

HERCULES TRAINING CENTER

Course Catalog





TRAINING YOU CAN TRUST

The Hercules Training Center (HTC), is home to world class C-130J and L-382J training. Students will gain knowledge and experience exceeding industry standards through the use of state-of-the-art training devices utilizing electronic mediated lecture and interactive courseware presented by highly experienced, professional instructors.

Located at the OEM Lockheed Martin manufacturing facility in Marietta, Georgia, HTC is a single source for all military C-130J and commercial L-382J training needs.

We understand the strict requirements of developing a new workforce, the challenges of sustaining an existing workforce, and the training structure necessary to support the mission.

SAFETY FIRST...ALWAYS

Our pilot instructors, loadmaster instructors, and maintenance instructors know the aircraft and have extensive experience in student training. HTC strengthens Lockheed Martin's commitment to equipping pilots, loadmasters, and maintainers worldwide with the skills and training to complete the air mobility mission.

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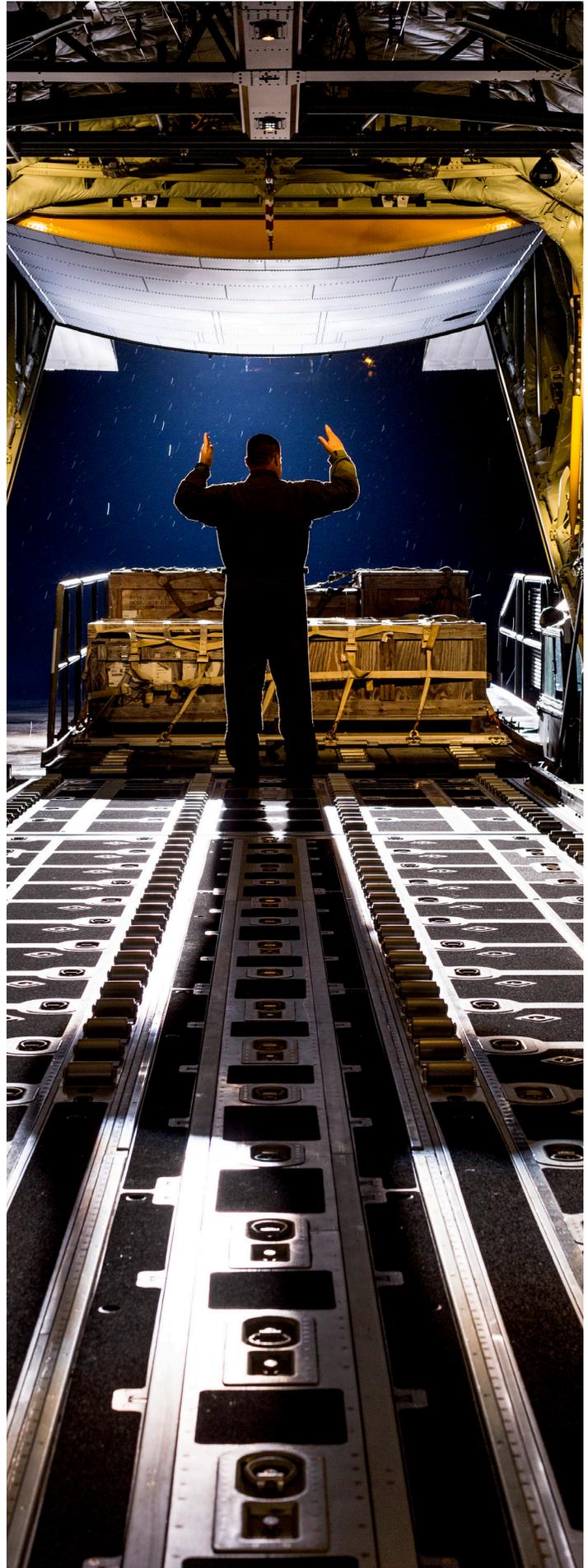


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C-130J PILOT INITIAL QUALIFICATION COURSE

COURSE DESCRIPTION

The C-130J Pilot Initial Qualification Course is intended for pilots seeking qualification in the C-130J aircraft.

