

Cabin Upgrade Packages for Gulfstream G350, G450, G500 and G550 Aircraft

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Take your luxury cabin environment a step higher with new contemporary features.

By replacing older components from your Advanced Cabin Management System (ACMS), you can now enjoy a state-of-the-art cabin at a fraction of the cost of a new system. Benefit from not only new features, but also considerable weight savings and greater reliability.

Enjoy a cost-effective installation to add high-level, high-definition (HD) media to your currently installed system. And because this is a Rockwell Collins package, you are assured of our on-going support.

Rockwell Collins has specially designed three cabin upgrade packages for you. Each upgrade provides a cost-effective solution while addressing the obsolescence issues of ACMS.

Essential components are included to complete each package type, but are vastly customizable (see additional options list). These cabin upgrade packages are:

Option 1: Audio and Video Distribution

Option 2: Venue™ cabin management system

Option 3: Venue – Full Interactive

Additional upgrade options available from Rockwell Collins include:

- > Integration with third-party displays
- > Dual Blu-ray™ Disc player
- > Wireless Cabin Remote using iOS and Android™ devices
- > Tailwind® 500 multiregional in-flight TV system
- > Airshow® Interactive and Airshow® 500 moving maps
- > Airshow application for your iOS and Android devices

Rockwell Collins is proud to offer additional value for your purchase through a limited time offer of Corporate Aircraft Service Program (CASP) discounts for new enrollments and renewals. CASP is a premier maintenance and cost management program that assures maximum aircraft dispatch ability, minimum downtime and reduced life cycle costs. Choose from three levels of service, tailored for your operational needs: CASP Essential, CASP or CASP Elite.

**Rockwell
Collins**

Building trust every day

PRODUCT DESCRIPTION

Rockwell Collins has solutions that will modernize your cabin. Enjoy options such as:

STANDARD DISPLAYS

Rockwell Collins offers a great selection of displays for your Gulfstream luxury business jet, enabling two-way control of entertainment sources such as Blu-ray, SiriusXM® Radio, and satellite TV. Select from galley and personal in-seat touch screens.

- > **Personal In-seat touch screen** – This category offers a 10.6-inch touch-screen display mounted on a convenient plug-in arm swivel for viewing comfort. The graphic interface allows passengers to dynamically switch users and interact with their VIP preferences. This display allows for hot-swapping among receptacles.
- > **Galley touch screen** – This 10.6-inch touch screen allows the flight crew to manage the cabin system's lighting, shades, water, climate, audio, video, speakers and displays from one location.

JACK PANEL AUXILIARY AUDIO/VIDEO AND DATA INPUTS

Rockwell Collins offers a family of jack panel options, allowing passengers to use their carry-on devices. HDMI™, RCA, VGA, USB, and Ethernet interfaces are available. The choices are nearly limitless to tailor your cabin experience for your in-flight delight.

DUAL BLU-RAY DISC PLAYER

The Dual Blu-ray Disc player offers two independent disc drives, so you can play separate content on different displays, speakers or headphones. This way, passengers in one zone can enjoy a thriller epic movie while those in another zone can view more family friendly content. The player provides HDMI, HD-SDI and composite video outputs and supports Blu-ray, standard DVD, CD and MP3 formats.

CABIN CONTROLS

Rockwell Collins understands the importance of controlling your cabin environment and entertainment choices. Upgrade options include:

- > **Cabin Remote App for iOS and Android devices**^{9,10} – Available in the Apple iTunes® or Google Play® Stores exclusively from Rockwell Collins, this application enables you to control your cabin's functionality through your iOS and Android devices. Transform your iPad®, iPod touch, iPhone®, Samsung tablet, and other Android devices into a complete cabin remote. The Cabin Remote App astutely recognizes and synchronizes to your cabin's configuration and provides control options. Access all entertainment sources (e.g. satellite TV, Airshow, Blu-ray Disc players and SiriusXM radio sources), create ambience through lighting and temperature controls, showcase your suite of monitors with a desired source and manage speaker settings of bass, balance and treble.

- > **Personal Touchscreen (TC-6000)** – This control gives passengers command of their cabin surroundings through an elegant, easy-to-use interface. The icon-based, touch-screen control enables smooth interaction with the entertainment, passenger service, lighting, temperature control and other features of the aircraft cabin. The panel supports a user interface with swipe capabilities and can dynamically support VIP and standard configurations.

CONNECTIVITY

Rockwell Collins prides itself on being a leader in technology. Its connectivity solutions bring your Gulfstream more information and entertainment within the aircraft cabin. Productivity and entertainment can now function precisely how you prefer.

- > **Tailwind® 500** – Live television viewing is now available with the most desired aircraft antenna. This antenna works in the United States, Europe, the Middle East, India and Russia. Refer to the Marketing Bulletin CSBRS-110086.08.
- > **WAP-4000** – Rockwell Collins offers the WAP-4000 dual band 802.11 n WAP with DHCP. It is an 802.11 a/b/ g/n enterprise-grade access point and is compliant with the I/O requirements of ARINC 763. It can operate in the cabin in wireless LAN or terminal wireless LAN modes, and from local or remote antennas. The WAP-4000 is certified to RTCA DO-160F.

AIRSHOW INTERACTIVE, AIRSHOW 500 AND AIRSHOW MOBILE APP

Rockwell Collins enables you to have real-time flight information data. Airshow is the leader in moving maps technology and can reside within your CMS to personalize your flight itinerary.

- > **Airshow Interactive** – Every passenger can watch and interact with their personal Airshow map on their in-seat touch-screen display. This application is integrated into Rockwell Collins' smart touch-screen display, eliminating the need to install additional Airshow hardware.
- > **Airshow 500** – Bring unprecedented features to your flight experience, including a variety of 3D moving-map technologies. Airshow 500 continues to use real-time flight data to provide the most interactive flight experience possible.
- > **Airshow Mobile App** – stay informed along your journey in a much more personal way using the Airshow Mobile App on your own iOS or Android device. Tap and swipe menus and views for an interactive, on-demand experience. See what you want, when you want.

