COURSE TITLE: **FMS-3000 Flight Management System**
Pilot (Level I Operator) Course

AUDIENCE: Students should be experienced with Rockwell Collins, Inc. Avionics Systems.

PURPOSE: This course provides training to familiarize pilots with the functionality of the FMS-3000.

OBJECTIVE: Upon completing this course, the student will be able to:
1. Provide an overall understanding of FMS-3000 principles, and operations.
2. Identify system components and the functional/operational characteristics.
3. Identify typical aircraft system interface/system architecture.

COURSE LENGTH: Approximately 2 hours (Course length will vary from individual to individual, depending on the experience level of the participant and the Pre/Post Testing options that are selected.)

REFERENCES:

1. FMS-3000 Operator's Guide   523-0790066

FMS-3000 COURSE OUTLINE

I.   **Introduction**
  A. Welcome to Rockwell Collins Training

II.   **FMS Configuration Information**

III.   **FMS Theory of Operation**
  A. Key Elements
  B. Operations Features
  C. Data Entry
  D. Settings

IV.   **Power Up**
  A. CDU Power Up Page
  B. Checking for a Current NAV Database
  C. Swapping the Current and Second NAV Database
  D. Loading a new set of NAV Database
  E. Synchronizing FMS1 and FMS2
  F. Initializing the FMS Position
  G. Clearing the Message Data Line
  H. Deleting the Current Active Flight Plan

V.   Guided Practice
  A. Flight Plan 1
          1.   Entering the Departure Airport
          2.   Entering the Destination Airport
          3.   Entering an Alternate Airport
  B. Flight Plan 2
          1.   Entering a Waypoint
          2.   Entering an Airway
          3.   Deleting a Flight Plan Discontinuity
          4.   Entering a Delete Command
  C. Flight Plan 3
          1.   Entering the Departure Runway
          2.   Entering the SID
          3.   Entering the Destination Approach & Transition
          4.   Viewing the Flight Plan on Plan Map
          5.   Viewing other Airport Data

VI.   Save and Load
  A. Save the Flight Plan to a Pilot Route List
  B. Save the Flight Plan to a Disk
  C. Copy the Active Flight Plan to the Second Flight Plan
  D. Activate the Second Flight Plan

VII.   Performance Data
  A. Enter the Cruise Altitude
  B. Enter the Passenger Weight
  C. Check Total Fuel Onboard
  D. Check the Performance Mode

VIII.   Guided Practice
  A. Enroute 1
          1.   Viewing the LEGS Page
          2.   Deleting a Flight Plan Discontinuity
          3.   Entering a Hold
          4.   Modifying a Hold
  B. Enroute 2
          1.   Inserting a Direct-To Waypoint
          2.   Inserting a Radial Intercept From a Heading Leg
          3.   Inserting a Radial & Distance Waypoint
          4.   Inserting an Off Airway Waypoint

IX.   Missed Approach
  A. View the Missed Approach
  B. Sequence to the Missed Approach
  C. Sequence to the Alternate
  D. Delete the Current Active Flight Plan

X.   Summary