The Pilot Initial Qualification Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

C-130J Pilot Initial Qualification (PIQ)

COURSE DURATION

- Eight (8) weeks

COURSE PREREQUISITES

Students must have:

- An instrument rating in a fixed wing, multi-engine aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



C-130J PILOT EMPLOYMENT SKILLS – SINGLE SHIP COURSE

COURSE DESCRIPTION

The Pilot Employment Skills – Single Ship Course is intended for pilots seeking airdrop and airland training in the C-130J aircraft. This course includes day and night training. NVG training may be available at customer request.

The Pilot Employment Skills – Single Ship Course covers the following topics:

- Airdrop Systems, Checklist and Emergency Procedures
 - ◇ Heavy Equipment, CDS and Personnel
- Airland Checklist Procedures
 - ◇ Tactical Approaches
 - ◇ Short Field Takeoff and Landing

COURSE NAME

C-130J Pilot Employment Skills – Single Ship Course (PES-SS)

COURSE DURATION

- Five (5) weeks

COURSE PREREQUISITES

Students must have:

- Completed the PIQ course (or an equivalent training course).
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.
- NVG training will require U.S. State Department approval.



C-130J PILOT EMPLOYMENT SKILLS – FORMATION COURSE

COURSE DESCRIPTION

The Pilot Employment Skills – Formation Course is intended for pilots seeking airdrop, airland, visual formation and CAPS/SKE training in the C-130J aircraft. This course includes day and night training. NVG training may be available at customer request. Training can be tailored to customer specifications by request.

The Pilot Employment Skills – Formation Course covers the following topics:

- Airdrop Systems, Checklist and Emergency Procedures
 - ◇ Heavy Equipment, CDS and Personnel
- Airland Procedures
 - ◇ Tactical Approaches
 - ◇ Short Field Takeoff and Landing
- Visual Formation (lead and wing)
- CAPS/SKE (lead and wing)

COURSE NAME

C-130J Pilot Employment Skills – Formation Course (PES-FM)

COURSE DURATION

- Eight (8) weeks

COURSE PREREQUISITES

Students must have:

- Completed the PIQ course (or an equivalent training course).
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.
- NVG training will require U.S. State Department approval.



C-130J PILOT REFRESHER COURSE

COURSE DESCRIPTION

The C-130J Pilot Refresher Course provides current and qualified pilots with a review of systems, aircraft handling, and flight characteristics. Additional topics may be added to the course as specified by the customer.

The Pilot Refresher Course covers the following topics:

- Aircraft Systems
- Inflight Maneuvers
- Emergency Procedures
- Crew Resource Management (CRM)

COURSE NAME

C-130J Pilot Simulator Refresher Training (PSR)

COURSE DURATION

- One (1) week

COURSE PREREQUISITES

Students must have:

- Completed the PIQ course (or an equivalent training course) and must be current and qualified in the C-130J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.



C-130J PILOT BLOCK UPGRADE COURSE

COURSE DESCRIPTION

The C-130J Pilot Block Upgrade Course provides current and qualified C-130J pilots with training focused on the differences between block 6.0 and block 8.1 (and beyond) variant software increments.

The Pilot Block Upgrade Course covers the following topics:

- Block 8.1 System Architecture
- Block 8.1 Communication Systems
- CNI-MU, CNBP and AMU Differences
- Vertical Navigation
- GPS Approach Procedures
- Datalink Operations
- Employment Includes Airdrop and Airland Instruction

COURSE NAME

C-130J Pilot Block Upgrade (PBU)

COURSE DURATION

- *Qualification Only:* Two (2) weeks
- *Qualification and Employment:* Three (3) weeks

COURSE PREREQUISITES

Students must have:

- Completed the PIQ course (or an equivalent training course) and must be current and qualified in the C-130J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



C-130J PILOT TRANSITION COURSE

COURSE DESCRIPTION

The C-130J Pilot Transition Course provides training for previously qualified legacy (C-130H/C-130E) pilots who are transitioning to the C-130J.