AUDIO-VIDEO ON DEMAND (AVOD) WIRED AND WIRELESS
Bring your non-DRM content and stream video and audio to a Rockwell Collins smart bulkhead display, in-seat touchscreen monitor, or personal device. Each passenger can view the shared content utilizing a third party DNLA player application that has been integrated with this feature.

CASP SPECIAL INCENTIVES

Rockwell Collins is offering a CASP discount program when you take advantage of this Marketing Bulletin offer for remaining Rockwell Collins equipment in your aircraft.

For aircraft not currently enrolled in CASP, enroll within 30 days of placing an order for this upgrade and receive a 10% discount on current CASP prices.

Aircraft enrolled in CASP at the time of order placement will receive a 5% discount on their CASP renewal (in addition to the standard 10% renewal discount).

Aircraft that enroll (or are currently enrolled) in the CASP Elite package, receive a once a year \$5,000 discount towards the purchase of new equipment, and unlimited 10% Service Bulletin upgrade discount, which may be applied toward equipment in this Marketing Bulletin or future purchases.

For CASP details and other discounts that may apply to your aircraft, contact a CASP representative at +1.319.295.4361 or [REDACTED]. Or, visit CASP on [REDACTED].

Discounts listed in this bulletin may be combined with all other standard CASP discounts.

TRADE-IN CREDIT (Please refer to the Equipment Trade-In Pricing table below)

A trade-in credit can be applied if the hardware purchased is part of a full Venue system meeting a minimum price.

The credit will be applied upon trading in a Rockwell Collins' ACMS system. The cabin management system should include the audio/video distributor, controllers and monitors.

The removed hardware must be returned to the Rockwell Collins Wichita Service Center. Trade-in credit is valid for the purchase of new units only. Dealer acceptance of this bulletin obligates the dealer to pass the applicable equipment trade-in amount in full to the aircraft end operator.

EQUIPMENT TRADE-IN

Part Number	Type Number
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High Definition Distributors

441-0102-100	HDAV-6000 High Def. A/V Distributor
441-0186-100	HDAV-6002 High Def. A/V Distributor

High Definition In-Seat Monitor (HTSE)

441-0165-102	High Definition Touchscreen Equipment with extended arm
441-0165-103	HD Touchscreen Equipment with standard arm

TERMS AND CONDITIONS

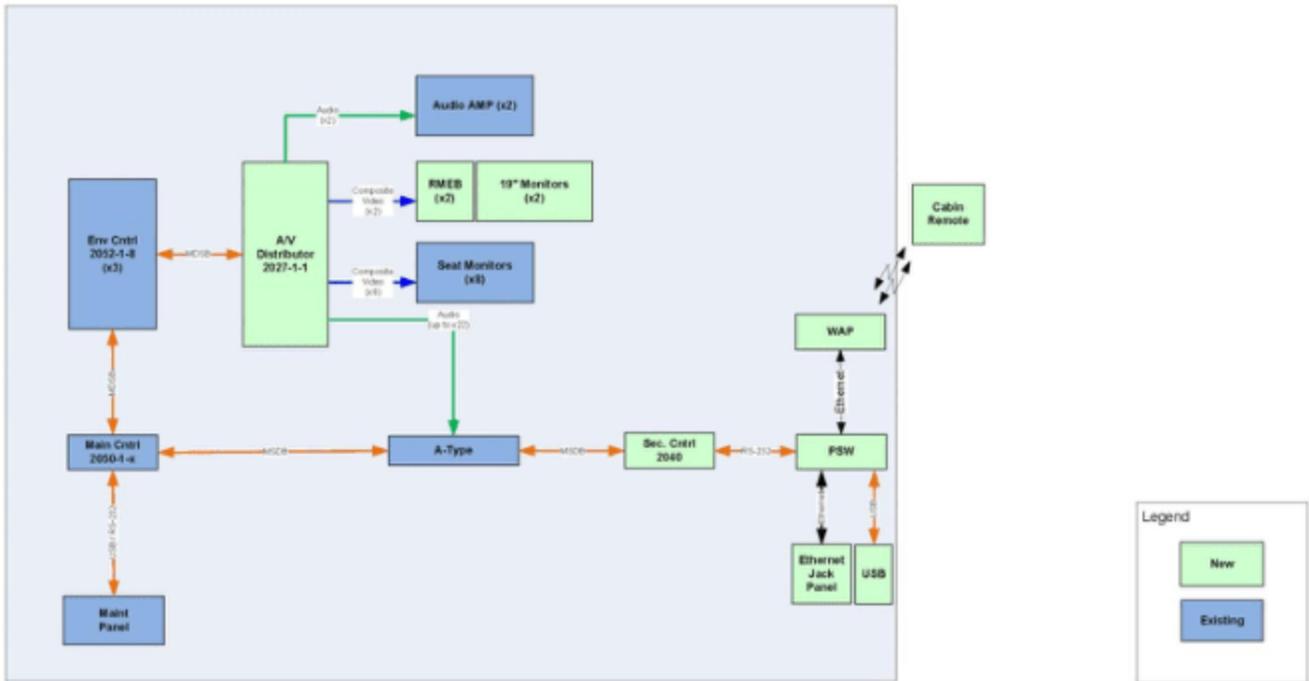
Unless otherwise noted, this program is valid for orders placed between April 1, 2017 and December 31, 2017, with delivery requested by March 31, 2018. Warranty period is three years for new equipment and one year for modified equipment. Standard warranty does not apply to software.

