PROGRAM STATUS

135+ **BASES SUPPORTED**

675+ **LEARNING MODULES**

31 K+& **STUDENTS A YEAR**

35+ **AIRCRAFT PLATFORMS**

GROUND VEHICLES

Data based on analysis of Air Force classroom usage

PROGRAM HIGHLIGHTS

No Licensing Fees **IDC** Contract Awarded 23 Air Force Specialty Codes

BENEFITS OF XR

Enhances Combat Capability Increases Readiness **Improves Effective Training** Strengthens Understanding Saves Energy Usage **Decreases Aircraft Use**



ITP PROGRAM OFFICE

HQ AETC/A3GT Org Box Email: AETC.A36.ITP@us.af.mil

INTEGRATED **TECHNOLOGY PLATFORM**

MODULE LIST



VIRTUAL®



OPERATIONAL EXCELLENCE

35% **INCREASE IN** STUDENT RETENTION

40% **REDUCTION IN AIRCRAFT DOWNTIME**

\$23.9M

SAVINGS RECORDED TO DATE

(USAF OESA)

- 45% Faster Course Completion
 - (USAF Program Office)
- 72% Reduction in Lost Training (USAF Program Office)
- 50% Reduction in Aircraft Needed for Maintenance Training
 - (USAF Operational Energy Office)
- 30% More Student Throughput
 - (USAF Program Office)

LEARNING MODULES

B-1

INS Precision Ground Alianmen

SATCOM Ops Check (Voice, DAMA)

AutoFlight & Terrain Following Ops Check

Surface Position / Command Ind Checkou

Air Data System Ops Check using ADTS 415

Central Air Data Ops Check using ADTS 415F

UHF-1 Ops check using IFR-4000 Aircraft Safe for Maintenance

NBSV/WBSV Ops check

Crew Intercom Ops check

General Vehicle Danger Area

ILS Ops check using IFR-4000

Base Reference Walkaround

Flight Director Ops Check

Multipurpose Radio Ops check

NBSV/WBSV Ops check

AHRS Ops check

GPS Ops check

IIS Ons check

INS Ops check

Safe for Mainte

SIF/IFF Ops check

UHF Ops check

VOR Ops check

C-17

UHF/VHF Ops check

Base Reference Walkaround

Exterior Inspection Checklist

Interactive Cargo Compartmen

Conex-L (NPC-L) Walkaround

External Electrical Power

Integral JackingPreflight Inspection

Thruflight Inspections

ANDVT Ops check

HF Radio Ops check

MFD System Ops check

Secure Voice Ops check

SIF/IFF Ops check

TACAN Ops check TCAS/SKE Ops check

UHF Ops check

 Interactive Forward Loadmaster Station Aircraft Inspection OPS Walkaround Checklist

Aeromedical Evacuation Negative Pressure

Conex Double Blower Failure Troubleshooting

Aeromedical Evacuation Negatively Pressuriz

Aeromedical Evacuation Virtual Walkaround

load / Download Flares, Laser Transmitter R2

APU Operations with Emergency Procedures

• Fuel Quantity Troubleshooting via PSD-90

Engine Run Operations with Emergency

Procedures (with Ability to Induce Faults)

Aircraft Towing/Towbar/Tow Vehicle
 APU Change (To Include Trailer and Cradl

NLG Tire / MLG Tire and Brake R2

Digital Interphone Ops check

ILS/Maker Beacon Ops check

Air Data Computer System Ops chec

Automatic Pilot Control-Indicator Ops check

Aircraft Defensive System Loading/Up-

Radar Ops check

GPS Ops check

TACAN Ops check

B-52H

A-10

- Base Reference Walkaround
- Aircraft Refuel
- Angle of Attack OPS
- BorescopeHot Pits
- Landing Gear Retraction for Flight Safety Circuit Check (Jacking)
- Landing Gear Retraction for Flight Safety Circuit
- Check (Without Jacking) • PR. BPO.BPO/PR Remove/Install Heads-Up Display and
- Operational Checkout
- Aircraft Launch Procedures
- Aircraft Recovery Procedures
- Remove/Install Hydraulic Reservoir Engine Run
- Canopy Operation for Mx
 Identifying Danger Areas
 Safe for Maintenance
- EGI BIT
- LASTE Ops check & BIT Pitot-static System Ops check
- SAS Ops check

