

AIRSHOW® 4200
AIRSHOW® 4200D

Getting there is half the fun



More and more people are traveling by air every day and they have many airlines to choose from. Differentiation is a key to success.

Rockwell Collins Airshow® 4200 and 4200D systems deliver moving map and multimedia, helping you stay at the forefront of technology and ahead of the competition.

With a stunning new graphical design, the latest version of Airshow 4200 and 4200D provides dramatic product enhancements. Based on actual satellite imagery, utilizing NASA's Blue Marble Map data, passengers can now enjoy extensive new features, more map detail and true to life renditions, delivering unparalleled 3D realism.

Rockwell Collins' fully integrated Airshow systems give your passengers the power of engagement, making flight time more enjoyable. Real-time flight information and moving maps are displayed in a rich multimedia format allowing passengers to be kept informed and connected en route to their next destination. While being identical with the Airshow 4200 map features, Airshow 4200D offers native 16:9 wide screen display and unconverted digital image generation optimized for the latest IFE systems.

**Rockwell
Collins**
Building trust every day

Customizable. Convenient. Compelling.

You can easily customize your Airshow 4200/D, tailoring it to blend with your aircraft's atmosphere. The system enables you to:

- Personalize your brand identity throughout the user interface
- Incorporate promotional videos that can be displayed
- Integrate custom safety briefings and passenger greetings automatically
- Alter the presentation based on route specific strategies
- Ensure hands-free operation with Dynamic Scripting and a Universal Trigger Engine (UTE)

A stunning advancement in moving map systems

The Airshow systems engage passengers with graphics and motion that rival a high-end flight simulator. Always working to enhance the passenger experience, the Airshow 4200/D delivers exciting new moving map content: Point-of-interest panels and real-time day/night 3D maps.

Quite simply, the Airshow 4200/D is a true experience in multimedia with a variety of features that keep passengers entertained and informed from takeoff to touchdown.

Key features

- Real-time 3D map views
- Dynamic scripting that changes automatically with the flight phase
- Up to 26 flight data parameters to choose from, such as time to destination, altitude, speed, etc.
- Customizable graphics
- 3D Relative Location Indicator
- Destination city and airport terminal information
- Ocean floor maps
- Integrated digital video

Real-Time Flight Information Displayed Automatically

Rockwell Collins' Airshow 4200/D systems deliver brilliant, full 3D maps and high resolution multimedia, movie-quality transitions and customized graphics. A newly designed vertical scrolling ticker bar keeps pace with a constant flow of flight information updates. Increasing the system's easy usability is its "Dynamic Scripting" capability.



Real-time day/night 3D maps

On the 3D maps, the sky scenery will now give indication as to what time of day it is. The new, smooth graphical transitions will allow for the appearance of dawn, day, dusk and night.



Relative Location Indicator (RLI)

The new 3D RLI feature, available in multiple languages, gives passengers a better sense of where they are as the aircraft flies near landmarks or large cities.



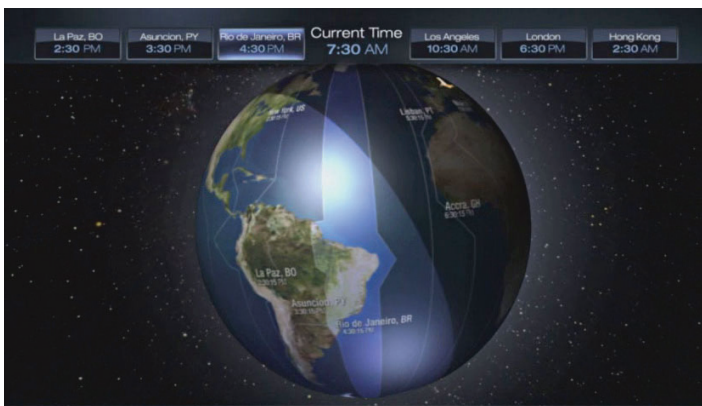
HUD display

Give your passengers a unique pilot's eye view of the flight. The new Head Up display provides the same navigational reference information as used by aircraft pilots.



3D route maps

Stunning 3D map displays take full advantage of the system's powerful graphics capabilities as they zoom in or rotate around the aircraft's point of view.