DISCOUNT FOR REPLACEMENT

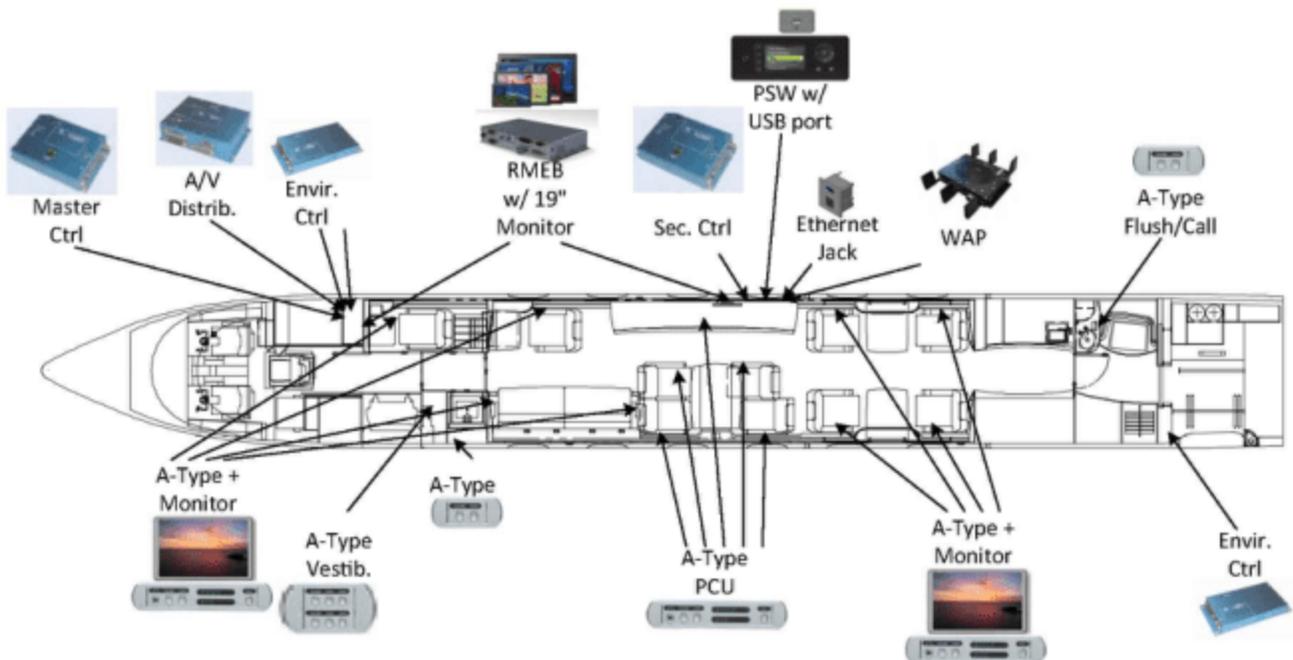
Rockwell Collins is pleased to provide a discount to be extended to Rockwell Collins' Dealers opting to upgrade to a Venue System in lieu of repairing their existing ACMS system. The Venue shipset order must be placed for a minimum value in the Purchase Order to Rockwell Collins for the discount to apply.

ACMS UPGRADE OPTION 1: A/V DISTRIBUTION

BLOCK DIAGRAM



LOCATION OF PASSENGER ACCOMMODATIONS



ACMS UPGRADE OPTION 1: A/V DISTRIBUTION

Description	Notes	Part Number	Qty
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Controllers

24x24 A/V Distributor		2027-1-1	1
Cabin Remote Application Software		SW-VENU-2WAYRMT	1

Switch Panels

Ethernet Jack Panel (for Maintenance)		2600-2-21-xxxx	1
USB Jack Panel		441-0091-100	1
Faceplate, USB Jack Panel, Plateable		442-1382-001	1
Programmable Switch (PSW) with Jack, RH	1	441-0010-102	1
PSW Faceplate, RH, Black		442-0037-001	1
TC-6000/PSW 3-Leg Cable		442-0176-001	1
Secondary Port Controller	2	2040-1-1	1

Monitors & NRE

19" Monitor, Remote Display Unit		1901-100	2
Standard RMEB		0700-107	2
NRE			1

Notes:

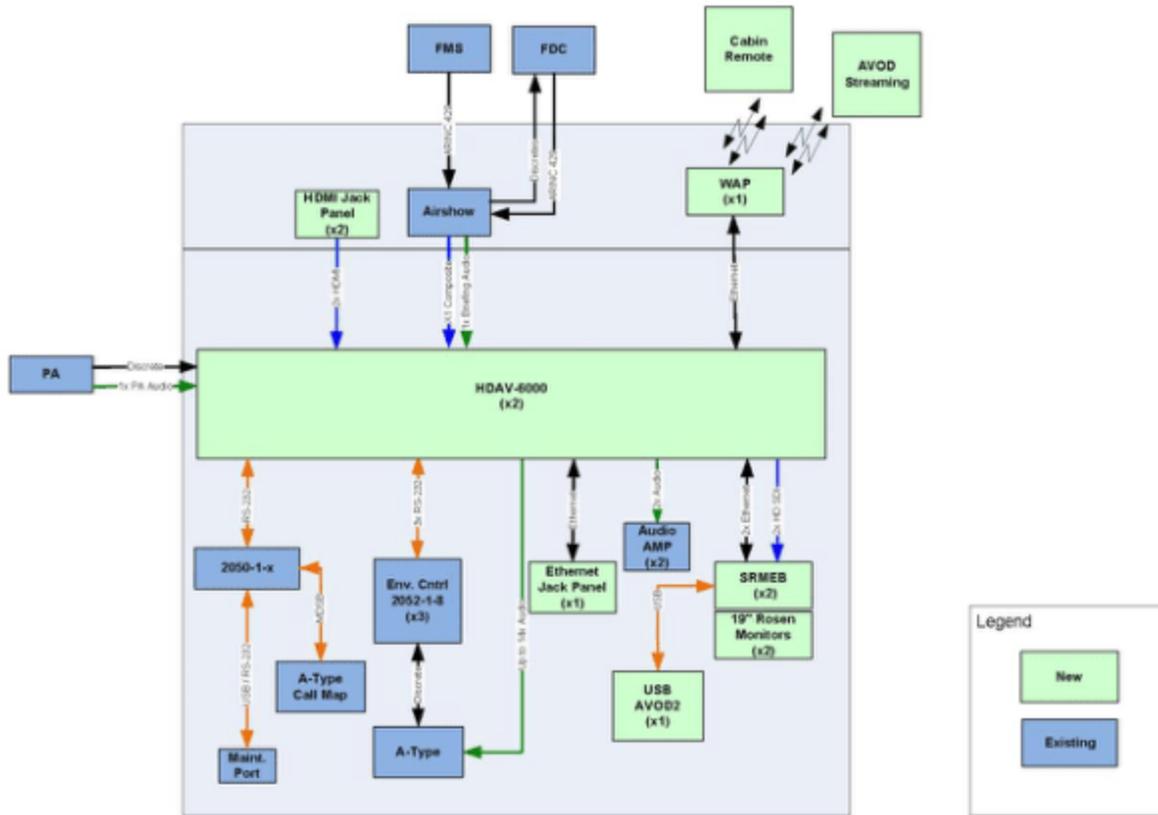
1. The PSW provides a connection between the CMS system (via a serial connection) and the WAP, Ethernet Jack Panel (via Ethernet) and the USB Panel. It is not intended for user operation and should not be passenger accessible.
2. A second PSW is required for the XM Radio using the RS-232 port. The first PSW that is connected directly to the 2040 controller is occupying the RS-232 port, which is the reason why a second PSW is needed.
3. Aircraft may already be equipped with a Secondary Port Controller, please contact your Rockwell Collins Technical Sales team for verification.