The Pilot Transition Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

C-130J Pilot Transition Course (PTX)

COURSE DURATION

- Seven (7) weeks

COURSE PREREQUISITES

Students must have:

- Previous qualification as a C-130H or C-130E pilot in command with a minimum of 500 hours in the C-130.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



C-130J PILOT SENIOR OFFICER COURSE

COURSE DESCRIPTION

The C-130J Pilot Senior Officer Course focuses on basic C-130J pilot skills. Pilots who complete this course are restricted to flying with an instructor pilot.

The Pilot Senior Officer Course covers the following topics:

- General Aircraft Knowledge
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Emergency Procedures
- Post Flight Procedures
- Employment Includes Introduction to Airdrop, Airland and Visual Formation

COURSE NAME

C-130J Pilot Senior Officer (SOP)

COURSE DURATION

- *Qualification Only:* Two (2) weeks
- *Qualification and Employment:* Four (4) weeks

COURSE PREREQUISITES

Students must have:

- Previous qualification as a C-130 or C-17 aircraft commander and be in or appointed to a senior officer or test pilot position.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



C-130J PILOT INSTRUCTOR COURSE

COURSE DESCRIPTION

The C-130J Pilot Instructor Course provides prospective instructor pilots the necessary knowledge and proficiency to operate the aircraft in a safe manner while providing flight instruction.

The Pilot Instructor Course covers the following topics:

- Teaching Methods and Techniques
- Crew Resource Management (CRM)
- Lecture Preparation and Presentations
- Inflight Maneuvers
- Emergency Procedures
- Employment May Include Airdrop, Airland and/or Formation (based on customer request)

COURSE NAME

C-130J Pilot Instructor (PIN)

COURSE DURATION

- **Basic Qualification (PIN1):**
Three (3) weeks
- **Qualification and Single-Ship Employment (PIN2):**
Four (4) weeks
- **Qualification and Formation Employment (PIN3):**
Five (5) weeks

COURSE PREREQUISITES

Students must have:

- A minimum of 200 C-130J hours as the pilot in command and be current and qualified in the customer's specific mission.
- A proficiency in the English language to include reading, writing and comprehension. Must possess a minimum English language comprehension level of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



C-130J LOADMASTER INITIAL QUALIFICATION COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Initial Qualification Course provides basic ground and inflight operating knowledge, cargo load planning, and onload/offload procedures for loadmasters seeking qualification in the C-130J.

The Loadmaster Initial Qualification Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Aircrew Coordination
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

C-130J Loadmaster Initial Qualification (LIQ)

COURSE DURATION

- Four (4) weeks (at HTC)
- Two (2) weeks (at customer location, on-aircraft training)

COURSE PREREQUISITES

Students must have:

- Completed a basic loadmaster course to include theory and calculation of aircraft weight and balance, understanding of cargo restraint and principles of cargo restraint calculation or have documented prior operational experience as a loadmaster in a C-130J or equivalent turboprop aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J LOADMASTER EMPLOYMENT SKILLS COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Employment Skills Course provides training for airdrop operations in the C-130J to include rigging, airdrop procedures and airdrop emergencies. NVG training may be available at customer request.

The Loadmaster Employment Skills Course covers the following topics:

- Heavy Equipment Drop
- CDS Airdrop
- Personnel Airdrop

COURSE NAME

C-130J Loadmaster Equipment Skills (LES)

COURSE DURATION

- Three (3) weeks (at HTC)
- Two (2) weeks (at customer location, on-aircraft training)

COURSE PREREQUISITES

Students must have:

- Completed the HTC LIQ course (or an equivalent initial qualification course).
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J LOADMASTER REFRESHER COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Refresher Course provides current and qualified loadmasters with a review of aircraft systems and emergency procedures. Additional topics may be added to the course as specified by the customer.

