

## AIRSHOW® 410 – MOVING MAPS AND FLIGHT INFORMATION

Tried and true... The industry standard for airborne information



In today's global economy, mobility is key to a growing business. Yet, too often, leaders are challenged between their need to be on the scene and their need to stay in the know. Being out of touch while traveling can be a costly disadvantage.

That's why more traveling executives look to our moving maps to keep them abreast of their location during their flight.

### **Airshow® 410: More reliable than ever**

Airshow 410 provides the business traveler with a precise sense of time and place. Real-time aircraft locations, flight time, points of interest, altitude and safety briefings enhance the traveler's flying experience. Advanced graphic processing delivers the most detailed maps available.

The Airshow 410 incorporates technology enhancements to provide increased reliability. 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 Airshow 400. All of these improvements are built upon the core hardware and software architecture of the Airshow 400 in order to provide a drop-in replacement product, with significantly enhanced reliability.

**Rockwell  
Collins**

Building trust every day

## Airshow maps: The world in perspective

Airshow moving maps were introduced in 1982 – the first in the industry. Rockwell Collins has evolved that technology to the point where viewers see detailed graphics that vividly show flight progress.

### Topographic and photographic maps bring realism to flight tracking

Color-enhanced maps, using actual satellite images, give passengers a realistic view of the terrain that they're flying over. Satellite data is merged with enhanced terrain elevation to provide an accurate, photo-realistic image of the earth's geography at any location.



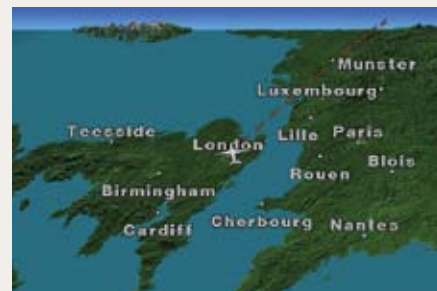
### Atlas time zone mode answers “What time is it?”

The interactive Atlas feature lets passengers zoom in on map locations that they want to explore – or check the current local time at any city on the map. It's as easy as pointing and clicking a mouse button.



### Perspective and overhead maps give you a unique view to the world below

Airshow 410 puts flight progress in clear perspective. Remarkable views portray simulated terrain as it would appear from the flight deck on a clear day.



### Maps blend high resolution with broad coverage

Topographical maps show geopolitical borders, city names and points of interest to give a detailed view of your flight path. Maps are available in worldwide or six different areas of coverage that span the globe.



## Airshow 410 flight information: Your flight information at a glance

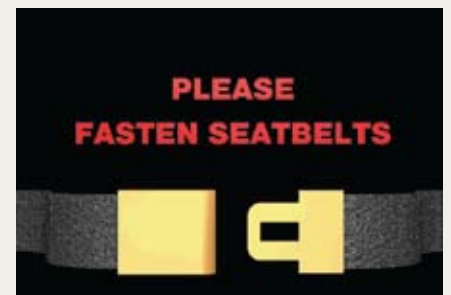
### The facts and figures to keep you informed

Providing up-to-the-minute information on the status of your current flight, INFO MODE pages can be customized from a list of 25 options and displayed in the order you desire. A Relative Location Indicator (RLI) displays a top view of the aircraft with the distance and direction to the two closest cities.



### Safety briefings made simple

For standardized passenger safety briefings and other important information, customized audio tracks can be recorded and displayed with graphics to create a complete presentation tailored to your aircraft and operational needs.



### Custom graphics add a personalized touch

Custom graphics capabilities make it possible to reproduce and display your company logo, aircraft photograph or personal messages such as "Welcome Aboard." Airshow 410 can even bring your graphics to life through animation.



### Wherever you fly, there's no language barrier

For non-English language users, en route cities and flight information pages can be displayed in a variety of languages.





## Data Interface Unit (DIU)

Part number 920055

### Physical characteristics

Height	7.80 in (198.1 mm)
Width	4.97 in (126.2 mm)
Length	12.69 in (322.3 mm)
Weight	8.0 lbs (3.63 kg)
Power	22-32 VDC
	1.8 A (2.5 A) @ 28 VDC
Mounting Size	4 MCU / ARINC 404A

### Environmental

Temperature	-15°C to +55°C
Altitude	-1,000 to 15,000 ft
Vibration	DO-160D, Section 8 CAT S, Curve B
Radiated emissions	DO-160D, CAT M

### ARINC digital I/O

419/429 bus  
FMC, ADC, 6-wire (ARINC 561)

### Analog inputs

10-wire altitude gray code  
SAT (ARINC 565 DC)

### Audio outputs

600-ohm mono to PA amplifier

### Video out to cabin

NTSC composite, 75 ohm

### Discrete inputs

Fixed mode selection  
Pulsed mode display selection  
PA keyline (mute)  
Cockpit switch inputs  
No smoking briefing  
Fasten seatbelts briefing

### Discrete outputs

PA keyline

### RS-232 serial interface

Interactive passenger control  
Installation / configuration editor  
Message display port  
Printer port

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.

### For more information, contact:

Rockwell Collins  
400 Collins Road NE  
Cedar Rapids, Iowa 52498  
319.295.4085  
[www.rockwellcollins.com](http://www.rockwellcollins.com)