Wiring Notes:

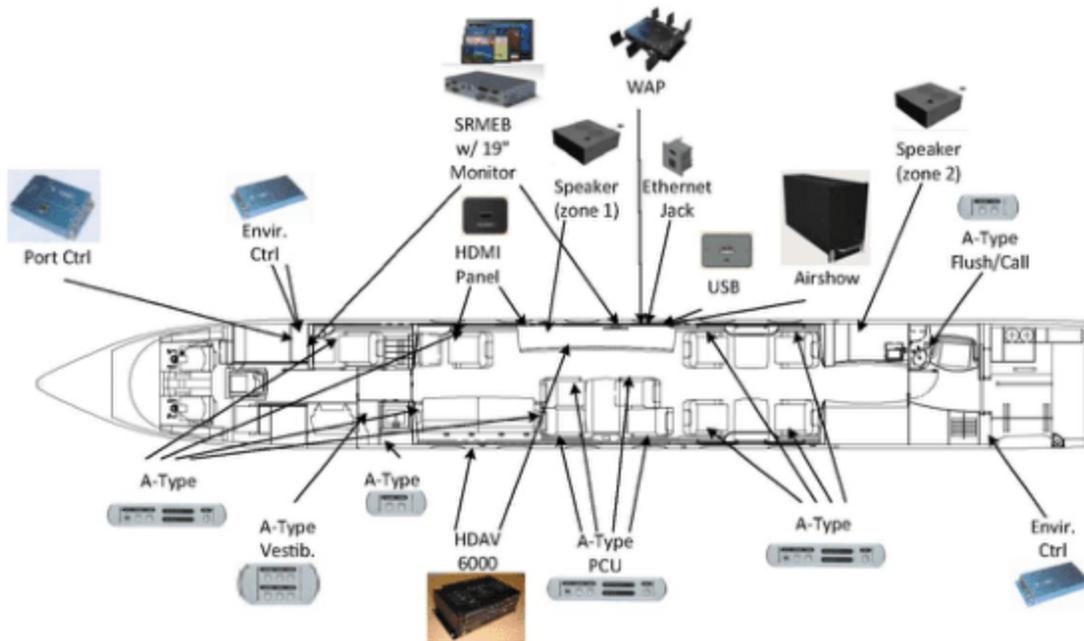
4. Rewire A-type switch panels power to +28V aircraft power
5. Rewire MDSB chain to add 2027 A/V Distribution
6. Replace any source equipment and/or monitors which were on the 1394 DIB loops such as VCR, CD Player and RC 1394 monitors as they will no longer function without DIB network
7. Rewire aircraft A/V sources to 2027 inputs
8. Rewire A-type headset jacks, cabin speakers and monitors to 2027 outputs

ACMS UPGRADE OPTION 2: VENUE CABIN MANAGEMENT SYSTEM

BLOCK DIAGRAM



LOCATION OF PASSENGER ACCOMMODATIONS



ACMS UPGRADE OPTION 2: VENUE

Description	Part Number	Qty
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Controllers

HDAV-6000 High-Def. A/V Distributor	441-0102-100	2
Cabin Remote Application Software	SW-venu-2WAYRMT	1

Switch Panels

Ethernet Jack Panel (for Maintenance)	2600-2-21-xxxx	1
HDMI Jack Panel	441-0056-101	2
Faceplate, HDMI Jack Panel, Plateable	442-1404-001	2
USB Jack Panel	441-0091-100	1
Faceplate, USB Jack Panel, Plateable	442-1382-001	1

