TFE731 Classic Series Line Maintenance / Familiarization

Course Outline and Syllabus

Objective

This program is designed to give aircraft technicians an in-depth understanding and skills necessary to maintain the TFE 731-2, -3, - 4 and -5 (Classic Series) engines safely, efficiently and cost effectively. 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 II/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 three days (21 hours training completion time).

Training Location

Classes are usually held either at or near customer's facility.

Training Aids/Publications

Training manual 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.

Instruction Method

Instructor lead classroom discussion (lectures) along with classroom participation (questions, comments). Students are certainly encouraged to participate throughout each session.

AccuJet Aviation Maintenance Training
P.O. Box 163011, Ft. Worth, TX 76161
Office: 817-581-7999
Toll Free: 1-866-581-7999
Fax: 817-581-7902

Completion Standard

21 hours of training will result in a TFE731 Line Maintenance Familiarization Training Course Completion Certificate and Summary Sheet.

Course Outline/Schedule

The TFE731 Line Maintenance Familiarization Training Course outline is shown below. Class times will be from 8:00am to 4:00pm with an hour for lunch. Please make your travel arrangements to correspond with these times.

DAY 1 = 7 hrs	DAY 2 = 7 hrs	DAY 3 = 7 hrs
Powerplant (ATA 71, 72) **(5.0 hrs)** ○ General Description and Operation ○ Removal and Installation ○ Teardown ○ Engine Mounts ○ Electrical Harness ○ Drains **Oil (ATA 79)** **(2.0 hrs)** ○ General Description and Operation ○ Distribution ○ Indicating ○ Troubleshooting ○ Latest Developments	**Engine Fuel and Control (ATA 73)** **(6.0 hrs)** ○ General Description and Operation ○ Distribution ○ Controlling ○ Indicating ○ Troubleshooting ○ Latest Developments **Ignition (ATA 74)** **(1.0 hrs)** ○ General Description and Operation ○ Troubleshooting ○ Latest Developments	**Engine Controls (ATA 76)** **(2.0 hrs)** ○ General Description and Operation ○ Surge Bleed Valve ○ Engine Computers **Engine Indicating (ATA 77)** **(2.0 hrs)** ○ General Description and Operation ○ Maintenance Practices **Test and Review** (50 Questions) **(3.0 hrs)**

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