AC-130J

- Engine/Propeller Trainer
- T Fuel System Procedures for Refuel Defuel and
- Ground Transfer T Hydraulic Systems Operation for Cargo Door /
- Ramp, and Flight Controls Oxygen Servicing Procedures (LOX)
- Remove & Install MX-25 EO/IR Turret Unit
- Combined Pre Flight/Post -Flight
- Mission Computer Operation

 Removal and Installation of Auxiliary Hydraulic
- System Pump Removal and Installation of Engine Hydraulic
- Pump

 Remove and replace Flight Deck Window (R2)
- Normal Air-to-Air Refueling Procedures
- Aircraft Performance
- Degraded Operations
 Fuel System Malfunctions and AAR Procedures
- Joint Integration and Operations
- Local Range.Clearing and Local Procedures
- Mission Support and Special Operations
- Overview CSO/WSO Bread and Butter
- Radios and COMSEC
- Reconnaissance and Manual Tweaks Safe Passage and Overwater Operations
- SMA Emergency Procedures A
- Tactical Approaches A
- Threat Planning and Theatre Indoctrination Threat Systems and Defensive Tactics
- Electrical System Introduction
- Oxygen System
- Ramp & Cargo Door
- Intro to Aircraft Lighting Crew Duties and History
- Aircraft Systems and General Equipmen
- Aircraft Preflight and Familiarization
- Emergency Procedures: Emergency Equipmen
- and Ground Emergencies Emergency Procedures: Fire
- Smoke/Fumes/Elimination, Electrical Fire, Load Shedding & APU Fire
- Emergency Procedures: Fuel Systems Failure and
- Aerial Refueling Emergencies
- Emergency Procedures: Hydraulic Systems
- Emergency Procedures: Landing Gear Systems
- Emergency Procedures: Flap System Failures
- Door and Ramp System Failures & Rapid
- Emergency Procedures: Ditching/Crash
- Landing/Bailout Procedures and Cargo Jettison Aircraft Preflight and Familiarization Developed **BPO Inspections**
- VHF Ops check Weather Radar System Ops check

Turn-on, Initialize, & Align IRS to FOM

Thrust Reverser Repair / R2 / Pin Thrus Reversers/Repair

AC/MC-130J (Cont.) AC/MC-130J

AC-130J Engine/Propeller Trainer AC-130J LOX Servicing - Purging

☐ AC-130J Carao door and ramp using auxiliar hydraulic system electrically driven pump, and nand pump AC-130J Refuel/Defuel/Ground Transfer

AC/MC-130J Negator Spring Replacemen AC/MC-130J Pneumatic Operations (APU Bleed air switch Open/Closed, L/R ISO & Divider Valve switch Close/Open pos

Engine Bleed Air Switch Close/Open positio AC/MC-130J Upload/Download OFP and

☐ AC-130J Engine/Propeller Trainer AC-130J LOX Servicing - Purging ☐ AC-130J Carao door and ramp using auxiliar

hydraulic system electrically driven pump, and AC-130J Power On AC-1301 Refuel / Defuel / Ground Transfer

■ T AC/MC-130J Negator Spring Replacement AC/MC-130J Upload/Download OFP and

 Removal & Installation of Aileron Trim Tab Removal and Installation of Paratroop Dog

Negator Spring Counterbalance Mechanism (DADS) Operation & Glass Away AC-1301 Mission Computer - Glass Away

MC-130J Mission Computer - Glass Away AC/MC-130J MLG Operation: Glass Away of MLG operation. Traveling Up and Down. MLG components operating. (MLG Gearbox Assemblies and Torque Shafts, Ballscrew emblies, MLG Track Shoes) AC/MC-130J DTADS Trainer and Glass Away

