



LM-100J Training Catalog





Introduction

The Hercules Training Center, HTC, is home to world class 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/or interactive courseware presented by highly experienced, professional instructors.

Course length is described in terms of training days which typically occurs five days a week and does not include U.S. Federal Holidays.

Students enrolling at the HTC will need to meet all entrance requirements. These requirements include obtaining a student exchange visa through the Department of Homeland Security, obtaining approval to attend an alien flight school program through the Transportation Security Administration, successfully completing and scoring a minimum score of 85% on a required English language comprehension test, and meeting all prerequisites for the Hercules Training curriculum. Personnel will be available to guide the student through the entire registration process to ensure all requirements are met.

The commercial aircraft designation given by Lockheed Martin is LM-100J. The Federal Aviation Administration certification designates the commercial aircraft as L-382J. For training purposes, these names are interchangeable.

Loadmaster is not an aircrew position on the L-382J and individuals receiving training in a course designated as Loadmaster are not considered aircrew. This training is offered in response to customer requests for training of an individual that the customer may choose to use in support of the aircrew.



Pilot Training

L-382J Type Rating

Course Name: **LMPIC1**

Course Description: Provides crew member specific (Captain/First Officer) training necessary to successfully complete a FAA L-382J Type Rating.

Course Length: 41 Hours/approximately 6 Training Days accomplished through Distant Learning

24 Training Days accomplished at the HTC

Pilot Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. Possess a valid pilot certificate and/or Type rating for a non-centerline thrust Multi-Engine Airplane (Land) aircraft issued by an ICAO recognized Civil Air Authority.
- d. If a U.S. Federal Aviation Administration Type rating is desired, and the student does not hold a U.S. pilot certificate, the student must apply for a U.S. private pilot certificate issued under Title 14 Code for Regulation Part 61, Section 75 prior to training.

Course Name: **LMSIC1**

Course Description: Provides crew member specific (Second in Command) training necessary to successfully complete a FAA L-382J Type Rating.

Course Length: 41 Hours/approximately 6 Training Days accomplished through Distant Learning

24 Training Days accomplished at the HTC

Pilot Prerequisites

- e. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- f. Possess a minimum English language comprehension level of 85.
- g. Possess a valid pilot certificate and/or Type rating for a non-centerline thrust Multi-Engine Airplane (Land) aircraft issued by an ICAO recognized Civil Air Authority.
- h. If a U.S. Federal Aviation Administration Type rating is desired, and the student does not hold a U.S. pilot certificate, the student must apply for a U.S. private pilot certificate issued under Title 14 Code for Regulation Part 61, Section 75 prior to training.



L-382J Periodic Review

Course Name: **LMPRT**

Course Description: Provides current and qualified pilots with system refresher, aircraft handling and flight characteristics as specified by the customer.

Course Length: 5 Training Days

Pilot Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. Student must have completed the LMPIC1 or an equivalent course and must be current and qualified in the L-382J.



L-382J Requalification

Course Name: LMPQR

Course Description: TBD

Pilot Prerequisites

- a. **TBD**



Loadmaster Training

L-382J Loadmaster Initial Qualification Dual Rail

Course Name: **LMLIQ1D**

Course Description: Provides training to individuals supporting the aircrew of the L- 382J as determined by the customer. This course provides basic ground and inflight operating knowledge, cargo load planning, cargo on load/offload on aircraft equipped with dual rails and aircraft refueling. Student will fly in the simulator with the pilot crew.

Course Length: 22 Hours Distant Learning

24 Training Days accomplished at the HTC

Up to 40 hours of practical loading application coordinated with the customer.

Loadmaster Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. 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 calculations or have documented prior operational experience as a Loadmaster in an L-382J equivalent large turbojet/turboprop aircraft.



L-382J Loadmaster Initial Qualification Enhanced Cargo Handling System

Course Name: **LMLIQ1E**

Course Description: Provides training to individuals supporting the aircrew of the L-382J as determined by the customer. This course provides basic ground and inflight operating knowledge, cargo load planning, cargo on load/offload on aircraft equipped with the ECHS and aircraft refueling. Student will fly in the simulator with the pilot crew.

Course Length: 22 Hours Distant Learning
24 Training Days accomplished at the HTC
Up to 40 hours of practical loading application coordinated with the customer.

Loadmaster Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. 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 calculations or have documented prior operational experience as a Loadmaster in an L-382J equivalent large turbojet/turboprop aircraft.



L-382J Loadmaster Ground Crew Dual Rail

Course Name: **LMLGCD**

Course Description: Provides training to individuals supporting the aircrew of the L-382J as determined by the customer. This course provides cargo load planning, cargo on load/offload on aircraft equipped with dual rails and aircraft refueling.

Course Length: 18 Hours Distant Learning

24 Training Days accomplished at the HTC

Up to 40 hours of practical loading application coordinated with the customer.

Loadmaster Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. 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 calculations or have documented prior operational experience as a Loadmaster in an L-382J equivalent large turbojet/turboprop aircraft.



L-382J Loadmaster Ground Crew Enhanced Cargo Handling System

Course Name: **LMLGCE**

Course Description: Provides training to individuals supporting the aircrew of the L-382J as determined by the customer. This course provides cargo load planning, cargo on load/offload on aircraft equipped with the ECHS and aircraft refueling.

Course Length: 16 Hours Distant Learning

24 Training Days accomplished at the HTC

Up to 40 hours of practical loading application coordinated with the customer.

Loadmaster Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. 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 calculations or have documented prior operational experience as a Loadmaster in an L-382J equivalent large turbojet/turboprop aircraft.



L-382J Loadmaster Refresher

Course Name: **LMLRT**

Course Description: This course provides system refresher training to individuals that have completed a LMLIQ1 course at customer request. Students will fly in the simulator with the pilot crew.

Course Length: 5 Training Days

Loadmaster Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85.
- c. Student must have completed the LMLIQ1 or an equivalent course and must be current and qualified in the L-382J.



Maintenance Training

L-382J Maintenance Engine Run

Course Name: **LMMER**

Course Description: This course is designed to teach qualified maintenance technicians to safely start and operate engines when engine running operations are required for maintenance action.

Course Length: 4 Training Days

Maintenance Technician Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85
- c. Must be a current and qualified maintenance technician on the L-382J.

L-382J Maintenance Engine Run with Ground Taxi Operations

Course Name: **LMMERT**

Course Description: This course is designed to teach qualified maintenance technicians to safely start, operate engines and perform low speed taxi operations when required for maintenance action.

Course Length: 5 Training Days

Maintenance Technician Prerequisites

- a. Students will be expected to understand written and spoken English in order to fully comprehend technical manuals.
- b. Possess a minimum English language comprehension level of 85
- c. Must be a current and qualified maintenance technician on the L-382J.



L-382J OEM Maintenance Training Air frame/Propulsion

Course Name: **LMOEMB1**

Course Description: TBD

Course Length: 35 Training Days

Maintenance Technician Prerequisites

- a. TBD

L-382J OEM Maintenance Training Avionics/Electrical

Course Name: **LMOEMB2**

Course Description: TBD

Course Length: 35 Training Days

Maintenance Technician Prerequisites

- a. TBD