



# Publications and Training Solutions

## Course Syllabus: 523-0817978

**COURSE TITLE:** Venue™ HD Cabin Management System  
Level I Operations & Flight Line Maintenance

**EQUIPMENT TYPE:**

EQUIPMENT	NOMENCLATURE	PART NUMBER
Media Center Device	MCD-300X	441-0008-XXX
High Definition Audio Video Distributor	HDAV-600X	441-0007-XXX
High Definition Touch Screen Equipment	HTSE	441-0165-XXX
Galley Touchscreen Switch Panel 10.6"	GTS	822-2647-101
Primary Port Controller (Environmental Controller)	PPC	2052-1-1
Electronic Control Module	ECM	441-0038-100
Touch Screen Controller (TC)	TC-6000	441-0174-100
RF/IR Remote Controller	RF/IR Controller	2033-1-1
Dual Blu-Ray Disc Player	BDP	441-0089-100 (H) 441-0089-101 (V)
Bulkhead High Definition Monitor	HDM, Bulkhead	441-0005-XXX
WAP-3000/4000	WAP	441-0140-XXX
Applications and Media Server Unit	SKYBOX (AMSU)	441-151X-100

**PREREQUISITES:**

1. Familiarity with computers, DOS commands, and Windows XP Operating System
2. Proficiency in speaking and reading simplified English
3. Ability to read schematic diagrams
4. Familiarity with avionics system testing and troubleshooting
5. Laptop computer for maintenance/software loading

**PURPOSE:** This course provides line maintenance personnel with training on system components, concept of operation, and operation of the diagnostic tool.



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

1. Identify Venue™ HD Line Replaceable Units (LRUs)
2. Identify optional and 3rd party Venue™ HD products
3. Explain the baseline system operation
4. Perform conformity checks using the Galley Touchscreen (GTS) and Test and Simulation Tool (TST)
5. Perform System Status checks using the GTS and TST

**COURSE LENGTH:** 2 Days (1.5 days classroom, .5 days hands on if available)

**TRAINING DEVICES:**

- Demo Rig, System Rack or Aircraft as available

**TRAINING MATERIALS:**

1. PowerPoint Presentation with LCD projector
2. Electronic handouts on USB

**REFERENCES:**

- |  |             |
|--|-------------|
| 1. VENUE Installation and Maintenance Manual 44-21-02                                | 523-0817219 |
| 2. VENUE System Fault Isolation Manual (FIM) Test and Simulation Tool (TST) 44-21-03 | 523-0817843 |
| 3. Applications and Media Server Unit (AMSU) 44-20-99                                | 523-0821027 |

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## **Course Syllabus: 523-0817978**

### **VENUE HD CMS COURSE OUTLINE**

#### **I. Welcome**

- A. Training Overview
  - 1. Welcome
  - 2. Student Registration
  - 3. Student Policies and Procedures

#### **II. Introduction to VENUE**

- A. Cabin Control
- B. Entertainment

#### **III. Theory of Operation**

- A. System Overview
- B. Aircraft Layout
- C. MCD
- D. HDAV
- E. PSW
- F. Aux Panels
- G. PPC
- H. RS-232
- I. Communication Devices
- J. Source Devices
- K. Switch Panels
- L. Monitors
- M. Operations

#### **IV. VENUE HD System Diagnostics**

- A. Performing a conformity check using TST
- B. Performing system checks using TST
- C. Maintenance Laptop setup