

Airshow® 400 Moving Map Product Discontinuance

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Due to the demand for technology advancement and obsolescence of key hardware components, effective April 3, 2005, Rockwell Collins will discontinue taking orders for the Airshow 400 moving map product (part numbers 920040 and 92005x). Deliveries for the Airshow 400 must be requested before June 3, 2005.

The part numbers listed below are included in this discontinuance notice.

Part Number	Product	Description
920040	Airshow 400	Flange Mount
920050	Airshow 400	1/2-ATR, NTSC Composite Video
920052	Airshow 400	1/2-ATR, RGB Video
920053	Airshow 400	1/2-ATR, Y/C Video

Rockwell Collins will continue to provide complete support of fielded Airshow 400 products, including modifications, repair and technical support through Rockwell Collins service centers. Orders for custom software configurations will also continue to be accepted and supported for five years from the date of this bulletin.

ROCKWELL COLLINS AIRSHOW 410

Rockwell Collins will offer the Airshow 410, part numbers 920055 and 920045, as the replacements for the Airshow 400 1/2-ATR and Flange versions respectively. The Airshow 410 will be available for order taking January 31, 2005, with first deliveries of the 920055 in March 4, 2005. First deliveries of the 920045 will be June 3, 2005.

The Airshow 410 is a drop-in replacement for the 920050 and 920040 utilizing the same installation and control interfaces, the same ARINC connector and the same tray. No additional wiring or changes to wiring is required in the cabin.

Part Number	Product	Description
920055	Airshow 410	1/2-ATR NTSC Video
920045	Airshow 410	Flange Mount

The Airshow 410 incorporates technology enhancements to provide increased reliability over the Airshow 400. The CD drive with moving parts has been replaced with a solid state compact flash data loader providing significant reliability improvements. The power supply has been upgraded to a more efficient and robust design based on the numerous years of field experience with the Airshow 400 product. The latest version of the main CPU card has also been incorporated providing a 2x increase in clock speed over the 400. All of these improvements are built upon the core HW and SW architecture of the Airshow 400 in order to provide a drop-in replacement product, with significantly enhanced reliability.



The following table provides a side by side comparison of the primary features of the Airshow 410 and the Airshow 400 it replaces

Features	Airshow 400	Airshow 410
Hardware Specs		
Size	1/2-ATR (4 MCU) and flange	1/2-ATR (4 MCU) and flange
Weight	10.3 lbs	9.0 lbs
Power	28 VDC, 53 W min./66 W max.	28 VDC, 53 W min./66 W max.
Reliability (MTBF)	4,000 hours	7,000 hours
Operating system	MS DOS	MS DOS
Processor	5X86-133 MHz	5X86-266 MHz
RAM	16 MB	64 MB
Storage capacity	704 MB	1 GB
SW loading media	CD-ROM	Compact flash
I/O – connector	ARINC 04	ARINC 404
I/O – ARINC 419/429	3 input/2 output	3 input/2 output
I/O – maint. monitor	1 RS-232 port	1 RS-232 port
SW program. discretes	9 inputs/1 output	9 inputs/1 output
Cooling	Convection	Convection/internal fan
Control interfaces	FDC, DCC, serial mouse	FDC, DCC, serial mouse
Audio/video		
Video channels	1 NTSC composite (920050) 1 RGB (920052) 1 Y/C (920053)	
Audio channels	1 mono, 600 ohms	1 mono, 600 ohms
Audio level	0 dBm +/- 3 dBm	0 dBm +/- 3 dBm
Audio frequency response	40 Hz to 15 kHz at 3dB	40 Hz to 15 kHz at 3dB
Audio pure tone distortion	Total of 0.15% at 1 kHz	Total of 0.15% at 1 kHz
Audio dynamic range	66 dB	66 dB
Graphics		
Color palette	65,000 colors	65,000 colors
Languages	27	27
Logos	Static and animation	Static and animation

For additional information on the Airshow 410 product or for assistance in planning your upgrade requirements, please contact your Rockwell Collins sales account manager, customer support engineer or order administrator.

How can we help?

Please call Rockwell Collins Customer Support at 319.295.5000.

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Rockwell Collins delivers smart communication and aviation electronic solutions to 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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