Auto Throttle Operation Bleed Air System and Distribution

Flight Controls v1

Landina Gear Operation MIG Strut Service

NLG Strut Service

Removal & Installation of Aileron and ement of Hinge Bearing Removal & Installation of Cargo Door

Removal & Installation of Cargo Ramp Removal & Installation of Elevator Trim Tal

Removal & Installation of Elevator and Replacement of Hinge Pin and Bearing

Removal & Installation of Rudder Trim Tab AC/MC-130J Removal and Installation of Center Wing and Outer Wing Flag

AC/MC-1301 Removal and Installation of Flag Drive Assembly Hydraulic Motor

AC/MC-130J Removal and Installation of Rudder and Replacement of Hinge Pin, Bushing and Bearina AAR 47 Ons Check

ALE 47 Ops Check

ALR 56 Ops Check AAQ 24 Ops Check

AC-130J Remove & Install MX-25 EO / IR Turret AC/MC-130J Complete Rig of Aileron Control

AC/MC-130J Complete Rig of Elevator Control

AC/MC-130J Complete Rig of Rudder Control

AC/MC-130J Crew Door Rigging and

AC/MC-130J Elevator Removal and Install / Complete Rig of Elevator Control System

AC/MC-130J Locking System Requirements and Rigging of Cargo Ramp

AC/MC-130J Removal and Installation o Aileron Pushrod

AC/MC-1301 Removal and Installation of Rudder Pushrod

Data Transfer and Diagnostics System (DTADS) Thru-Flight Inspection

AC/MC-130J Combined Pre-Flight/Pos Flight (BPO PR)

AC-130J Auto Throttle Operator AC-130J Operation of Flight Controls

MC-130J UARSSI Operational Checkout MC-130J Load/Unload Procedures of Chaff and Flare AC-130J Flight Deck Window replacement

Servicing Using Alternate Method ☐ AC/MC-130J Servicing Nose Landing Gea

Strut using Alternate Method ☐ AC/MC-130J Servicing Nose Landing Gea Strut with a Hydro Mite Servicina Cart

☐ AC/MC-130J Main Landing Gear Struts Servicina Usina Hydro Mite Service Stand

Refueling Pod Reel Response

AC/MC-130J Removal and Installation of Flap Drive Assembly Hydraulic Motor

AC/MC-130J Removal and Installation of udder and Replacement of Hinge Pin, Bushing and Bearing

Flight Attendant Preflight/Thruflight

Base Reference Walkground Flight Attendant Preflight/Thruflight

C-40B

 Base Reference Walkground (OPS and MXG Combined Inspection) Pre-Departure Checklist and Emergency Egress/Preflight

Hydraulic System

Air stair Manual Retraction Task Full Aircraft APU Operations with Emergency

Schematic of the GE CFM-56 Internal Engine Components and Operation (To Include Engine

Schematic of the Primary Flight Control (Ailerons, Elevator, and Rudder) with

ematic of the Secondary Flight Controls (Spoilers/Speed brakes, Horizontal Stabilizer

Base Reference Walkground

Aircraft Jack and Cribbina

Aircraft Inspection OPS Walkground Checklis

C-130J Base Reference Walkground

Aircraft Inspection OPS Walkground Checklist

 Aeromedical Evacuation Virtual Walkaround • Wet Wing Defuel/Refuel Checklist for Pilots and

Interactive Full Aircraft Jackina

Thruflight

 Comm/Nav - F-TCAS Comm/Nay - GPS

· Comm/Nav - IIS Comm / Nav - LPCWR

Comm/Nav - NBSV Comm / Nav - SIF

 Comm/Nav - TACAN Comm/Nav - UHF MC-130J Operational Checkout of Aeria

☐ AC/MC-130J Removal and Installation o Center Wing and Outer Wing Flap

C-37A

Base Reference Walkground

C-37B

Oil System Flow)

LE Slats and Flaps) with Component

C-130H

 Propeller Servicing Training Universal Hydraulic Test Stand

Loadmaster Pre-flight

Comm/Nay - Digital Interphon

Comm/Nav - HF System

Comm/Nav - Multipurpose/Multimode Comms

Comm/Nav - VHF • Comm/Nay - WBSV

 Engine Ind Inspection, Ops Check, T/S APU Operation APU Operation - AR Version

• Fuel System

 C-130J BPO Turboprop (Engines

 Removal & Installation of Center Wing or Oute Removal & Installation of Flap Drive Assembly

