

Publications and Training Solutions

Course Syllabus: 523-0824381

COURSE TITLE: Pro Line Fusion - Cessna CJ3 Pilot

PREREQUISITES:

1. Students should have a basic knowledge of aircraft avionics systems.
2. Students should be familiar with the Microsoft Windows® operating system.
3. Students should complete the Welcome to Rockwell Collins eLearning CBT.
4. Students should have a working knowledge of the English language.

PURPOSE:

This course provides CJ3 operators with the knowledge necessary to operate the Pro Line Fusion® Avionics system.

OBJECTIVES: Upon completing this course, the student should be able to:

1. Identify the general operating principles of the Pro Line Fusion® avionics system on the CJ3.
2. Identify the operating principles of the MultiFunction Display (MFD).
3. Identify the operating principles of the Primary Flight Display (PFD).
4. Upload and download a Flight Plan using a USB storage device.
5. Perform basic operations using the Pro Line Fusion® avionics system.

COURSE LENGTH: Approximately Five (5) Hours

REFERENCES:

1. Cessna CJ3 Pro Line Fusion Operator Guide 523-0824075

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COURSE OUTLINE

0. Introduction

1. Familiarization

- A. Overview
- B. Philosophy
- C. MFD
- D. PFD
- E. USB Flight Plan Loading

2. Drill & Practice

- A. Pre-Flight
- B. Engine Start
- C. Before Taxi
- D. Taxi
- E. Takeoff
- F. Initial Climb
- G. Cruise
- H. Descent
- I. Approach
- J. Go Around/Missed Approach

3. Tips & Tricks

- A. Touch Interactive Map
- B. Baroalt – Radar Tilt Knob
- C. Looking At Weather Radar
- D. User Defined Holds
- E. Radio Tuning
- F. Flight Planning
- G. Data Loading

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- H. Graphical Flight Planning
 - I. Flight Path Vector

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EQUIPMENT TYPE:

| EQUIPMENT | NOMENCLATURE | PART NUMBER |
|-------------------------------------|---------------------|--|
| Adaptive Flight Display | AFD-3700 | 822-3065-001 |
| Cursor Control Panel | CCP-3500 | 822-2754-010 |
| Multifunction Keyboard Panel | MKP-3500 | 822-2568-010 |
| Single Knob Panel | SKP-3500 | 822-3163-010 (Baro Knob) 822-3163-020 (Tilt Knob) |