cargo and passengers.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. ACAD-0109

LAB-0207	6.0	*	B,SC	1 KC-130J	A	(N)

Aircraft Servicing Introduction Lab

Goal. Familiarize CMUI with KC-130J Servicing Procedures.

Requirement

Introduce

Refueling and Defueling
Engine/APU Oil Servicing
Lavatory Servicing
Hydraulic Servicing
Fuel System Limitations

Demonstrate

SPR Panel Procedures
Fuel Management Panel Procedures

Performance Standard

CMUI is able to Service the Aircraft with minimal assistance from an instructor.

Prerequisite. ACAD-0110

LAB-0208	6.0	*	B,SC	1 KC-130J	A	(N)

Flight Station Preflight Review Lab

Goal. Review the CMUI with KC-130J Flight Station Power Up Procedures.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Power Up Procedure
Aircraft Shut Down Procedure

Demonstrate

Demonstrate the Aircraft Power Up Procedure.

Performance Standard

CMUI is able to complete Aircraft Power Up and Shutdown Procedure with minimal assistance from an instructor.

Prerequisite. LAB-0205

ACAD-0112 3.0 * B,SC CLSRM

Refine Preflight and Post-Flight Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Communications Introduction	C1-18-01
Ground Maintenance System (GMS)	C1-21-01
Portable Maintenance Aid (PMA)	C1-21-02
Post-flight Inspections	C1-31-04
Post-flight Checks	C1-23-05
Navigation Systems Introduction	C1-19-01

Prerequisite. LAB-0208

ACAD-0113 6.0 * B,SC CLSRM

Aircraft Weight and Balance 6.

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a DD FORM 365-4 for each flight of a multiple destination mission with cargo and passengers.

Review. Ensure CMUI is familiar with proper DD FORM 365-4 computational procedures.

Prerequisite. ACAD-0111

LAB-0209 6.0 * B,SC 1 KC-130J A (N)

Preflight Refinement and Post-flight Introduction Lab

Goal. Review the CMUI with KC-130J Aircraft Preflight Procedure and Introduce Flight Station Post-flight.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Preflight Procedure

Introduce

Ground Maintenance System
Preparation of RMM for Flight
Flight Station Post-flight Procedure

Demonstrate

Demonstrate RMM procedures and Flight Station Post-flight.

Performance Standard

CMUI is able to complete Aircraft Preflight with minimal assistance, and Flight Station Post-flight with assistance from an instructor.

Prerequisite. ACAD-0112

ACAD-0114	2.0	*	B,SC			CLSRM

Refine Preflight and Post-Flight Procedures

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Pre-departure Checks	C1-23-03
In-Flight Checks 0830	C1-23-04
Operational Risk Management (ORM) Principles	C1-02-02
Crew Resource Management (CRM) Principles	C1-02-01

Prerequisite. LAB-0209

LAB-0210	6.0	*	B,SC	1 KC-130J	A	(N)

Refine Preflight and Post-flight Lab

Goal. Review the CMUI with KC-130J Aircraft Preflight and Post-flight Procedures.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Preflight Procedure
Aircraft Post-flight Procedure
RMM Procedures

Demonstrate

Demonstrate RMM procedures and Flight Station Post-flight.

Performance Standard

CMUI is able to complete Aircraft Preflight and Post-flight Procedures with minimal assistance from an instructor.

Prerequisite. ACAD-0114

ACAD-0115	3.0	*	B,SC			CLSRM

Cargo and Passenger Loading Introduction

Goal. The CMUI demonstrates understanding of the listed modules by successfully by successful completion of a computer-based test on the following modules.

Requirement. Modules.

Palletized Cargo Loading Equipment	L1-03-05
Passenger Preflight Configuration	L1-23-01
Personnel Passenger Onload/Offload	L1-23-02
Non-Palletized Preflight Configuration	L1-24-01
Non-Palletized Onload Offload Procedures	L1-24-02
Cargo Jettison	L1-24-03
Hazardous Material (HAZMAT) Operations	L1-25-01

Prerequisite. ACAD-0107

LAB-0211	3.0	*	B,SC	1 KC-130J	A	(N)

Passengers and Bags

Goal. Discuss and demonstrate loading passengers and baggage.