Hydraulic Motor Removal & Installation of Rudder and Replacement of Hinge Pin, Bushing, and Bearing

 Normal Operation of Landing Gear Complete Rig of Aileron Control System Complete Rig of Elevator Control System

· Crew Door Rigging and Adjustment Replacement of Elevator Control Surface Locking System Requirements and Rigging of

oval and Installation of Airleron Pushrods Removal and Installation of Rudder Pushrods

 Electrical System and Power Distribution Hydraulic System

Landing Gear and Brakes Landing Gear / Tire and Brakes Open HUD Flight Deck

Complete Rig of Rudder Control System HDD One check

Identify Danger Areas Safe for Maintenance Engine Glassaway: Bleed Air Systen

Engine Glassaway: Lubrication System
Auto Pilot Servo Removal / Installation Ops

Elevator, Aileron, and Rudder Boost Pack Removal/Installation/Leak and Ops Checks Engine Operation w / Injects

Fire and Overheat Loops with Ops Check Auxiliary Power Unit Removal/In

Pressurization System with Ops Checks

Gear Operation matic Operation

C-130J Engine Glassaway: Primary Components C-130J Engine Glassaway: Electrical Systems C-130J Engine Glassaway: Fuel System

C-130J Engine and Backshop Env

C-146

 Rase Reference Walkground APU / Pneumatics Aircraft Preflight, APU Operations, and

Radio Loading

Electrical System Airplane General Auxiliary Power Unit (APU) Electronic Display System

Engines / Propellers Environmental Control System Fire Protection System

Flight Controls Fuel System

Hydraulic System

Bed Down 1

Landing Gear Mission Systems and Cor Pneumatic System

Power Plant Loadmaster XR-MTD Aircraft Preflight, Cargo Loading, and Rase Reference Walkground

C-32A

 IOPS and MXG Combined Inspection Pre-Departure Checklist and Emergency Egress/Preflight (Staircase) ractive Opening of Engine Cowling and

External Engine Comp • Emergency Procedures (Cabin Pressure/Ditching/Fire PED)

 Emergency Procedures (Cabin Pressure/Ditching/Fire PED) Emergency Procedures (Cabin Pressure/Ditch ng/Fire PED)

Engine Run Procedure to Include Emerae Procedures (Fires, Stalls, and Jumpina Chalks) C-32A Pneumatic System C-32A Hydraulic Syste

Full Aircraft APU operations with Emerge

Procedures Schematic of the Nose and Main Landing Gear Schematic of the P&W Internal Engine Components and Operation (To Include Engine

C-32B

Oil System Flow)

Base Reference Walkground

Fire/Smoke Ground Emergency Procedure

 ADTS 405 Leak Test Aircraft Jacking

 Emergency Escape Slides Engine Blade Blending

> Engine Cowlings and Componer Engine Run Operations

 Gear Door Exterior Operatio Normal/Amplified Flight Deck Procedure

 Radome Radar • Ram Air Turbine Deploy Tire and Brake Replacement

 Air Refueling System Integration Aircraft Fueling Operations

 AMSO Postflight Checklist AMSO Preflight Checklist

Avionics Systems · Cargo Loader/Door Operation

 CEA Jumpseat CRM COMSEC Loading Procedures

• Flight Management Computer Operations

 Hvdraulics Systems Mission Equipment Tutorial for Initial Qualification and Refresher Training

CV-22

Base Reference Walkground D 🖪 🕩 APU (Start, Stop and Emergency Procedures)

■ T Blade Fold Wing Stow ■ The Landing Gear and Brakes ☐ □ Preflight

Aircraft Pressure Refueling Install Protective Covers/Plugs

📵 🕩 Postflight Replace Engine Anti-Icing Valve Assemble ☐ Thruflight ■ Full Disassembly and Build-Up of an Enhanced