Day/night maps with time zones

Operational day/night maps with time zones give passengers a sense of what time it is around the world and marks the sun's position across a 24-hour period.



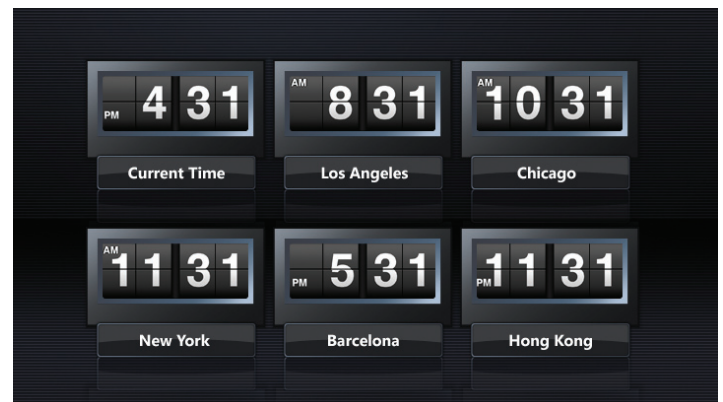
Day/night map with city lights

With this option, the aircraft position is displayed on a sun path that moves in real time across stunning satellite photos of the cities below.



Flight instrument panels

This feature replicates the look of a flight deck instrument panel based on the data points available providing real-time flight information. It offers the choice of applicable flight parameters in analog and digital displays.



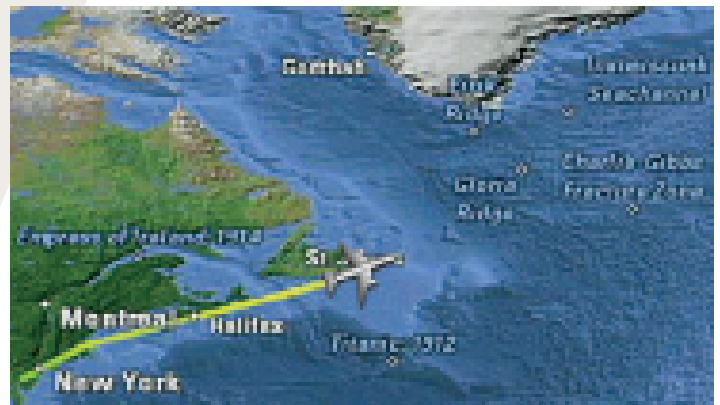
World clocks

The world clock view is a new way to present world time zone information in digital or analog format that looks like a clock wall similar to what you may see in hotel lobbies or news bureaus – of course the city names are customizable.



Overview maps

Colorful 2D maps display flight information and place names on information panel. Maps are available in multiple languages, in multiple styles with or without borders.



Ocean floor maps

Ocean floor maps detail terrain features, such as ocean depths, undersea mountain ranges or volcanoes, along with the location of sunken ships and other points-of-interest.



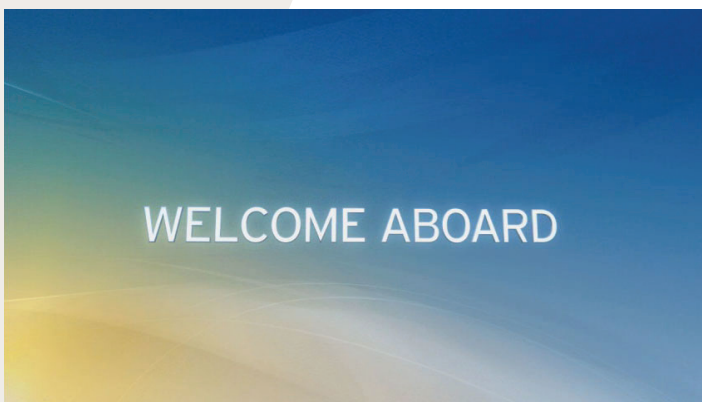
Updated Hi-Focus maps

High-Focus maps have been completely updated to provide more detail, in addition to multilingual place name support.



Point-of-interest panel (POI)

New city guide content provided by Fodor's Travel is presented in an information panel similar to the flight information today. The POI panel features images with captions and interesting information on various points-of-interest along the flight route.



