



## FPMF Cessna Citation II

### **First Officer Initial Pilot Training Course**

This 13-day FAA & JAA approved flight training course, donated by **FlightSafety International**, will be taught at the Toledo, Ohio Learning Center. Recipients are responsible for their own transportation to & from the training facility and meals & lodging while attending the course. The \$1,000 stipend donated by FPMF is designed to help defray a portion of those costs.

Retail value of the course is approximately \$15,000.

### **Ground School Course Curriculum (7 Days)**

#### **Day #1 Mon 8.0 hrs**

Administration Time  
Introduction to the Aircraft  
Preflight  
Aircraft General  
Electrical  
Lighting  
Master Warning  
Powerplant  
Fire Protection

#### **Day #2 Tue 7.5 hrs**

Fuel  
Hydraulics General  
Thrust Reversers  
Landing Gear & Brakes  
Flight Controls

#### **Day #3 Wed 7.5 hrs**

Ice and Rain Protection  
Pneumatics  
Air Conditioning  
Pressurization  
Oxygen  
Avionics

#### **Day #4 Thurs 5.0 hrs**

Systems Integration  
Weight & Balance  
AFM / Operating Manual

**Day #5 Fri 5.0 hrs**

Flight Planning  
Performance  
LAHSO / PRM  
Windshear

**Day #6 Mon 3.0 hrs**

Systems Review

**Day #7 Tue 3.0 hrs**

Written Exam

\* Total Ground Training: 38 hrs

**Simulator Session (6 Days)**

**Technical Objectives:**

The pilot will develop the skill to maneuver the aircraft with and without the automatic flight control system, become proficient in the of standard operating procedures, normal & abnormal checklists & procedures, airwork, precision & non-precision approaches and operating the aircraft in various atmospheric conditions.

At the completion of the training the pilot should be able to safely and efficiently operate the aircraft and perform the duties and responsibilities of the second in command. Training is done using Level C simulators.

Each two hour simulator module includes an additional 1 hr. briefing and ½ hr. debriefing.

- **Preflight Briefing**
  - Review CRM Issues, Cockpit Briefings, Weather and Aircraft Conditions and all elements of the lesson
- **Flight Preparation and Surface Operations**
  - TOLD Card, Checklists, Pre-start, Starting, Taxi, Ground Icing and Pre-takeoff Checks
- **Takeoffs**
  - Normal, Crosswind, Rejected, Engine failure at V1 and during 2nd Segment, Lower than Standard T.O. Minimum Instrument T.O., SID's in icing conditions, IFR departure procedures, and Wind Shear
- **Climb**
  - Normal, VENTR Climb, Power plant Shutdown and Restart
- **Enroute**
  - Steep Turns, Stalls, Unusual Attitudes, Slow Flight, Maximum Endurance and Maximum Range Procedures
- **Descent**
  - Normal and Emergency
- **Arrival Procedures & Approaches**
  - STARs, Precision and Non-precision Approaches, Coupled, Single & Two Engine Approaches
- **Landings**
  - Normal, Crosswind & Windshear
- **Systems Procedures**
  - Normal and Abnormal
  - Airframe Icing
  - Emergency
    - Engine, Hydraulics, Landing Gear, Brakes and Flaps
    - Smoke & Fires, Electrical, Pneumatics, pressurization
    - Flight Controls and Avionics
- **Postflight Procedures**
  - After Landing, Parking, Shutdown and Securing

**FPMF Citation II Flight Training Course Scholarship Application Requirements are as Follows:**

1. Applicant must be a U.S. citizen

2. Applicant must be a college junior or senior currently enrolled in a two or four-year aviation flight program with plans to complete a curriculum leading to a degree and a career in the aviation industry, or be a post graduate flight instructor, teacher at their alma mater
3. Applicant must have a Commercial Pilot Certificate with Multi-Engine Land and Instrument Airplane Ratings
4. A Flight Instructor Certificate with multi-engine rating is preferred
5. Applicant must possess a current Second Class Medical
6. Applicant must have a 3.25 minimum GPA (on a 4.0 system) at the time of application
7. The completed application shall be accompanied by the following items:
  - o A letter of recommendation from a member of the Aviation Department Faculty at the institution in which the applicant is currently enrolled
  - o A current resume
  - o Official transcripts from current and all prior collegiate institutions
  - o A 250-word essay describing the applicant's aviation background, current status and future aviation goals
  - o Photocopies of all FAA Ratings/Certificates held
8. Recipient of the training award must complete the training program within one year of receipt of the scholarship

Please direct any questions to David Leach via e-mail at: [daleach@sbcglobal.net](mailto:daleach@sbcglobal.net) or phone: 248-760-0015