Left Proprotor Hub Assembly Aircraft Defueling ■ T Left Outboard Swashplate Actuato

Left Proprotor Blade Assembly Replace Constant Frequency Generator (CFG) Replace Left Blade De-Ice Distributor (BDD)

Right Mast Nut Torque Stabilization 📵 🕩 Service Main Landing Gear Shock Stru Service Nose Landing Gear Shock Strut ☐ □ SSS 2921 Bleed No. 3 Hydraulic System

 Aircraft Towing Procedur APU Maintenance Procedure:

• Emergency Equipment Location

Engine Borescope Procedure

Pneumatic Systems

· Airstair Operation Checklis

APU Power Emergency Procedures

Electrical Distribution

VOR ILS Ops check WBSV Ops check

Air Data Computer/TCAS / TTU-205 Ops

Engine Borescope/Blade Blend Aircraft Defensive System Loading/Ur

Base Reference Walkaround

Emergency Procedures

AHRS Inspection, Ops Check, T/S

• Interactive Full Aircraft APU Opera

E-3

Landing Gear Procedures APU Operation FIX During conversion

Emergency APU Shutdown Procedure

F-15EX

Radio No. 3 Comm & Audio Signal Ops check

220 Engine Run operations with Emergnecy

Preflight/Basic Post Flight Engine Run

Thru-Flight Inspection

External Power/Ground Cooling Air Application W/LAD Aircraft Launch & Recovery Inspection

Left and Right Boost Pump Ops Check Refueling with External Por

Ops Check

F-16

Base Reference Walkground

 Safe for Maintenance BPO Preflight Inspectio

Digital Flight Control System Ops check

EGI/INS Ops check

Fire Control Radar BIT & Ops check **Identify Danger Areas**

Interphone and Ground Interphone Ops check MFD Ops check

UHF/VHF Ops check

Flight Control and Landing Gear Doo Operation Safety and Lock Out

Air Data System Ops check Aircraft Danger Areas Autopilot/Flight Director Ops check

C&D Ops check ETCAS Ops chec GPS Ops check

INS Ops check LPCWR Ops check MHRS Ops check TACAN Ops check

Base Reference Walkaround

Aerospace Ground Equipment Operation

• Fuel Servicing (Refuel/Defuel/Transfer

Remove and Replace Fuel Flow Indicato

Aircraft Power Up / Power Down

Autopilot Fast Ops Check

Base Reference Walkground

Preflight, Thruflight, Posflight, BPO-Pre

E-8

Aircraft Jack

Aircraft Prefliah

Auxiliary Power Unit

Emergency Procedure

Radar Initialization

Safe for Main

F-15E

Safe for Maint

ADCP Ops check

AFCS M-BIT

Air Data Test Set

IFF Ops check

IIS Opsicheck

Radar Set BIT

EGI BIT & Ops check

Electric (Static) Grounding

Fuel Quantity Calibration

Sniper ATP Ops check

TACAN Ops check

Electrical Power Application

External Ground Cooling Air Applicatio

Ground Intercomm Connect/Disconnect

External Hydraulic Power Application

Service Hydraulic Reservoir

Service Landing Gear Struts

E-4B

Aircraft Earess

SIF Ops check

Base Reference Walkground

• 1A3X1 Emergency Procedure Scenario

Apply/Remove External Power and Safe for

Combined Preflight/Postflight

and Maintenance Training

Preflight Engineer/External Safety Inspection

Low Frequency Transmission (LFTS) Operato

Servicing Refuel/Defuel and Potable Water

UHF Ops check Kneeling Operation VOR/ILS Ops check

• Apply & Disconnect External Power and CORE Cockpit Engineering Panel

 MCDII Common Proced Aircraft Inspection OPS Walkground Checklist

After Loading After Landing Aircraft Crew Door Opening / Closing Procedures Airplane Loading