Displays & NRE

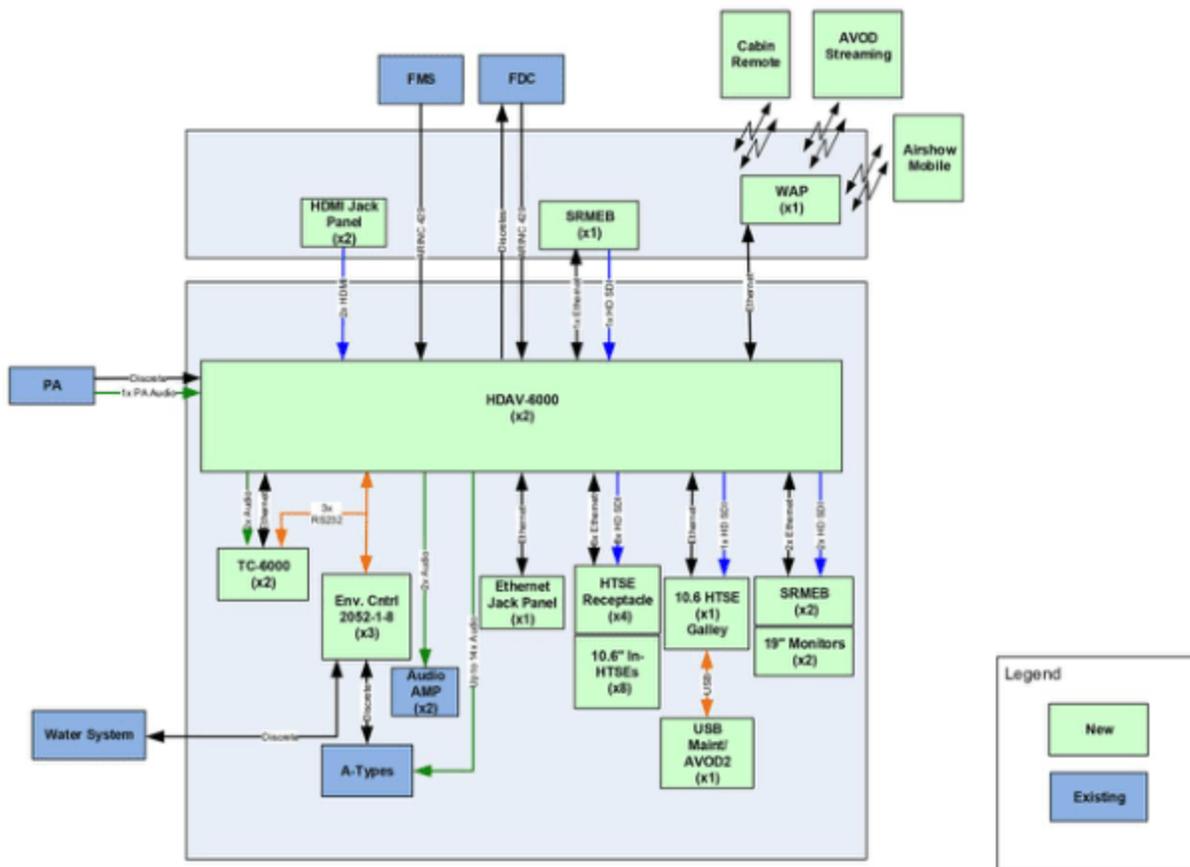
AVOD Software - Wireless	SW-venu-AVOD2	1
19" Monitor, Remote Display Unit	1901-100	2
Smart RMEB	441-2028-100	2
NRE		1

WIRING NOTES:

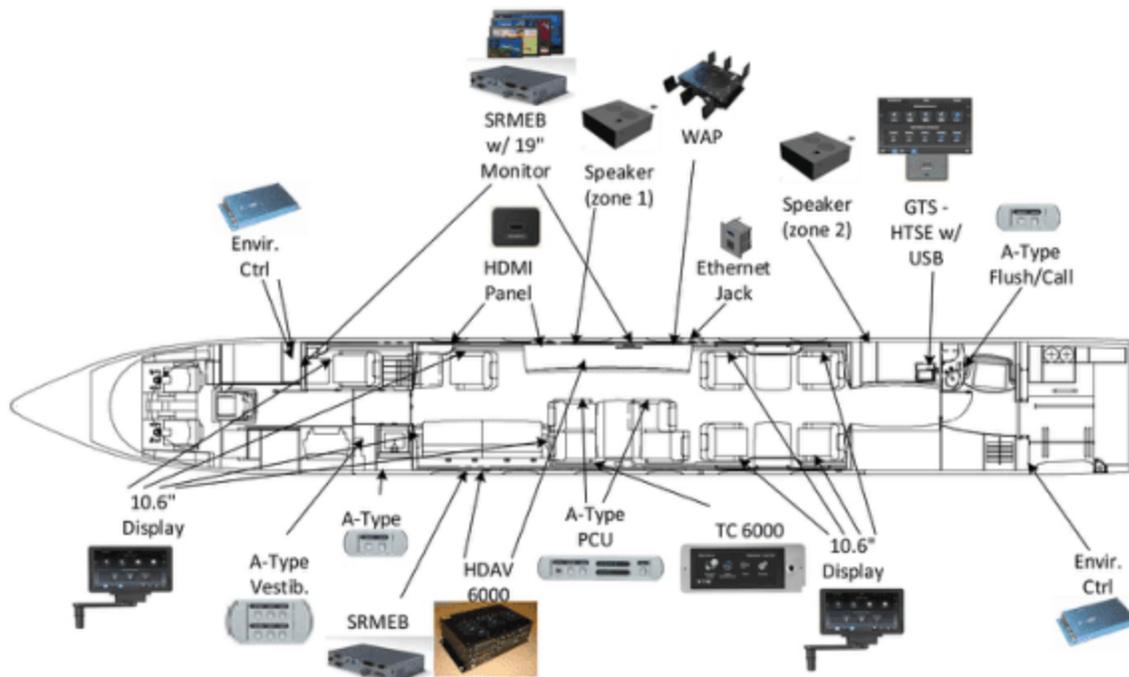
1. Rewire A-type switch panels power to +28V aircraft power
2. Replace any source equipment and/or monitors which were on the 1394 DIB loops such as VCR, CD Player and RC 1394 monitors as they will no longer function without DIB network
3. Rewire aircraft A/V sources to HDAV inputs
4. Rewire A-type headset jacks, cabin speakers and monitors to HDAV outputs

ACMS UPGRADE OPTION 3: VENUE – FULL INTERACTIVE

BLOCK DIAGRAM



LOCATION OF PASSENGER ACCOMMODATIONS



ACMS UPGRADE OPTION 3: VENUE – FULL INTERACTIVE

Description	Part Number	Qty
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Controllers

HDAV-6000 High-Def. A/V Distributor	441-0102-100	2
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Cabin Remote Application Software	SW-venu-2WAYRMT	1
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Switch Panels

