

Publications and Training Solutions

Course Syllabus: 523-0822292

COURSE TITLE: Airshow® 500 (AS-500) Differences Instructor Led Training (ILT)
Dealer Certification Course

PREREQUISITES:

1. Proficiency in speaking and reading simplified English
2. Completed Airshow 400, 410 and 4000 CBT on the LMS

PURPOSE:

This course provides cabin system concept of installation, operation, and troubleshooting.

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

1. Define the differences and similarities between the Airshow 400, 410, 4000 and the new AS-500.
2. Identify basic installation practices for the Airshow 500.
3. Understand normal operations.
4. Discuss AS-500 troubleshooting procedures.

COURSE LENGTH: 1 Day

TRAINING DEVICES:

1. NOT APPLICABLE

TRAINING MATERIALS:

1. Copies of Training materials and manuals on USB.

REFERENCES:

1. Airshow 500 Installation and Maintenance Manual (IMM) 523-0822220
2. Airshow 500 Operator Guide (OG) 523-0822219

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COURSE OUTLINE

0. Welcome & Introductions

- A. Course Overview
 - i. Welcome
 - ii. Student Registration

1. Chapter 1 – Mechanical Design

- A. Tray Mount
- B. Flange Mount

2. Chapter 2 – Functional Description

- A. 2D Maps
- B. 3D Maps
- C. Relative Location Indicator
- D. Flight Instrument Panel View
- E. Heads Up Display
- F. Time Zone Globe
- G. World Clock View
- H. On-board Settings Editor

3. Chapter 3 – System External Interfaces

- A. Front Panel
- B. Back of Unit
- C. Block Diagram

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4. Chapter 4 – Airshow 500 Installation/Removal

- A. Unpacking and Inspecting Equipment
- B. Installation
 - i. Installation Kits
 - ii. AS-500 (Tray Mount) Installation
 - iii. AS-500 (Flange Mount) Installation
 - iv. Interactive Controller
 - v. Flight Deck Controller (FDC) Installation
 - vi. Time to Destination (TTD) Controller Installation
- C. System Setup
- D. Data Loading Procedures

5. Chapter 5 – Airshow 500 Operations

- A. GUI Settings Editor
 - i. Select Language
 - ii. Basic Setting Tab
 - iii. Advanced Settings Tab

6. Chapter 5 – Airshow 500 Operations

- A. System Access Maintenance Mode
- B. 429 Troubleshooting

EQUIPMENT TYPE:

EQUIPMENT	NOMENCLATURE	PART NUMBER
AS-500 Tray Mount	Airshow® 500 (AS-500) Passenger Flight Information System	441-1333-100
AS-500 Flange Mount	Airshow® 500 (AS-500) Passenger Flight Information System	441-1332-100