C-5

Aircraft Earess

Basic Postflight

LOX Servicing

Quick Turn

Thruflight

Base Reference Walkground

Full Aircraft Kneeling System

Interactive Liquid Nitroge

MLG Wheel and Tire Change

Recouple Flaps and Slats

ina/Deactivate/Pin R2

Schematic of the Air Data System

Apply and Disconnect External Power

Emergency APU Shutdown Procedure

Towing and Parking

ATM Operation

Defuel

• Refue

• Defuel

Refuel

Open and Close Engine Cowlings

Operate Cargo Doors and Ramps

OPS / Maintenance Aircraft Virtual Landing Gea

Interactive Thrust Reverser Repair/Troubleshoot

 APU Procedures ATM Procedures Block In Training Module

 Engine Running ON/OFF Load Fire Suppression System FSS General Winching Palletized Cargo Loading

 Unkneeling Operation Vehicle Loading Normal Procedure Cargo Door and Ramp System Procedure

Ops Walkaround

General Winching Preparation

Vehicle Inspection Landina Gear MX/OPS

CADC Ops check Digital Interphone Ops check E-TCAS Ops check Flight Director Ops check

GPS/INS Opsicheck IFF Ops check LPCWR Ops check MFDU Ops check

NBSV Ops check TACAN Ops check UHF Ops check

UHF/VHF Ops check Engine Run Operations with Emergency

oad/Download Flares

Base Reference Walk Around

Safe for Mainte

Engine Phase Inspection Emergency Boost Pump Operational Checkou nal Fuel Tanks Operational Checkout Fuel Quantity System Operational Checkout

Internal Wing Transfer Pump Current Monito

Upfront Controls Canopy Opening and Closing

F-16C

 Base Reference Walkground Master Data Set Preflight/Basic Post Flight

Safe for Maint Hydraulic Servicino Refuel/Defuel Launch and Recovery

Nose Wheel Steering

HH-60W

 Base Reference Walkaround • Instrument Display Ops Check AHRS (ESIS)

APU

 External Electrical Power: Connecting and Engine Run Indicating System Ons check

 Safe for Mainter SIF/IFF Ops check TACAN Ops check

Danger Areas

WBSV Opsicheck

 UHF Ops check AFCS Ops check Air Data System v2 (Pitot Static) Ops check

 Digital Interphone Ops check EGI Ops check NBSV Ops check VOR ILS Ops check

Weather Radar Ops check

Multi-mode Comms Ops check

KC-135 Base Reference Walkaround Auxiliary Power Unit (APU) Syste

and Pressurization Equipment

Stratotanker QSAS APU Operation with Emergency Procedures Applying Aircraft Powe Aircraft Inspection OPS Walkaround Checklist Preflight/Ground Ops, Boom Operato

Bleed Air Process to include Air Conditionii

 Aeromedical Evacuation Virtual Walkaround Auto Flight Control System Ops check Indicating System Ops check Engine Run

Refuel/Defuel/Transfer

CCM Software Loading

Safe for Mx/Power On

Procedures

 Gaseous Oxygen Servicing Hydraulic Reservoir Servicin Manual Flap Operation

• Flight Controls Operation/Calling

 Flight Director and Glideslane Ops Check Danger Areas Safe for Maintenance CDU Software Upload

Air Data Ops check Engine Run Emergency Procedures ACM R2 / Servicing Depaneled Aircraft Walkaround (ISO Prepped)

F-108 Fuel Package / MEC R2 (Cowl/Duct

Main Aircraft Battery Removal and Replace

Open/Closing) Aircraft Vertical Fin Fold Hot Pit Refuel/Defuel Rudder PCU Change

KC-46

Aeromedical Evacuation Virtual Walkground

• Full Aircraft APU operations with Emergency

• Engine Run Operations/Emergency Procedures

Base Reference Walkground

(with Ability to Induce Faults)