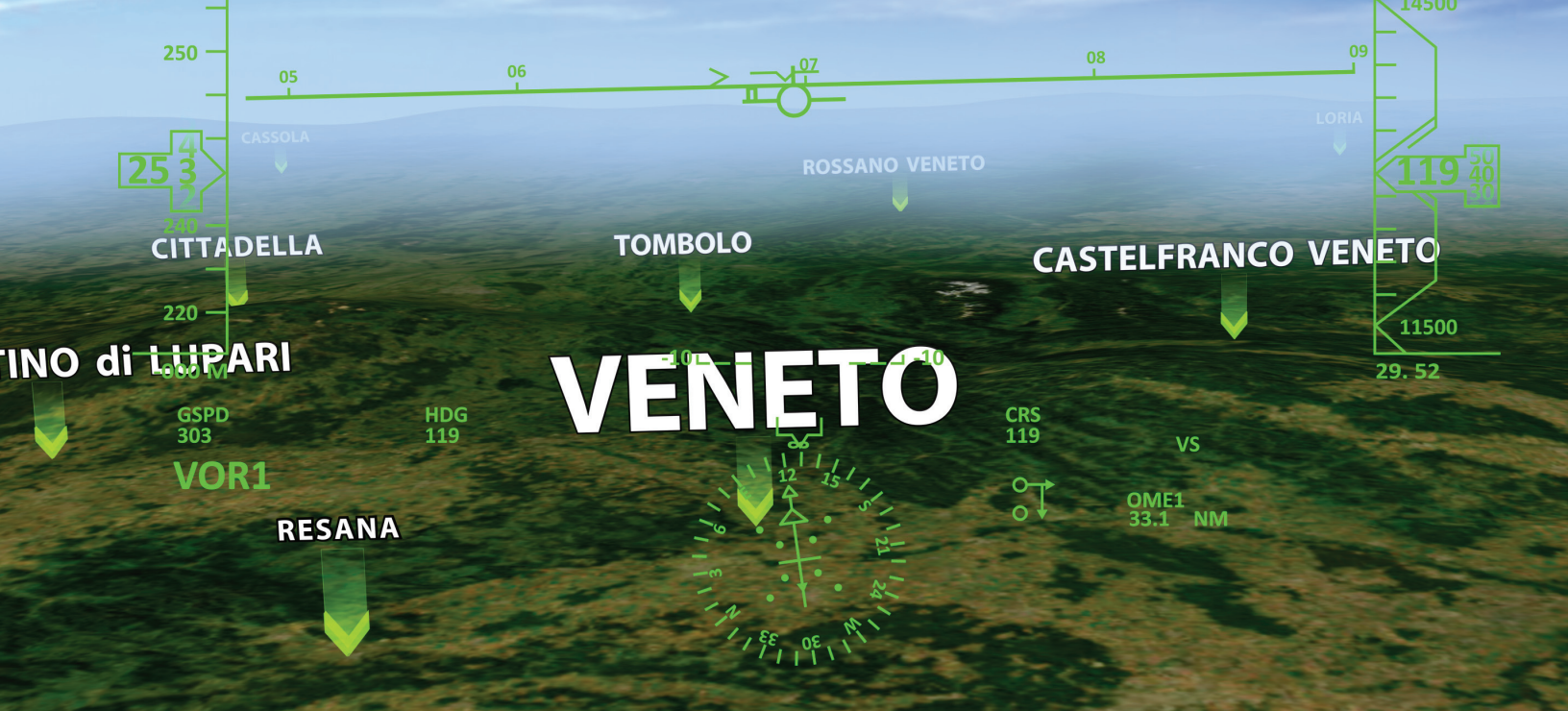
Personalization

Airshow moving map can be an effective tool for building your corporate image and brand. The system's flexible graphics format makes it easy to have your airline logo, advertising, etc. integrated into the various display modes.