Requirement

Discuss

Aircraft Configuration for Maximum Passengers and Baggage
Passenger Brief
Accurate Passenger Manifesting
Tanker Frame Considerations

Demonstrate

Installation of Centerline and Sidewall Seats
Seat Spacing Configurations
Aero-medical Considerations
Preparation of a Form F

Performance Standard

CMUI is able to demonstrate the proper configuration for maximum passengers/baggage, and roper preparation of a Form F with CNI-MU input.

Prerequisite. ACAD-0115

LAB-0212	3.0	*	B,SC	1 KC-130J	A	(N)

Rolling Stock Cargo

Goal. Discuss and demonstrate proper procedures for rolling stock cargo.

Requirement

Discuss

Aircraft Configuration for transporting rolling stock.
Winching Procedures
Limitations
Loading Procedures
Tie Down Procedures
In-flight Cargo Jettison Procedures

Demonstrate

Aircraft Configuration for rolling stock
Winching Procedures
Loading Procedures
Tie Down Procedures
Preparation of Form F with CNI-MU input

Performance Standard

CMUI is able to demonstrate the proper procedures applicable to rolling stock cargo.

Prerequisite. ACAD-0115

LAB-0213	3.0	*	B,SC	1 KC-130J	A	(N)

Palletized Cargo

Goal. Discuss and demonstrate proper procedures for palletized cargo.

Requirement

Discuss

Aircraft Configuration for Transporting Palletized Cargo.
Tanker Considerations

Demonstrate

Aircraft Configuration for Palletized Cargo
Preflight Dual Rail System
Post-flight Dual Rail System
Operation of the Dual Rail System
Preparation of Form F with CNI-MU input

Performance Standard

CMUI is able to demonstrate the proper procedures applicable to rolling palletized cargo.

Prerequisite. ACAD-0115

ACAD-0116	3.0	*	B,SC	CLSRM

Aircraft Weight and Balance 7.

Goal. The CMUI demonstrates understanding KC-130J Weight and Balance Procedures by successfully completing a question worksheet.

Review. Ensure CMUI is familiar with general weight and balance knowledge.

Prerequisite. ACAD-0113

ACAD-0117	8.0	*	B,SC	NITE LAB

Night Imaging and Threat Evaluation (NITE) Lab

Goal. The CMUI is introduced to the night environment, utilization of NVD's, and light discipline.

ACAD-0118	5.0	*	B,SC	CLSRM

Night Vision Devices

Goal. Familiarize CMUI with the components, operation, and considerations for the use of Night Vision Devices.

Requirement. Modules.

Night Vision Device (NVD) Introduction	C1-39-01
Nuclear, Biological and Chemical Equipment	C1-03-05
Use of Night Vision Device	C1-39-02
Night Vision Devices (NVD) 1	
Night Vision Devices (NVD) 2	

Prerequisite. ACAD-0117

ACAD-0119	3.0	*	B,SC	CLSRM

Initial Crew Resource Management Training

Goal. Acquaint CMUI with T/M-specific aircrew coordination requirements.

Requirement

Introduce

CRM History
Seven (7) Critical Skills
OPNAVINST 1542.7C
A T/M Specific Case Study or Scenario

ACAD-0120	3.0	*	B,SC	CLSRM

Operational Risk Management Training

Goal. Provide CMUI with initial or annual refresher training on the process of ORM.

Requirement

Introduce/Review

Concept
Terms
Process
Process Levels
Principles

ACAD-0121	3.0	*	B,SC			CLSRM

AIR Card User Course

Goal. The CMUI demonstrates understanding of the course by successful completion of the modules and a computer-based test.

Requirement. Modules.

Introduction and General Policy
Program Structure and Personnel
Card User Responsibilities
Disciplinary Guidance
Certification Test

ACAD-0122	3.0	*	B,SC			CLSRM

Lean Six Sigma White Belt Course

Goal. The CMUI demonstrates understanding of the course by successful completion of the Lean Six Sigma White Belt Course provided by Navy Knowledge Online.

LAB-0214	6.0	*	B,SC	1 KC-130J	A	(N)

Preflight and Post-flight Lab

Goal. Review the CMUI with KC-130J Aircraft Preflight and Post-flight procedures.