Digital Interphone Ops check

Indicating System Ops check

Weather Radar Ops check

Inspection Checklist Preflight/BPO

Refuel/Defuel/Transfer Fuel Operation

Operational Checkout of Aerial Refueling Pod

AFDS Ops check

AFDS Structure test

Air Data Ops check

C&D Ops check

FTCAS Ons check

GPS Ops check

IFF Ops check

ILS Ops check

INS Ops check

UHF Ops check

VOR Ops check

MC-130J

Reel Response

Preflight

MQ-9

Base Reference Walkground

Mission Computer Operation

Remove & Install of SKR Assembly

MC-130J Exterior & Flightdeck Walkaround,

C-130J Cargo with a C-130J Jump Scene

Remove and Install Left/Right Wing Assembly

MLG Tire and Wheel Assembly Remove and

Nose Landing Gear Remove and Install

VTC & External Test Mode Apply Powe

Simplified Module - Load Mas

AR Pods Timing Adjustment

Base Reference Walkaround

BPO / Preflight Inspec

Aircraft Safe for Mainten

Base Reference Walkaround

Load AICS Data w/SKL

Engine Remove and Install

MP-RTIP Remove and Instal

Base Reference Walkaround

Base Reference Walkground

Basic Post Flight Inspection

Safe for Maintenance

Basic Post Flight Inspection

Aircraft Launch

T-38

T-6

Fuel System Theory

Safe for Maintena

RQ-4

Propulsion Theory of Operation

TACAN Ops chec

UH-1N Rase Reference Walkgroung Aircraft Preflight

ICBM

LCC Floor Level

Secondary Door Disassembly

Gearbox) Minor Maintenance

Intermediate Gearbox Minor Maintenance

Skirt Umbilical Cable Removal & Installation

ICBM Launch Facility Entry/Exit Procedures

Main Transmission Minor Maintenance

General Minor Maintenance

GBU-31 (V)3 Assembly/Disassembly GBU-38 Assembly / Disassembly Engine and Reduction Gearbox (Combining

GBU-54 Assembly / Disassembly GBU-12 Assembly / Disassembly

MUNITIONS

GBU-31 (V)1 Assembly/Disassembly 105MM Airborne Artillery (Inspection, Handling, Packing, Unpacking, and Assembly Component identification of artillery, tools,

equipment) 30MM Airborne Artillery (Inspection, Handlin Packing, and Unpacking. Component identification of artillery, tools, equipment AGM-114 Hellfire Missile (Inspection, Handling

AGM-146 Griffin Missile (Inspection, Handling Packing, Unpacking and Testing, Component dentification of missile, tools and equipment GBU-39 Series Bombs (Inspection, Handling Packing, Unpacking and Testing. Component identification of bombs, tools and equipment

GBU-69/B & GBU-70/B Series Bomb

and equipment)

Fundamentals of Flight

Weight and Balance

Identify Basic Facts about the Tactical

Aircraft Major Structure Areas

MISC

ction, Handling, Packing, Unpacking an

Testing. Component identification of bomb, tools

Packing, and Unpacking. Component

dentification of missile, tools, and equipm

CDC

2M0X2 Missle and Space Systems Maintenence

Automated Service Station (TASS) Comp Fundamentals of Flight Fliahtline Hazards

INS/GPS Theory of Operation **VEHICLES** General Flightline Mx Practices Flight Control Systems Ford Bobtail Virtual Vehicle Inspection and

 F-150 Virtual Vehicle Inspection and Schedule • 2013 Nissan Leaf + Electric Vehicle Charging Station, Virtual Vehicle Inspection and Schedule

Operating an R-11 to Receive Fuel from a

Schedule Maintenance: Flightline Tow Tractor

Hybrid Drive Technology Course Operating an R-11 to Perform a Return to Bulk Staircase Truck Ambulift Operation:

Caterina Truck Operation:

Potable Water Truck Operation

Hose Cutting and Skiving Machine Operatio

2027

SUPPORT EQUIPMENT

FORCE Set-UP-2 Scenarios dentify Principles about the Functions of the R-18 Compo R-18 Offload

R-18 Servicino

Identify Principles about the Functions of the R-19 Components R-19 Filter Separator Charging

Identify Principles about the Frunctions of the R-20 Components R-20 Hose Evacuation R-20 Servicing

R-19 Filter Separator Evo

R-20 Stump Tank Evac

R-19 Stump Tank Evacuation

Glassaway D In Development **ICON** Focus 3

LEGEND

Tablet Compatible Maintenance **TEXT** Operations

1/25

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