Ethernet Jack Panel (for Maintenance)	2600-2-21-xxxx	1
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HDMI Jack Panel	441-0056-101	2
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Faceplate, HDMI Jack Panel, Plateable	442-1404-001	2
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USB Jack Panel	441-0091-100	1
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Faceplate, USB Jack Panel, Plateable	442-1382-001	1
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TC-6000, Touchscreen Controller	441-0174-100	2
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TC-6000 Faceplate w/ HP Jack	442-1603-001	2
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TC-6000/PSW 3-Leg Cable	442-0176-001	2
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Displays & NRE

10.6" HD Touch Screen, Bulkhead (HTSE), Galley	822-2647-103	1
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AVOD Software - Wireless	SW-venu-AVOD2	1
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19" Monitor, Remote Display Unit	1901-100	2
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Smart RMEB	441-2028-100	2
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10.6" HTSE and Standard Arm	441-0165-103	8
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HTSE Receptacle	441-0175-100	8
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NRE		1
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Moving Maps

Broadcast Maps (Includes Worldwide Maps)	SW-venu-ASXiB	1
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Airshow App Enablement	AS-MOBILE	1
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WIRING NOTES:

1. Rewire A-type switch panels power to +28V aircraft power
2. Replace any source equipment and/or monitors which were on the 1394 DIB loops such as VCR, CD Player and RC 1394 monitors as they will no longer function without DIB network
3. Rewire aircraft A/V sources to HDAV inputs
4. Rewire A-type headset jacks, cabin speakers and monitors to HDAV outputs

ACMS ADDITIONAL OPTIONS

Description	Notes	Part Number
Programmable Switch Panels		
Programmable Switch (PSW) RH		441-0010-102
RH Switch Faceplate, Black		442-0037-001
RH Plateable Switch Faceplate		442-0960-001
Touchscreen Controller 6000 (TC-6000)		441-0174-100
Programmable Switch (PSW) LH		441-0070-102
LH Switch Faceplate, Black		442-0712-001
LH Plateable Switch Faceplate		442-1043-001
TC-6000/PSW 3 leg cable		442-0176-001
TC-6000/PSW 1 leg cable		442-0179-001
TC-6000/PSW 2 leg cable		442-0177-001
TC-6000 Faceplate With Headphone Jack		442-1603-001
TC-6000 Faceplate With No Headphone Jack		442-1667-001
Mini-Switches		
1x1 Mini Discrete Switch	2	441-0024-10X
1x2 Mini Discrete Switch		441-0062-10X
1x3 Mini Discrete Switch	2	441-0025-10X
1x4 Mini Discrete Switch	2	441-0063-10X
1x1 & 1x2 MSW Faceplate	2	442-0413-005
1x1 & 1x2 MSW Plateable Faceplate	3	442-1196-001
1x3 & 1x4 MSW Faceplate	3	442-0143-005
1x3 & 1x4 MSW Plateable Faceplate	3	442-1200-001
1x2+Annunciator Mini Discrete Switch		441-0092-10X
1x3+Annunciator Mini Discrete Switch		441-0093-10X
1x4+Annunciator Mini Discrete Switch		441-0094-10X
1x2, 1x3, 1x4 MSW+Annunciator Faceplate, Black	3	442-1070-004
1x2, 1x3, 1x4 MSW+Annunciator Plateable Faceplate	3	442-1205-001
CMS "A" Type Switch Panels		
	4,5,6	
Cabin Light, Table/Read 1x2	5	2501-1-006XXXXXX
Cabin Light, Read/Table 1x2	5	2501-1-007XXXXXX
Cabin Read Light 1x1	5	2501-1-009XXXXXX
Cabin Light & Shade 1x2	5	2501-1-030XXXXXX
Lumbar 1x2	5	2501-1-076XXXXXX
Lumbar 1x2	5	2501-1-077XXXXXX
Flush 1x1	5	2501-1-134XXXXXX
Vestibule Switch 2x3	5	2501-1-169XXXXXX
Flush/Vent 1x2	5	2501-1-321XXXXXX
Vestibule Switch 1x3	5	2501-1-406XXXXXX
Headset, Volume, Audio, Call 1x8, LH	5	2501-2-002XXXXXX

ACMS ADDITIONAL OPTIONS CONTINUED

Description	Notes	Part Number
CMS "A" Type Switch Panels (Continued)	4,5,6	
Call, Audio, Volume, Headset 1x8, RH	5,6	2501-2-004XXXXX
Headset, Volume, Audio, Shade, Call 1x9, LH	5	2501-2-029XXXXX
Call, Shade, Audio, Volume, Headset 1x9, RH	5	2501-2-030XXXXX
Headset, Volume, Audio, Read 1x4, Top Mount, LH	5	2501-2-031XXXXX
Read, Audio, Volume, Headset 1x4, Top Mount, RH	5	2501-2-032XXXXX
Headset, Volume, Audio, Read 1x4, Side Mount, LH	5,6,7	2501-2-044XXXXX
Read, Audio, Volume, Headset 1x4, Side Mount, RH	5,6,7	2501-2-045XXXXX
Headset, Volume, Audio, Video, Shade, Call 1x10, LH	5	2501-2-074XXXXX
Call, Shade, Video, Audio, Volume, Headset 1x10, RH	5	2501-2-075XXXXX
Headset, Volume, Source, Read, Call 1x9	5	2501-2-257XXXXX
Call, Read, Source, Volume, Headset 1x9	5	2501-2-258XXXXX
Galley Annunciator (1x8.5 no smoking, return to seat)	5	2501-4-040XXXXX

Input Jack Panels

Ethernet System Maintenance Panel	2600-2-21-XXXXX
RCA Input Panel	2600-2-16-XXXXX
VGA Input Panel	2600-2-14-XXXXX
USB Input Panel	441-0091-100
HDMI Input Panel	441-0056-101
HDMI Input Panel, Black Faceplate	441-0056-100
HDMI Input Panel Plateable Faceplate	442-1404-001
Faceplate, USB Jack Panel, Plateable	442-1382-001
Faceplate, USB Jack Panel, Black	442-1382-004

A/V Distribution

HDAV-6000 High-Def. A/V Distributor	441-0102-100
HDAV-6002 High-Def. A/V Distributor	441-0186-100

