



Rockwell Collins Services Training and Information Solutions Course Syllabus: 523-0810198

COURSE TITLE: Pro Line 21 King Air
Level I Operators Course

AUDIENCE: Students should be experienced instrument pilots transitioning from “conventional” cockpits to those of the King Air with Rockwell Collins, Inc. Pro Line 21 Integrated Avionics System installed.

PURPOSE: This course provides training to familiarize pilots with the functionality of the Pro Line 21 instrumentation.

OBJECTIVE: Upon completing this course, the student will be able to:

1. Identify Pro Line 21 Instrumentation.
2. Comprehend how Pro Line 21 components function in unison to provide the pilot flight information.
3. Perform the steps to enter Performance Data, A Flight Plan and execute a Missed Approach.
4. Perform the En-Route operational procedures.

COURSE LENGTH: 6 Hours

REFERENCES:

1. Pro Line 21 King Air Operators Guide 523-0790065

Pro Line 21 King Air COURSE OUTLINE

I. Welcome to Rockwell Collins e-Learning

II. Primary Flight Display (PFD)

- Overview
- Familiarization
 - Primary Flight Display
 - Control Switches
 - Display Control Panel
- Nav/BRG Operation Procedures

III. Multi-Function Display (MFD)

- Overview
- Familiarization
 - Multi-Function Display
 - Display Control Panel

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- CDU/MFD Operation

IV. Flight Guidance Panel (FGP)

- Familiarization
 - Flight Guidance Panel
 - Flight control Switches

V. Integrated Flight Information System (IFIS)

- Familiarization
 - Integrated Flight Information System

VI. Radio Sensor System

- Familiarization
 - Control Display Unit Tune Pages
 - CTL-23D
 - Reversionary Control Switches

VII. Weather Radar (WXR)

- Familiarization

VIII. Control Display Unit (CDU)/ Flight Management System (FMS)

- Overview
- Familiarization
 - Introduction to the FMS
 - Key Elements
 - Operational Features
 - Data Entry
 - Settings
 - Control Display Unit
 - CDU Status Pages
 - CDU Index Pages
- Power-Up Procedures
- Build Flight Plan Procedures
- Save and Load Procedures
- Performance Data Procedures
- En-Route Procedures

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- Missed Approach Procedures

IX. Messages and Annunciations

- Familiarization
 - Engine Indicating System of EIS
 - System Messages and Annunciations
 - Display Reversion

X. Flight Plan Scenarios

- Original Flight Plan
- Flight Plan Re-Route
- Flight Plan Predicted Change
- Flight Plan Missed Approach