Connecting Flights				
Flight	Destination	Time	Gate	Status
6218	Athens	8:15	A2	Boarding
386	Istanbul	8:45	A8	Boarding
496	Addis Ababa	9:10	B23	On Time
5832	Moscow	9:40	C16	Delayed
9378	Cairo	10:15	C14	Delayed
284	Bangkok	11:45	A5	On Time
780	Singapore	11:50	B30	On Time
5283	Hong Kong	13:00	B21	On Time

Connecting gate information

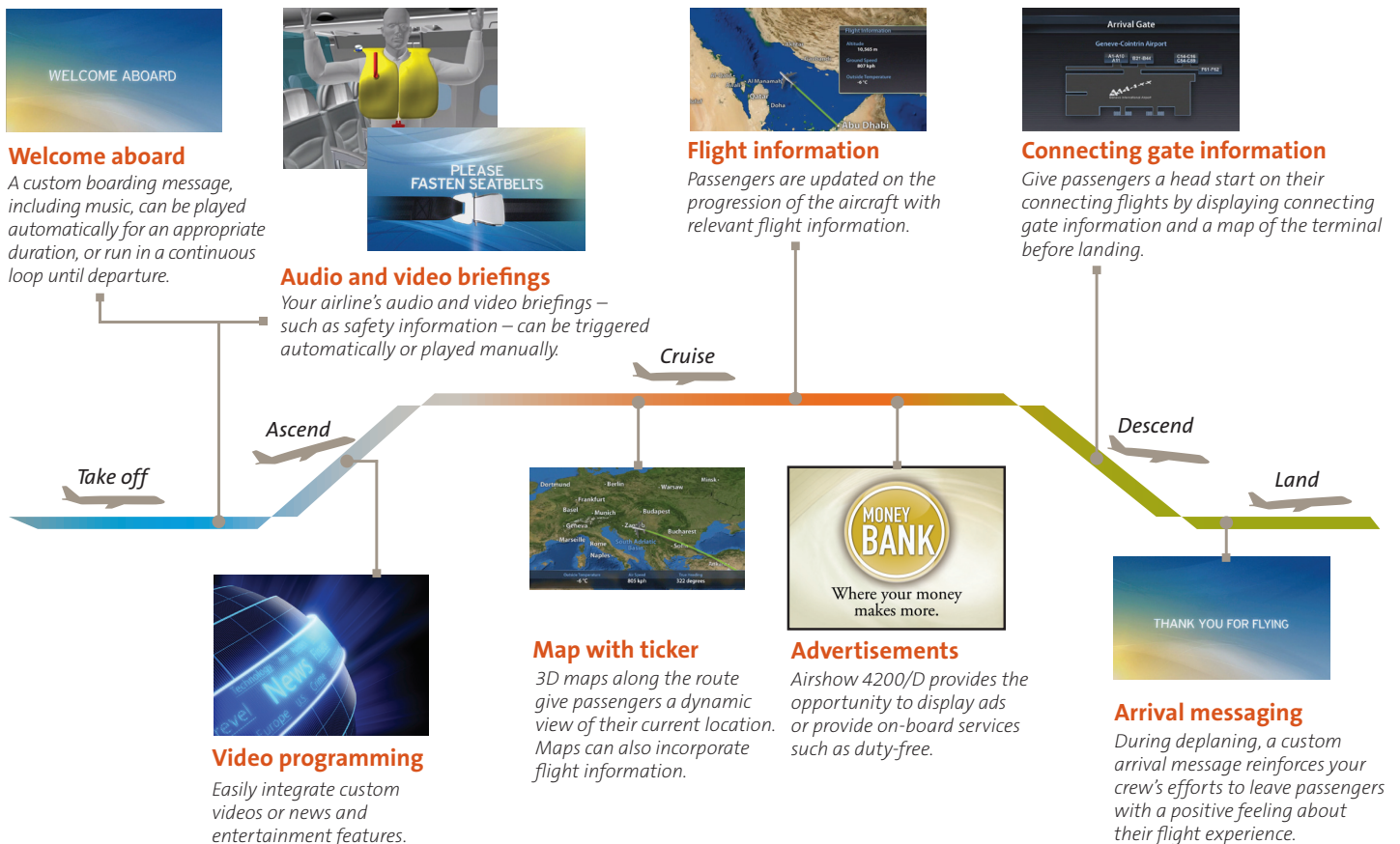
The Airshow 4200/D integrates connecting flights, status, gates and airport terminal maps, moments before landing. It's an invaluable service that saves your passengers time and demonstrates your commitment to making their trip proceed as smoothly as possible.