Cabin Controllers

Environmental Controller, 10K Potentiometer	2052-1-1
Environmental Controller, 1K Potentiometer	2052-1-2
Environmental Controller, 2K Potentiometer	2052-1-3
Environmental Controller, 1.2K Potentiometer	2052-1-5
Environmental Controller, 1K Potentiometer	2052-1-6
Environmental Controller, 5-HI, 5 Line Inputs	2052-1-7
Environmental Controller, 0-HI, 12 Line Inputs	2052-1-8
Environmental Controller	2052-1-9
Environmental Controller	2052-1-10
RF/IR/Serial Controller	2033-1-1

ACMS ADDITIONAL OPTIONS CONTINUED

Description	Notes	Part Number
Cabin Remote Controls & Wireless Access Point (WAP)	8,9	
Rockwell Collins Router (WAP-4000)		73001002-002
WAP-4000 Antenna Kit		73001001-001
Cabin Remote Application Software	10	SW-VENU-2WAYRMT

CMS-1/ACMS Standalone Cabin Remote Package	11	
Secondary Port Controller	3	2040-1-1
Cabin Remote Application Software		SW-VENU-2WAYRMT
Programmable Switch (PSW), RH		441-0010-102
PSW-6002 Switch Faceplate, RH, Black		442-0037-001
PSW 3-leg Cable		442-0176-001
Ethernet System Maintenance Panel	3	2600-2-21-XXXX
Custom Software to Enable Remote		ACMS NRE

Galley Touchscreen

10.6" HD Touch Screen, Bulkhead (HTSE), Galley	822-2647-103
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Source Equipment

Dual Disc Blu-ray Player, Horizontal Mnt.	441-0089-100
Dual Disc Blu-Ray Player, Vertical Mnt.	441-0089-101
XM Antenna	822-2030-001
1 CH XM Radio Receiver	XMR100-01
2 CH XM Radio Receiver	XMR200-01
4 CH XM Radio Receiver	XMR400-01
8 CH XM Radio Receiver	XMR800-01

HD Displays and Peripherals

Smart Remote Electronic Box (SRMEB)	441-2028-100
22" Bulkhead Display Unit (BDU)	441-0117-100
24" Bulkhead Display Unit (BDU)	441-0133-100
10.6" In-Seat HD Touchscreen HTSE w/ Extended Arm (non-locking)	441-0165-102
10.6" In-Seat HD Touchscreen HTSE w/ Standard Arm (non-locking)	441-0165-103
Tablet Arm	S12-19M01-001
Tablet Cover - Universal	021-0753-040
In-Seat HTSE and Tablet Arm Base Receptacle	441-0175-100

ACMS ADDITIONAL OPTIONS CONTINUED

Description	Notes	Part Number
Software Options		
AVOD Software - for Wired Smart Monitors		SW-VEU-AVOD1
AVOD Software - for Wireless DNLA Devices and Wired Smart Monitors		SW-VEU-AVOD2
Catalog Transfer Application (CTA)		810-0327-001

Installation Support Parts

Switch Panel Bezel Removal Tool (for "A" Type Switch Panels)		2401-1-6
MDSB Cable		2011-1-1
HDMI Cable (minimum of 150 feet)		442-0968-001
HDSDI Coax Cable		442-0961-001
Cable Assembly, Fiber optic, Male to Male		442-1827-0XX
Cable Assembly, Fiber optic, Female to Female		442-1829-0XX
Cable Assembly, Fiber optic, Male to Female		442-1828-0XX

Airshow and Tailwind Products

Airshow Interactive ASXi Maps (If personal HTSEs are configured)		SW-VEU-ASXi
Airshow Broadcast ASXi Maps (If bulkhead monitors and no personal HTSEs are configured)		SW-VEU-ASXiB
Airshow Interactive or Broadcast Maps configuration part number - XXXX represent unique numbers for each aircraft serial number and the YY represent the software revision numbers	14	810-0189-XXXXYY
Airshow for Mobile Devices		AS-MOBILE
Airshow 500	14	Reference SPA No. BRS-140212.05M
Airshow 4000	14	Reference SPA No. BRS-110087.08M
Flight Deck Controller	14	922000-2
Tailwind 500		Reference SPA No. BRS-110086.08M

