

Publications and Training Solutions

Course Syllabus: 523-0809352

COURSE TITLE: CPAS-3000 Data Loading
Flight Line Maintenance (Level I)

PREREQUISITES:

Students should have basic knowledge of aircraft avionics systems and a working command of the English language.

PURPOSE:

This course provides training to acquire and upload databases using the Collins Portable Access Software (CPAS-3000).

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

1. Identify equipment functions and operational characteristics.
2. Identify importing databases and upload and download databases in accordance with aircraft procedures.
3. Identify software database management functions.

COURSE LENGTH: 30 Minutes

REFERENCES:

- | | |
|--|-------------|
| 1. CPAS-3000 Data Load Operator's Guide | 523-0790386 |
| 2. CPAS-3000 Data Loading Instructions Quick Reference Guide | 523-0809167 |
| 3. Simplification of CPAS-3000 Computer Setup Service Information Letter (SIL) | 523-0807061 |

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COURSE OUTLINE

0. Welcome & Introductions

1. System Requirements FSU

- A. Laptop
- B. Laptop Usage Guidelines
- C. Software

2. Database Types: Overview

- A. Flight Management System (FMS)
- B. Electronic Charts (ECH-5000)
- C. Enhanced Map Overlays
- D. File Server Unit (FSU)
- E. Flight Management Computer (FMC)
- F. Maintenance Diagnostics Computer (MDC)

3. Acquiring Databases

- A. CD-ROM
- B. Web Site
- C. Web Location
- D. Web Login
- E. Select Database
- F. Save Database
- G. Install Database

4. Connect to the Aircraft

- A. Thru Flight Service Units
- B. Cables/Ports
- C. Launch Application

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5. Manage Data/Software

- A. Launch Pad
- B. Verify Data
- C. Import Database
- D. Select Source Drive
- E. Importing Jepp View
- F. Select Database
- G. Finish Import

6. Dataload: Launch Pad

7. Uploading

- A. Refresh Targets
- B. Select Database
- C. Begin Load
- D. Multifunction Display (MFD) Indications
- E. Progress
- F. Load Failed
- G. Load Successful
- H. Exit CPAS
- I. MFD Recovered

8. Download

- A. Initiate
- B. Select Line Replaceable Unit (LRU)
- C. Select File
- D. Begin Load
- E. Load Successful
- F. Close Status

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G. Exit CPAS

H. Default Summary

9. Summary

EQUIPMENT TYPE:

EQUIPMENT	NOMENCLATURE	PART NUMBER
Collins Portable Access Software	CPAS-3000	810-0032-001/-002/-003