The Loadmaster Refresher Course covers the following topics:

- Aircraft Systems
- Emergency Procedures
- Crew Resource Management (CRM)

COURSE NAME

C-130J Loadmaster Refresher Training (LRT)

COURSE DURATION

- One (1) week

COURSE PREREQUISITES

Students must have:

- Completed the HTC LIQ course (or an equivalent initial qualification course) and be current and qualified in the C-130J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J LOADMASTER INSTRUCTOR COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Instructor Course provides prospective instructor loadmasters the necessary knowledge and proficiency to operate the aircraft in a safe manner while providing flight instruction.

The Loadmaster Instructor Course covers the following topics:

- Teaching Methods and Techniques
- Crew Resource Management (CRM)
- Lecture Preparation and Presentations
- Emergency Procedures
- Employment Includes Airdrop

COURSE NAME

C-130J Loadmaster Instruction (LIN)

COURSE DURATION

- *Qualification Only (LIN1):*
Two (2) weeks
- *Qualification and Employment (LIN2):*
Three (3) weeks

COURSE PREREQUISITES

Students must have:

- A minimum of 200 C-130J hours as a current and qualified loadmaster in the customer's specific mission.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or IACO La.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J LOADMASTER BLOCK UPGRADE COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Block Upgrade Course provides current and qualified C-130J loadmasters with training focused on the differences between block 6.0 and block 8.1 variant software increments.

The Loadmaster Block Upgrade Course covers the following topics:

- Block 8.1 Software Differences

COURSE NAME

C-130J Loadmaster Block Upgrade (LBU)

COURSE DURATION

- One (1) week

COURSE PREREQUISITES

Students must have:

- Completed the HTC LIQ course (or an equivalent initial qualification course) and be current and qualified in the C-130J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J LOADMASTER TRANSITION COURSE

COURSE DESCRIPTION

The C-130J Loadmaster Transition Course provides training for previously qualified legacy (C-130H/C-130E) loadmasters who are transitioning to the C-130J.

The Loadmaster Transition Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

C-130J Loadmaster Transition Course (LTX)

COURSE DURATION

- Three (3) weeks (at HTC)
- Two (2) weeks (at customer location, on-aircraft training)

COURSE PREREQUISITES

Students must have:

- Previous qualification as a C-130H or C-130E loadmaster with a minimum of 500 hours in the C-130.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



C-130J MAINTENANCE ENGINE RUN COURSE

COURSE DESCRIPTION

The C-130J Maintenance Engine Run Course provides the trained C-130J technician the skills and experience to safely start and operate the auxiliary power unit, engines, and related aircraft systems. Emphasis is placed on safety and crew resource management as well as the recognition of engine performance characteristics and normal and abnormal engine and aircraft systems operation.

The Maintenance Engine Run Course covers the following topics:

- Airframe and General Aircraft Systems
- Propulsion System
- APU System
- Normal Procedures
- Emergency Procedures
- Checklist Management

COURSE NAME

C-130J Maintenance Engine Run (MER)

COURSE DURATION

- Two (2) weeks

COURSE PREREQUISITES

Students must have:

- Completed the C-130J LMOEMB1 (or equivalent) course and be a current and qualified maintenance technician in the C-130J.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.



C-130J OEM MAINTENANCE SYSTEMS TRAINING AIRFRAME/PROPULSION COURSE

COURSE DESCRIPTION

The C-130J OEM Maintenance Systems Training Airframe/Propulsion Course is designed to provide airframe, propulsion and general systems training for the C-130J aircraft. The training consists of instructor led, Computer Aided Instruction (CAI) and Practical Exercises (PEs) in a classroom environment and provides the component locations, purpose, description, operation and system interface of the C-130J aircraft and systems.

