Manuals Available:

Maintenance Manuals and Service Manuals

The manuals contain the information necessary for a trained mechanic to perform servicing, fault isolation (trouble shooting) and functional testing of various systems. It also includes information necessary for the mechanic to perform maintenance on the aircraft at the Line Replaceable Unit (LRU) level which includes removal and installation, adjustment, cleaning, painting and minor repairs.

Wiring Manuals

The manuals contain the information necessary for a trained mechanic to perform fault isolation (troubleshooting) and wiring repairs of various system on the aircraft. Wiring manuals are only available for aircraft written to ATA Specification 100. Service manual wiring diagrams are copies of the engineering wiring diagram and are located in Section 9 of each Service manual.

Customized Completion Manuals (Learjet)

The manuals contain the maintenance data and illustrated parts catalogue of optional equipment installed on the Learjet Model 60, Model 45, and Model 40 aircraft. The manual covers the configuration of the aircraft as delivered to the customer.

Avionics and Optional Electrical Customization Wiring Manual (Learjet)

The Avionics and Optional Electrical Customization Wiring Manual (A&E) contains the wiring diagrams of the optional avionics, communications and optional electrical equipment installed on the aircraft as specified in the aircraft work authorization. The manual covers the aircraft as delivered to the customer, and any alteration made after delivery is not covered. The wiring diagrams are copies of the engineering wiring diagrams, and are arranged in order of the index. An electrical load analysis, provided by the Learjet engineering department, is also included (if available).

Structural Repair Manuals

The Structural Repair Manuals have been designed to acquaint maintenance personnel with the factory-approved structural repair procedures, as well as information regarding the proper steps for maintaining the aircraft in an airworthy condition. Each section contains a listing that may be used as an aid in the identification of airframe structural members, their respective part numbers, and appropriate repair procedures.

Nondestructive Inspection Manuals

The Nondestructive Inspection (NDI) Manual contains the appropriate information necessary to enable properly equipped, trained and qualified inspection facilities/personnel to accomplish a definitive inspection of the aircraft as covered by this manual.
Flight Manuals

Airplane Flight Manuals are approved by the applicable regulatory authority: FAA, Transport Canada, or JAA. These manuals provide the operating limitations, operating procedures, performance data, and weight and balance data.

Pilots' Manuals

Pilots’ Manuals are not approved by the applicable regulatory authority: FAA, Transport Canada, or JAA. They provide the description and operation of the aircraft, its systems, and flight planning data. Flight planning data includes climb performance, cruise performance, descent performance and holding performance.

Crew Checklists

Crew Checklists are not approved by the applicable regulatory authority. They provide operating procedures (abbreviated form of the AFM normal, emergency and abnormal procedures), performance data and supplemental data.

Ground Handling, Servicing and Emergency Information Booklets

These booklets are designed to provide information to personnel that are not necessarily familiar with BBAS aircraft, but are called upon to provide servicing or emergency service (e.g. fire fighters). Included in the booklet is a general description of the aircraft, towing, jacking and servicing information, danger areas, explosive hazards, egress information, fire fighting information and emergency lifting instructions.

Master Minimum Equipment Lists

The MMEL is an FAA document that details the suitability of an aircraft for dispatch given the status of the aircraft’s systems.

Important Information Cards (Learjet)

These cards are provided for each passenger location and provide operation of exits, brace positions, oxygen mask donning, life vest use, seat belt and shoulder harness operation, and proper cabin preparation for takeoff and landing.

Passenger Convenience Cards (Learjet)

These cards are provided for each passenger location and provide operation of cabin lights, typical passenger seat, cabin audio controls, cabin environmental controls, card and work tables, and lavatory equipment.
Flight Crew Operational Advisories Booklet

This booklet is designed to fit behind the Safety Advisories tab divider found in the flight manual binder. The booklet contains information on recommended training for a Learjet crew, a condensed "do" and "don't" list, how weather can affect your flight, and medical facts for flight crew members.

Illustrated Parts Catalogs

The Illustrated Parts Catalogs contain listing of replacement parts to support the standard production aircraft. They also contain parts listing of replacement parts that are applicable to the aircraft due to modification by a service bulletin.

Technical Publications also maintains numerous other publications for aircraft components, foreign certifications, flight manual supplements and special missions aircraft.