

Publications and Training Solutions

Course Syllabus: 523-0824951

COURSE TITLE: Stage™ Maintenance Practices

PREREQUISITES: Students should have basic knowledge of aircraft avionics systems, familiarity with computers with Windows Operating Systems, and a working command of the English language.

PURPOSE: This course provides line maintenance personnel with training on the requirements for creating an account, installing field loadable software, Wireless Access Point configuration, initializing the Media Server Unit, Display Electronics Unit and using the MSU Status pages.

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

1. Complete an Account Setup
2. Load Field Loadable Software
3. Display Electronics Unit Functionality
4. Configure the WAP as required
5. Initialize the MSU
6. Verify the MSU using the Status pages

COURSE LENGTH: 1 Day

TRAINING DEVICES:

Classroom with overhead projector for Microsoft PowerPoint Presentation

TRAINING MATERIALS:

1. PDF copies of Microsoft PowerPoint presentation and references

Note: Students should bring laptop or tablet to read digital PDF handouts from USB



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REFERENCES:

1.	Stage™ Wireless User Guide	523-0824178
2.	Media Server Unit (MSU) Installation and Maintenance Manual	523-0824185
3.	Initialization of (MSU) Replacement with Stage Service	523-0824871
4.	Stage Software Update 1.2	523-0825049
5.	MSU Abbreviated Component Maintenance Manual	523-0824487
6.	Display Electronics Unit (DEU) Abbreviated Component Maintenance Manual	523-0825223
7.	Venue™ Version 9 with Test and Simulation Tool (TST) Version 1.3.33	523-0822712

COURSE OUTLINE

0. Welcome & Introductions

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

1. Lesson 1 – MSU Software Loading Using Test Simulation Tool (TST)

- A. Software loading of the MSU using TST
- B. Modifying the PC Host File
- C. Connecting a Windows PC to the MSU
- D. Installing and configuring TST and FileZilla

2. Lesson 2– DEU Functionality

- A. Functionality
- B. Interfaces
- C. System Block Diagram
- D. Stage Broadcast HDMI Interface
- E. Interfaces

3. Lesson 3 – WAP Configuration Requirements



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- A. Guidelines required to configure the Network and WAP
- B. Required DNS Entries
- C. Network A
- D. Network B
- E. Network C
- F. Initializing the MSU

4. Lesson 4 – MSU Maintenance Interface

- A. Accessing the MSU Maintenance Status Pages
 - i. Home Tab
 - ii. Sync Tab
 - iii. System Tab
 - iv. Setup Tab

EQUIPMENT TYPE:

EQUIPMENT	NOMENCLATURE	PART NUMBER
MSU	Media Server Unit	441-2058-100
DEU	Display Electronics Unit	441-2159-100