The Airframe/Propulsion Course covers the following topics:

- Flight Controls
- Landing Gear/Brakes
- Hydraulics
- Pneumatics
- Fire/Overheat/Smoke Detection Fire Extinguishing
- Fuel System
- Windows/Doors
- Enhanced Cargo Handling System
- Auxiliary Power Unit
- AE2100D3 Powerplant and Subsystems
Propeller System
- Data Transfer and Diagnostic System
- Avionics & Electrical Overview

COURSE NAME

C-130J OEM Maintenance Systems Training Airframe Propulsion Course (LM0EMB1)

COURSE DURATION

- Eight (8) weeks (at HTC)
- Up to 60 training days (at customer location)

COURSE PREREQUISITES

Students must have:

- Prior aircraft maintenance experience in a similar specialty.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 80 or ICAO Language Proficiency (LPR) Level 3.



C-130J OEM MAINTENANCE SYSTEMS TRAINING AVIONICS/ELECTRICAL COURSE

COURSE DESCRIPTION

The C-130J OEM Maintenance Systems Training Avionics/Electrical Course is designed to provide C-130J maintainers training in the avionics, electrical and general systems training on the C-130J aircraft. The training consists of instructor led, Computer Aided Instruction (CAI) and Practical Exercises (PEs) in a classroom environment and provides the component locations, purpose, description, operation and system interface of the C-130J aircraft and systems.

The Avionics/Electrical Course covers the following topics:

- 1553 Data Bus
- Communication Systems
- Navigation Systems
- Indicating and Recording Systems
- Autopilot/Flight Director
- System Integration
- AC and DC Power/Distribution
- TCAS
- IFF
- Data Transfer & Diagnostic System

COURSE NAME

**C-130J OEM Maintenance Systems Training Avionics/
Electrical Course (LM0EMB2)**

COURSE DURATION

- Eight (8) weeks (at HTC)
- Up to 60 training days (at customer location)

COURSE PREREQUISITES

Students must have:

- Prior aircraft maintenance experience in a similar specialty.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 80 or ICAO Language Proficiency (LPR) Level 3.



L-382J PILOT INITIAL QUALIFICATION COURSE

COURSE DESCRIPTION

The L-382J Pilot Initial Qualification Course is intended for pilots seeking qualification in the L-382J aircraft, If applicable, an FAA type rating will be issued upon successful completion of this course.

This Pilot Initial Qualification Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

L-382J Pilot Initial Qualification (PIQ)

COURSE DURATION

- Twenty (20) hours of computer-based training (prior to HTC arrival)
- Six (6) weeks (at HTC)

COURSE PREREQUISITES

Students must have:

- A valid pilot certificate and/or type rating for a Multi-Engine Aircraft issued by ICAO recognized by Civil Air Authority.
- FAA (or ICAO equivalent) instrument rating.
- FAA-issued pilot certificate, if an L-382J type rating is desired.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to training.



L-382J PILOT REQUALIFICATION COURSE

COURSE DESCRIPTION

The L-382J Pilot Requalification Course is designed to requalify a previously qualified L-382J pilot that has been unqualified for two years or less.

The Pilot Initial Qualification Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Takeoff and Departure
- Inflight Maneuvers
- Landings and Approaches to Landings
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

L-382J Pilot Requalification Training (PRT)

COURSE DURATION

- Twenty (20) hours of computer-based training (prior to HTC arrival)
- Five (5) weeks (at HTC)

COURSE PREREQUISITES

Students must have:

- Documentation showing that they were previously qualified in the L-382J aircraft and have been unqualified for two years or less.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.
- International students must obtain TSA approval prior to attending training.



L-382J PILOT REFRESHER COURSE

COURSE DESCRIPTION

The L-382J Pilot Refresher Course provides current and qualified pilots with a review of systems, aircraft handling, and flight characteristics. Additional topics may be added to the course as specified by the customer.