Dynamic scripting means hands-off operations for flight attendants

Airshow 4200/D offers airlines the ability to dynamically and automatically control the presentation of a wide variety of information, entertainment and promotional features.

- Automate content delivery based on flight parameters and time triggers
- Create a dynamic script for presenting features based upon the current flight (destination and departure cities), aircraft type and flight status
- Load new content quickly and easily – even during flight



Incredible Features that Keep Passengers Glued to Their Seats

Advanced multimedia features

Leap forward with the next generation in moving map and cabin information systems.



- › Expanded worldwide place name database, including ocean floors
- › Advanced presentation transitions and effects
- › Software customization tool allows airlines to manage their own content and configuration

Flight information

- › Over 25 different flight status parameters to choose from
- › Destination city and airport terminal information
- › Fully integrated with the map display, and always visible as either panels or moving tickers

Audio/video

- › MPEG-1 and -2 playback
- › Program changes automated during any flight
- › Flight briefing playback triggered automatically by flight phase or by cabin attendant

Advanced application

- › Real-time Airshow Connecting Gate Information (CGI) and airport terminal information via ACARS

Maps

- › Hi-Focus satellite city maps
- › A completely new and expanded set of worldwide satellite maps, with or without borders
- › Specialty maps including atlas, ocean floors, day/night time zones and day/night with city lights
- › Over 25 languages
- › Customizable aircraft symbols, including individual model type and paint schemes
- › Customizable graphics and multimedia
- › Points-of-interest graphics, text, audio and video—automatically triggered by flight phase

Specifications

The Airshow 4200 and 4200D are designed to replace previous Airshow units and minimize the potential installation issues that can sometimes accompany a platform change. It has the same dimensions and shape as the systems it replaces. The simple installation of a new tray, featuring an industry standard ARINC 600 connector, complements the new platform and generally requires only minor aircraft wiring changes. The expanded inputs and outputs of the Airshow 4200/D allow for easy software loading and reloading via USB or Ethernet.



Physical characteristics

Height	7.65 in (193.8 mm)	Audio interfaces	2x analog stereo (could become 4x mono at encoding) line level outputs
Width	4.80 in (121.5 mm)	Data interfaces	*Streaming video output: MPEG-1, -2 via 10/100 Base-T Ethernet (hardware option) **Audio/video loading via USB, 10/100 Base-T Ethernet
Length	12.60 in (320.4 mm)	Discrete interfaces	24x in, 8x out (includes all AS420 discretes and are software assignable)
Size	4 MCU	ARINC interfaces (avionics)	9x 419/429 inputs 6x 419/429 outputs
Weight	12.0 lb (5.44 kg)	ARINC digital inputs	RS-419/429 bus, FMC, LEN, ADC
Power	100 W max at 115 VAC, 80 W typical	Control interfaces	ACU (Airshow control unit) ARINC 429 ARINC 485 Maintenance functions through 10/100 Base-T Ethernet
Certification requirements	Designed to meet the latest OEM requirements for online offerability: Boeing D6-36440 Rev D, standard cabin systems requirements Airbus 2333 M1F 0005 00 Issue 3, requirements for long range IFE systems Airbus 2333 M1F 0007 00 Issue 2, requirements for single aisle IFE systems Airbus 2334 M1E 0004 04 Issue 1, Airshow 4200	Radio telephone interface	56 Kbps modem
Video interfaces	Channel 1: NTSC, 50/75-ohm configurable unbalanced composite, 100-ohm balanced differential, 50/75-ohm configurable unbalanced Y/C (S-video) Channel 2: NTSC, 50/75-ohm configurable unbalanced composite, 100-ohm balanced differential, 50/75-ohm configurable unbalanced Y/C (S-video) or NTSC 50/75-ohm. Configurable RGB with CSYNC (installation option)	Rear connector	ARINC 600 size 2
		Processor	Pentium® M, 1.4 GHz
		RAM	1 GB
		Internal storage	80 GB ruggedized hard drive
		Software loading	USB or Ethernet

* Airshow 4200D only

** Airshow 4200 and 4200D

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Building trust every day.

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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