Westwind 1124/1124A

Aircraft Maintenance Initial Course (10 Day)

Course Outline and Syllabus

Objective

This program is designed to give aircraft technicians an in-depth understanding and skills necessary to maintain the Westwind 1124/1124A safely, efficiently and cost effectively. This course will also introduce technicians to the latest developments to the aircraft such as: AD's, Service Bulletins and Service Letters. The end result should be: safer aircraft operations, lowered maintenance costs and greater dispatch reliability.

Accreditation

AccuJet's technical training courses meets the Air Transport Association Specification 104 recommended guidelines at Level III - Line and Base Maintenance Training and also meets the FAA requirements contained in FAR 65.93(A)(4) for Inspection Authorization Renewal.

Enrollment Prerequisites

Each student should be a licensed aircraft technician, and/or currently employed by a FAA certified repair station or aircraft operator.

Classroom Size

20 students or less is preferred per class.

Course Duration

The course is a total of ten days Monday thru Friday (70 hours training completion time).

Training Location

Classes are usually held either at our classroom at Trimec Aviation, Inc. Ft. Worth, TX or at or near customer's facility.
Classes held at our facility will allow the students to become more familiar with the location of the aircraft components and at the same time allow them to get a feel for the intensity of the inspections and repairs of the Westwind. Together AccuJet and Trimec will offer the best Westwind Maintenance Training available anywhere.

Training Aids/Publications

Training manuals along with manufacturer's manuals and other vendor publications are used during the course.

Training Equipment

AccuJet's technical training courses are delivered to its clients by using state of the art multimedia presentations. Field trips to an actual aircraft are also used to enhance training when available.

Completion Standard

70 hours of training will result in an Westwind 1124/1124A Maintenance Initial Course Completion Certificate and Course Summary Sheet.

AccuJet Aviation Maintenance Training
P.O. Box 163011, Ft. Worth, TX 76161
Office: 817-581-7999
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Fax: 817-581-7902

AccuJet Aviation Maintenance Training

Course Outline/Schedule

The Westwind 1124/1124A Maintenance Initial Course outline is shown below. Class times will be from 8:00am to 4:00pm with an hour for lunch Monday thru Friday. Please make your travel arrangements to correspond with these times.

DAY 1 = 7 hrs	DAY 2 = 7 hrs	DAY 3 = 7 hrs	DAY 4 = 7 hrs	DAY 5 = 7 hrs
Introduction (.5 hr) **Tech Manual Review** (.5 hr) **Maintenance Manual Review** (1.0 hr) **Aircraft Overview** (ATA 5 – 12) (5.0 hrs) ○ Time Limits and Maintenance Checks ○ Dimensions and Areas ○ Lifting and Shoring ○ Leveling and Weighing ○ Towing and Taxiing ○ Parking and Mooring ○ Placards and Markings ○ Servicing	**Aircraft Stuctures** (ATA 51 – 57) (2.5 hrs) ○ Structures ○ Doors ○ Fuselage ○ Nacelles and Pylons ○ Stabilizers ○ Windows ○ Wings **Standard Practices Airframe** (ATA 20) (1.0 hr) ○ Brief overview of chapter 20 in the Wiring Manual. **Electrical** (ATA 24) (3.5 hrs) ○ Components ○ Operation ○ Monitoring	**Electrical Con't…** (4.0 hrs) ○ Troubleshooting ○ Latest Developments **Lighting** (ATA 33) (2.5 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting **Electrical Panels** (ATA 39) (.25 hr) ○ Components ○ Operation **Equipment / Furnishings** (ATA 25) (.25hr) ○ Components ○ Operation	**Bleed Air / Air Conditioning / Pressurization** (ATA 21) (7.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments	**Ice and Rain Protection** (ATA 30) (5.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **Hydraulics** (ATA 29) (2.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **WEEKLY TEST (50 questions)**
DAY 6 = 7 hrs	**DAY 7 = 7 hrs**	**DAY 8 = 7 hrs**	**DAY 9 = 7 hrs**	**DAY 10 = 7 hrs**
Landing Gear (ATA 32) (5.0 hrs) ○ Ext/Retraction ○ Steering ○ Brakes ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **Thrust Reversers** (ATA 78) (2.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments	**Flight Controls** (ATA 27) (7.0 hrs) ○ General ○ Aileron and Tab ○ Rudder and Tab ○ Elevator ○ Horizontal Stabilizer ○ Horizontal Stabilizer Trim Actuator ○ Flaps ○ Speed Brakes and Lift Dumpers ○ Gust Locks ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments	**Fuel** ATA 28) (7.0 hrs) ○ Storage ○ Distribution ○ Dump ○ Indicating ○ Auxiliary Fuel System ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments	**Avionics** (ATA 23, 34, and 22) (4.0 hrs) System overview of: ○ Communications ○ Navigation ○ Autoflight **Oxygen** (ATA 35) (1.0 hr) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **Fire Protection** (ATA 26) (2.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments	**Starting and Ignition** (ATA 80) (1.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **Powerplant** (ATA 71-77, 79) (5.0 hrs) ○ Components ○ Operation ○ Monitoring ○ Troubleshooting ○ Latest Developments **RVSM General and Aircraft Specific** (1.0 hrs) **WEEKLY TEST (50 questions)**

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