The Pilot Refresher Course covers the following topics:

- Aircraft Systems
- Inflight Maneuvers
- Emergency Procedures
- Crew Resource Management (CRM)

COURSE NAME

L-382J Pilot Simulator Refresher Training (PSR)

COURSE DURATION

- One (1) week

COURSE PREREQUISITES

Students must have:

- Completed the Pilot Initial Qualification (or equivalent) course and be current and qualified in the L-382J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.



L-382J LOADMASTER INITIAL QUALIFICATION COURSE

COURSE DESCRIPTION

The L-382J Loadmaster Initial Qualification Course provides training to individuals supporting flight on the L-382J as determined by the customer. This course provides basic ground and inflight operating knowledge, cargo load planning, and onload/offload procedures.

The Loadmaster Initial Qualification Course covers the following topics:

- General Aircraft Knowledge
- Aircraft Systems
- Preflight Procedures
- Aircrew Coordination
- Emergency Procedures
- Post Flight Procedures

COURSE NAME

L-382J Loadmaster Initial Qualification (LIQ)

COURSE DURATION

- Twenty (20) hours of computer-based training (prior to HTC arrival)
- Three (3) weeks (at HTC)
- Two (2) weeks (at customer location, on-aircraft training)

COURSE PREREQUISITES

Students must have:

- Completed a basic loadmaster course to include theory and calculation of aircraft weight and balance, understanding of cargo restraint and principles of cargo restraint calculation or have documented prior operational experience as a Loadmaster in an LM-382J or equivalent turboprop aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



L-382J LOADMASTER REFRESHER COURSE

COURSE DESCRIPTION

The L-382J Loadmaster Refresher Course provides current and qualified loadmasters with a review of aircraft systems and emergency procedures. Additional topics may be added to the course as specified by the customer.

The Loadmaster Refresher Course covers the following topics:

- Aircraft Systems
- Emergency Procedures
- Crew Resource Management (CRM)

COURSE NAME

L-382J Loadmaster Refresher Training (LRT)

COURSE DURATION

- One (1) week

COURSE PREREQUISITES

Students must have:

- Completed the Loadmaster Initial Qualification (or equivalent) course and be current and qualified in the L-382J aircraft.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 70 or ICAO Language Proficiency (LPR) Level 3.



L-382J MAINTENANCE ENGINE RUN COURSE

COURSE DESCRIPTION

The L-382J Maintenance Engine Run Course provides the trained L-382J technician the skills and experience to safely start and operate the auxiliary power unit, engines, and related aircraft systems. Emphasis is placed on safety and crew resource management as well as the recognition of engine performance characteristics and normal and abnormal engine and aircraft systems operation.

The Maintenance Engine Run Course covers the following topics:

- Airframe and General Aircraft Systems
- Propulsion System
- APU System
- Normal Procedures
- Emergency Procedures
- Checklist Management

COURSE NAME

L-382J Maintenance Engine Run (MER)

COURSE DURATION

- Two (2) weeks

COURSE PREREQUISITES

Students must have:

- Completed the L-382J LMOEMB1 (or equivalent) course and be a current and qualified maintenance technician in the L-382J.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 85 or ICAO Language Proficiency (LPR) Level 4.



L-382J OEM MAINTENANCE SYSTEMS TRAINING AIRFRAME/PROPULSION COURSE

COURSE DESCRIPTION

The L-382J OEM Maintenance Systems Training Airframe/Propulsion Course is designed to provide airframe, propulsion and general systems maintenance and fault isolation training on the L-382J aircraft. The training consists of instructor led, Computer Aided Instruction (CAI) and Practical Exercises (PEs) in a classroom environment and provides the component locations, purpose, description, operation and system interface of the L-382J aircraft and systems.