Requirement

Review

Screening of the Aircraft Discrepancy Book
Professional Equipment
Maintenance Control Notification
Prior to Entering Aircraft Checks
Aircraft Preflight Procedure
Aircraft Post-flight Procedure

Demonstrate

Preflight Procedure
Post-flight Procedure

Performance Standard

CMUI is able to complete Aircraft Preflight and Post-flight with minimal assistance.

Prerequisite. LAB-0210

KC-130J CREWMASTER CORE SKILL INTRODUCTION PHASE AVIATION TRAINING UNIT (ATU)

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GRND/ACAD EVENTS		SIM EVENTS		LIVE/FLT EVENTS		NOTE	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME		
CORE SKILL INTRODUCTION PHASE TRAINING ATU(0000 PHASE)																	
ACAD	0100	GND SCL INTRO	B,SC		G				*		1.0						
ACAD	0101	ACFT/SQDN INTRO	B,SC		CBT				*		6.0						
LAB	0200	ACFT/SQDN LAB	B,SC		G			(N)	*		6:0						
ACAD	0102	EXT PREFLIGHT	B,SC		CBT				*		2.0						
ACAD	0103	WEIGHT & BALANCE	B,SC		G				*		6.0						
LAB	0202	EXT PREFLIGHT LAB	B,SC		A			(N)	*		6.0						
ACAD	0104	INT PREFLIGHT INTR	B,SC		CBT				*		6.0						
ACAD	0105	WEIGHT & BALANCE 2	B,SC		G				*		2.0						
LAB	0203	INT/TOP PREFLIGHT	B,SC		A			(N)	*		6.0						
ACAD	0106	FLIGHT STAT. PREFL	B,SC		CBT				*		7.0						
ACAD	0107	WEIGHT & BALANCE 3	B,SC		G				*		6.0						
LAB	0204	FLIGHT STAT. PREFL	B,SC		S	1	A	(N)	*						6.0		
LAB	0205	FLIGHT STAT. PREFL	B,SC		A	1		(N)	*						6.0		
ACAD	0108	EMERG EQUIP & PROC	B,SC		CBT				*		13.0						
ACAD	0109	WEIGHT & BALANCE 4	B,SC		G				*		6.0						
LAB	0206	EMERG. EQUIP PROC	B,SC		A	1		(N)	*						6.0		
ACAD	0110	AIRCRAFT SERVICE	B,SC		G				*		5.0						
ACAD	0111	WEIGHT & BALANCE 5	B,SC		G				*		6.0						
LAB	0207	AIRCRAFT SERVICE	B,SC		A	1		(N)	*						6.0		
LAB	0208	FLIGHT STAT. PREFL	B,SC		A	1		(N)	*						6.0		
ACAD	0112	PRE/POST-FLIGHT	B,SC		CBT				*		3.0						
ACAD	0113	WEIGHT & BALANCE 6	B,SC		G				*		6.0						
LAB	0209	PRE/POST-FLIGHT	B,SC		A	1		(N)	*						6.0		
ACAD	0114	PRE/POST-FLIGHT	B,SC		CBT				*		2.0						
LAB	0210	PRE/POST-FLIGHT	B,SC		A	1		(N)	*						6.0		
ACAD	0115	CPL INTRO	B,SC		CBT				*		3.0						
LAB	0211	PASSENGERS/BAGS	B,SC		A	1		(N)	*						3.0		
LAB	0212	ROLLING STOCK	B,SC		A	1		(N)	*						3.0		
LAB	0213	PALLETIZED CARGO	B,SC		A	1		(N)	*								
ACAD	0116	WEIGHT & BALANCE 7	B,SC		G				*		3.0						
ACAD	0117	NITE LAB	B,SC		G				*		8.0						
ACAD	0118	NVD	B,SC		G				*		5.0						
ACAD	0119	CRM	B,SC		G				*		3.0						

ACAD	0120	ORM	B,SC		G				*						3.0		
ACAD	0121	AIR CARD	B,SC		CBT				*						3.0		
ACAD	0122	LEAN SIX SIGMA	B,SC		G				*						3.0		
LAB	0214	PREFLT/POSTFLT	B,SC		A	1		(N)	*						6.0		
TOTAL CORE SKILL INTRODUCTION PHASE AVIATION TRAINING UNIT (ATU)										27	117			10	63		