

Publications and Training Solutions

Course Syllabus: 523-0824385

COURSE TITLE: Venue™ HD Cabin Management Systems Commonalities and Differences on Aftermarket, Falcons, and Globals

PREREQUISITES: Students should have basic knowledge of aircraft avionics systems, the ability to read block diagrams, and a working command of the English language (interpreters are available for special cases). Students should have familiarity with computers, DOS commands, and Windows Operating Systems and a laptop computer for maintenance/software loading.

PURPOSE: This course provides line maintenance personnel with training to operate and perform flightline maintenance for the Venue System. This course is designed to teach troubleshooting, using diagnostic tools, for replacement of line replacement units (LRUs) and does not include internal maintenance of any component. The Venue System consists of the LRUs identified in the section titled EQUIPMENT TYPE by nomenclature and part number, including associated peripheral equipment identified as deliverable hardware.

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

1. Provide an overall understanding of Venue HD Operation.
2. Identify Venue Aftermarket, Falcon, and Global System Components
3. Identify Optional and 3rd Party Venue HD Products.
4. Perform a Software Conformity Check using the Galley Touch Screen (GTS) and Test Simulation Tool (TST).
5. Per a System Status Checks using the GTS and TST.

COURSE LENGTH: 2 Days

TRAINING DEVICES:

- a. Test and Simulation Tool

Publications and Training Solutions

Course Syllabus: 523-0824385

TRAINING MATERIALS:

1. PowerPoint Presentation with LCD/Box Light projector
2. Student Guide – Flash drive (pdf) – Training Presentation
Information Sheets
Block Diagrams

REFERENCES:

- | | |
|--|-------------|
| 1. Venue Installation and Maintenance Manual (IM) | 523-0817219 |
| 2. Venue Fault Isolation Manual (FIM) Test and Simulation Tool (TST) | 523-0822712 |
| 3. Venue High Definition Cabin Management System Operator's Guide | 523-0818449 |
| 4. Falcon Cabin HD+ Quick Reference Guide | 523-0823784 |
| 5. Skybox Applications and Media Server Unit (AMSDU) Installation and Maintenance Manual (IMM) | 523-0821175 |
| 6. Venue on Bombardier Global 5000V/6000 Aircraft Maintenance Manual | 523-0823704 |
| 7. Venue on Bombardier Global 5000V/6000 Operator's Guide | 523-0823896 |

Publications and Training Solutions

Course Syllabus: 523-0824385

COURSE OUTLINE

Note: Add and Remove Sections as Required based on Aircraft

0. Welcome & Introductions

A. Course Overview

- i. Welcome**
- ii. Student Registration**

1. Media Center Device (MCD)

2. 2052 Cabin Management Module – Environmental Controller

3. High Definition Audio Video (HDAV)

4. Dual Blu-Ray Disk Player (DBDP)

5. Programmable Switch Panel (PSW)

6. Touchscreen 6000 (TC-6000)

7. High Definition Touchscreen Equipment (HTSE)

8. Power Distribution Equipment (PDE)

9. Large Area Monitor (LAM)

10. Smart Remote Electronics Box (SRMEB)

11. Electronic Control Module (ECM)

12. Auxiliary Jack Panels

13. Cabin Remote

14. Tailwind 500

15. 2033 RF/IR Remote Controller

16. 2501 "A" Type Switches

17. Mini Switch (MSW)

18. Wireless Access Point (WAP-3000)

19. Wireless Access Point (WAP-4000)

20. Application Media Server Unit (AMSU)

21. Skybox Control

22. Flight Deck Controller (FDC)

Publications and Training Solutions Course Syllabus: 523-0824385

- 23. Catalog Transfer Application (CTA)**
- 24. Stage Audio Video On Demand**
- 25. Test and Simulation Tool (TST)**
- 26. Summary – Review**

Publications and Training Solutions

Course Syllabus: 523-0824385

EQUIPMENT TYPE:

EQUIPMENT	NOMENCLATURE	PART NUMBER
Media Center Device	MCD-300X	441-0008-XXX
Cabin Management Module (Environmental Controller)	CMM	2052-1-X
Relay Drive Equipment (Environmental Controller)*	RDE-6000	2052-1-10
High Definition Audio Video Distributor	HDAV-3000 HDAV-3002	441-0007-100 441-0007-102
High Definition Audio Video Distributor	HDAV-6000 HDAV-6002	441-0102-100 441-0186-100
Dual Blu-Ray Disc Player	BDP	441-0089-100 (H) 441-0089-101 (V)
Programmable Switch	PSW	441-0010-XXX (RH) 441-0070-XXX (LH)
Touch Screen Controller (TC)	TC-6000	441-0174-100
Bulkhead High Definition Monitor	10.6" HDM, Bulkhead	441-0005
Personal Entertainment Monitor	PEM	441-0165
High Definition Touch Screen Equipment 10.6"	HTSE	822-2647-100
Galley Touch Screen Equipment 10.6"	GTSE	822-2647-101
Large Area Monitor Bulkhead Display Units	LAM BDU	441-0116 (19") 441-0117 (22") 441-0133 (24")
24" Bulkhead Display Unit*	24" BDU	441-0133-100
Electronic Control Module	ECM	441-0038-100
RF/IR Remote Controller	RF/IR Controller	2033-1-1
Flight Deck Controller	FDC	922000-X
"A" type Switch Panel	Switch Panels	2501-X-XXX
1x1 and 1x3 Switch Panels, Lav, Table and Entrance Lights*	Switch Panel	2600-1-xxx (Generic)
1x3 Conf and Divan Switch Panels*	Switch Panel	2601-1-xxx (Generic)
HDMI Jack Panel*	Jack Panel	2600-2-xxx (Generic)

Publications and Training Solutions

Course Syllabus: 523-0824385

EQUIPMENT	NOMENCLATURE	PART NUMBER
1X1 Mini-Switch	MSW	441-0024-10X
1X2 Mini-Switch		441-0062-10X
1X3 Mini-Switch		441-0025-10X
1X4 Mini-Switch		441-0063-10X
Power Distribution Equipment (PDE) DC*	PDE-6000	10718B01E01
Power Distribution Equipment (PDE) DC personality module*	PDE-6010	10720B01E00
Power Distribution Equipment (PDE) AC*	PDE-6100	10719B01E01
Power Distribution Equipment (PDE) AC personality module*	PDE-6110	10722B01E00
Applications and Media Server Unit	AMSU (SKYBOX)	441-151x-100
Server Unit		
Wireless Access Point 4000 (DC)	WAP 4000	73001002-002
Wireless Access Point (Antenna Kit)	WAP	73001001-001

***Note:** Blue Text items are specific to Bombardier Global 5000V/6000