THIRD PARTY EQUIPMENT SOFTWARE INTERFACES AVAILABLE¹²

Feature	Manufacturer	Part Number	Description
Cabin Displays	Rosen Aviation	7002-360	7" SDI Plug In - Left Hand
Cabin Displays	Rosen Aviation	7002-361	7" SDI Plug In - Right Hand
Cabin Displays	Rosen Aviation	0100-342	Base Receptacle
Cabin Displays	Rosen Aviation	9000-310	9" SDI Plug In - Center Mount Arm
Cabin Displays	Rosen Aviation	9000-337	9" SDI Plug In - Locking Arm
Cabin Displays	Rosen Aviation	1200-310	12" SDI Plug In - Center Mount Arm
Cabin Displays	Rosen Aviation	1200-337	12" SDI Plug In - Locking Arm
Cabin Displays	Rosen Aviation	1702-001	17.5" Bulkhead (All-In-One)
Cabin Displays	Rosen Aviation	1900-001	19" Bulkhead (All-In-One)
Cabin Displays	Rosen Aviation	0700-107	Remote Monitor Electronic Box
Cabin Displays	Rosen Aviation	1901-001	19" Remote Display Module
Cabin Displays	Rosen Aviation	2401-100	24" Remote Display Module
Cabin Displays	Rosen Aviation	2601-100	26" Remote Display Module
Cabin Displays	Rosen Aviation	3201-100	32" Remote Display Module
Cabin Displays	Rosen Aviation	VENU-SW-ROSEN	Venue Interface Software
Cabin Sound	Mid Continent Controls	102027-3	Cabin Speaker Amplifier
Cabin Sound	Mid Continent Controls	102025-1	PA Amplifier
Cameras	Otonomy	CAMHD-1	Fin Tip/Belly Camera
Cameras	Otonomy	CAMHD-4	Quad Camera
Cameras	Otonomy	CAMHD-Z	Zoom Camera
Cameras	Securaplane	100-1053-02	Zoom Camera CMZ-01
Camera Video Controller	Otonomy	VCCU-E	Video Control and Communication Unit (VCCU-E)
Lighting Controllers	B/E Aerospace	DFJP23	Lighting Controller
Lighting Controllers	B/E Aerospace	ELP23-28-01	3 Channel Light Controller Unit
Lighting Controllers	B/E Aerospace	ELW70/LCU-001	Quasar 1 Light Controller Unit
Lighting Controllers	B/E Aerospace	B/E Aerospace ELW 92	Washlighting Controller
Lighting Controllers	B/E Aerospace Quasar 1 and 2 (and Daylight)	Contact B/E Aerospace	B/E Aerospace Quasar 1 and 2 (and Daylight) Cabin Lighting
Lighting Controllers	Heads Up Technology	CLC-500-150	Downwash Lighting
Lighting Controllers	Heads Up Technology	DOM100	Baggage, Vestibule Light
Lighting Controllers	Heads Up Technology	IOC-100	Reading, Table and Accent Light Control
Lighting Controllers	Heads Up Technology	RDG-450	Baggage, Vestibule Light
Lighting Controllers	Heads Up Technology	CLC 500-01	Lighting Controller
Lighting Controllers	Heads Up Technology	CLC-500	Downwash Lighting
Liquid Container	Mapco	1311	Container with Temperature Control
Live Satellite TV	Honeywell (AIS-2000)	SW-VENU-AIS2000	AIS-2000 Satellite TV - 2 inputs
Live Satellite TV	Honeywell (AIS-2000)	SW-VENU-AIS2000	AIS-2000 Satellite TV - 4 inputs
Live Satellite TV	Honeywell (AIS-2000)	SW-VENU-AIS2000	AIS-2000 Satellite TV - 6 Inputs
Router	Aircell	PI2083	Wireless Router ¹³
Router	Honeywell	CR-710	Wireless Router ¹³
Router	Satcom Direct	SDR	Wireless Router ¹³
Router	Aircell	CTR	Wireless Router ¹³
Router	Honeywell	CNX-250	Wireless Router ¹³
Router	True North Symphone	Chorus	Wireless Router ¹³
Router	Aircell	UCS 5000	Wireless Router ¹³

THIRD PARTY EQUIPMENT SOFTWARE INTERFACES AVAILABLE ¹² (CONTINUED)

Feature	Manufacturer	Part Number	Description
Seat Heat Controllers	B/E Aerospace	SHS-CTRL-01	Seat Heat Control
Shade Controllers	Aerospace Tech Group	ATG20F012	Electromechanical Window Shade
Shade Controllers	Aerospace Tech Group	ATG20F013	Electromechanical Window Shade
Shade Controllers	Aerospace Tech Group	ELRP-0000000-108	Shades Assembly
Shade Controllers	InspeTech	IT21770-WC-0001	Shade Control
Shade Controllers	Gentex	NP196013-1	Shade Control
Shade Controllers	Gentex	NP2002	Cabin Shades
Temperature Controller	Keith Products	300-0750-2	Cabin Temperature Controller

NOTES:

1. Mini-switch panels can support battery bus operations.
2. XXX is the configuration of the toggle/momentary discrete outputs defined in the Mini Switch Configuration Matrix (available upon request).
3. A mini discrete switch faceplate price includes a sheet of polyester text overlays that are installed by the avionics technician after aircraft configuration is complete. Custom labels can be ordered separately.
4. Additional switch panels are available.
5. "XXXXXX" represents plating code and configuration to be identified on the purchase order.
6. Pricing includes plating that is determined at the time of order placement.
7. These are recommended for Gulfstream aircraft seats (narrow seats).
8. Rockwell Collins iOS Solutions are compatible with the following Apple hardware requirements:

- > At least 3.0 MB of space on iOS device
- > iPhone current & latest two iOS versions
- > iPhone 4G & up
- > iPod touch 4th generation & up
- > iPad 1, iPad 2, iPad Air, iPad mini

As Apple releases updated software or new devices within each product family, it is expected that they will continue to be compatible; however, it cannot be guaranteed. The Rockwell Collins iOS Solutions does not support older model iPods that lack the 30 pin connector for video output. This would include the original Nano and the Shuffle family of iPods. See Rockwell Collins Service Information Letter 5230819217 for the most current compatibility notes.

9. Due to the open architecture nature of the Android Operating System (OS) platform, some Android devices may not be able to interface with the Rockwell Collins Android Cabin Remote Application. Rockwell Collins encourages customers to always upgrade to the latest Android OS in their devices in order to improve the probabilities for the Rockwell Collins Android Cabin Remote application to work properly. Rockwell Collins has a listing of the Android devices that have been fully validated with the Android Cabin Remote Application, please contact your Rockwell Collins technical sales team for more information

Android device requirements include the following:

- > Android 4 (or higher)
- > Display 4" (or larger) minimum MDPI resolution
- > Minimum Available Storage 18 MB (not including LCP)
- > As new updates of Android OS become available, it is expected that the Rockwell Collins Android validated devices will continue to be compatible; however, it cannot be guaranteed.

10. Additional functions such as zone and seat controls are chargeable options.
11. Additional PSW-6002 options are available. A USB Jack Panel and Faceplate may also be included in the package for software loading.
12. This list represents some of the interfaces that have already been developed. We are creating more interfaces on an on-going basis, so please check with your technical sales specialist for the latest information.
13. When using 3rd party WAPs, it is important to perform a wireless bandwidth analysis to ensure the number of users are supported based on the device selected.
14. Flight Deck Controller required for cabin safety briefings.

How can we help?

Please call Rockwell Collins Customer Support at
+1.319.295.5000.

BUILDING TRUST EVERY DAY.

Rockwell Collins delivers innovative aviation and high-integrity solutions to commercial and government customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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