The Airframe/Propulsion Course covers the following topics:

- Flight Controls
- Landing Gear/Brakes
- Hydraulics
- Pneumatics
- Fire/Overheat/Smoke Detection Fire Extinguishing
- Fuel System
- Windows/Doors
- Enhanced Cargo Handling System
- Auxiliary Power Unit
- AE2100D3 Powerplant and Subsystems
- Propeller System
- Data Transfer and Diagnostic System
- Avionics and Electrical Overview

COURSE NAME

L-382J OEM Maintenance Systems Training Airframe/Propulsion Course (LM0EMB1)

COURSE DURATION

- Eight (8) weeks (at HTC)
- Up to 60 training days (at customer location)

COURSE PREREQUISITES

Students must have:

- Prior aircraft maintenance experience in a similar specialty.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 80 or ICAO Language Proficiency (LPR) Level 3.



L-382J OEM MAINTENANCE SYSTEMS TRAINING AVIONICS/ELECTRICAL COURSE

COURSE DESCRIPTION

The L-382J OEM Maintenance Systems Training Avionics/Electrical Course is designed to provide L-382J maintainers training in the avionics, electrical and general systems training on the L-382J aircraft. The training consists of instructor led, Computer Aided Instruction (CAI) and Practical Exercises (PEs) in a classroom environment and provides the component locations, purpose, description, operation and system interface of the L-382J aircraft and systems.

The Avionics/Electrical Course covers the following topics:

- 1553 Data Bus
- Communication Systems
- Navigation Systems
- Indicating and Recording Systems
- Autopilot/Flight Director
- System Integration
- AC and DC Power/Distribution
- TCA
- IFF
- Data Transfer and Diagnostic System

COURSE NAME

**L-382J OEM Maintenance Systems Training Avionics/
Electrical Course (LMOEMB2)**

COURSE DURATION

- Eight (8) weeks (at HTC)
- Up to 60 training days (at customer location)

COURSE PREREQUISITES

Students must have:

- Prior aircraft maintenance experience in a similar specialty.
- Certification by their applicable regulatory agency (FAA/EASA), as required.
- A proficiency in the English language to include reading, writing and comprehension to include a minimum English Comprehension Level (ECL) of 80 or ICAO Language Proficiency (LPR) Level 3.



GENERAL STUDENT INFORMATION

LANGUAGE REQUIREMENTS

Training courses are conducted in the English language and all written material will be in the English language. Excellent comprehension skills and command of the English language is necessary.

COMPLETION STANDARDS

L-382J PILOT COURSE: Upon successful completion of a L-382J Pilot Course, minimum examination scores of 80% and 100% attendance rate, the student will receive a Certificate of Completion. Students that successfully complete the L-382J Pilot Initial Qualification course and who meet all FAA requirements will also receive an L-382J Type Rating. By request, students may also receive a qualification rating from their local aviation authority.

L-382J LOADMASTER COURSE: Upon successful completion of a L-382J Loadmaster Course, minimum examination scores of 85% and 100% attendance rate, the student will receive a Certificate of Completion. By request, students may also receive a qualification rating from their local aviation authority.

L-382J OEM MAINTENANCE COURSE: Upon successful completion of a L-382J Maintenance Course, minimum examination scores of 70% and 80% attendance rate, the student will receive a Certificate of Completion.

C-130J PILOT COURSE: Upon successful completion of a C-130J Pilot Course, minimum examination scores of 85% and 100% attendance rate, the student will receive a Certificate of Completion.

C-130J LOADMASTER COURSE: Upon successful completion of a C-130J Loadmaster Course, minimum examination scores of 85% and 100% attendance rate, the student will receive a Certificate of Completion.

C-130J OEM MAINTENANCE COURSE: Upon successful completion of a C-130J Maintenance Course, minimum examination scores of 70% and 80% attendance rate, the student will receive a Certificate of Completion.

ALLOWABLE TRAINING: All training will be in accordance with current U.S. State Department, Department of Homeland Security and Department of Transportation approvals and provisos.

PROPRIETARY INFORMATION: Lockheed Martin does not allow any customer to make audio or video recordings of training courses. The Hercules Training Center syllabi and curricula are proprietary and not for replication or issue.

STUDENT SERVICES: The HTC staff can assist with lodging, transportation and local area information upon request.

