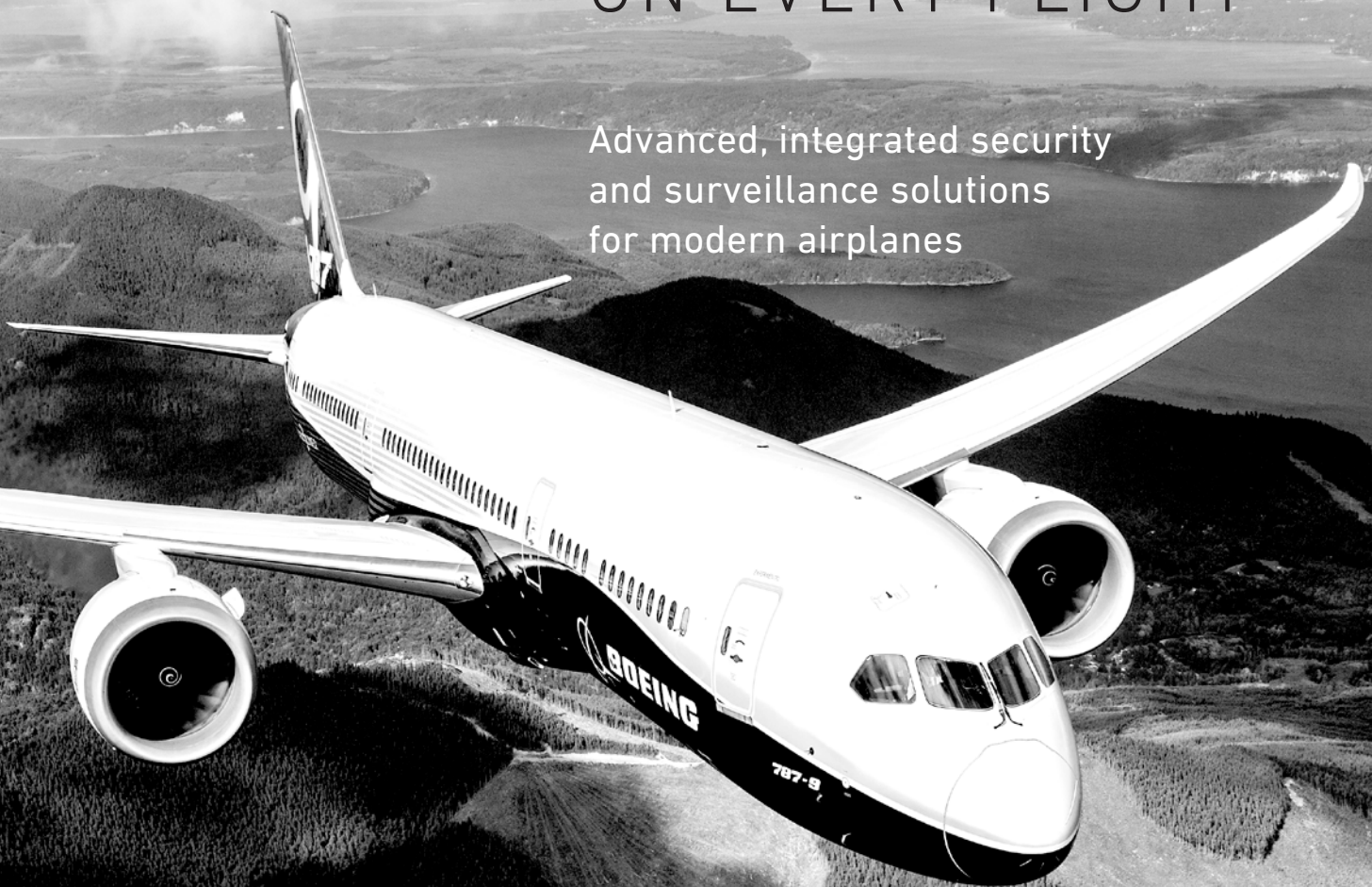


Video surveillance systems for the Boeing 787 Dreamliner

HEIGHTENED AWARENESS ON EVERY FLIGHT

Advanced, integrated security
and surveillance solutions
for modern airplanes



Collins Aerospace

SEE AND HEAR MORE FOR HIGHER SECURITY

Collins Aerospace provides one of the most advanced airplane security and surveillance systems in commercial transport

Cabin Video Monitoring System (CVMS)

Our CVMS provides video and audio surveillance capability through the deployment of up to 12 covertly mounted digital cameras with integrated microphones. The cabin video and audio can be viewed live and/or recorded. Flight Deck Entry Video Surveillance System (FDEVSS) cameras can also be integrated into the CVMS to provide the flight crew with comprehensive, situational awareness.

EQUIPMENT

- Up to 12 8410P1 Series Internet Protocol (IP) cameras, providing color or monochromatic images, digital video and audio
- 8930A1 Series digital video recorder (DVR)
- 256 GB removable solid-state memory



FEATURES AND BENEFITS

- Provides live video and audio streaming and recording of aircraft cabin
- System signals are accessible via a Class 3 electronic flight bag (EFB) system or ground access panel
- DVR records video and audio signals onto solid-state removable storage memory
- Flight deck notified of CVMS activation via Engine Indicating and Crew-Alerting System (EICAS) "Cabin Alert" message
- Certified on Boeing 787



Flight Deck Entry Video Surveillance System

Collins Aerospace offers a video surveillance system to easily integrate and add value to the 787 EFB by incorporating video security and surveillance capabilities and meeting all Boeing and regulatory authority requirements for flight-deck door monitoring.

The Security Camera Interface Unit (SCIU) features two NTSC video outputs for transmission to a remote viewing station. It also supports up to eight cameras, with an open architecture for connectivity to other airplane systems. Video integration software displays video images in a user-friendly format that interfaces with the EFB software application manager and meets Boeing Human Factors requirements.

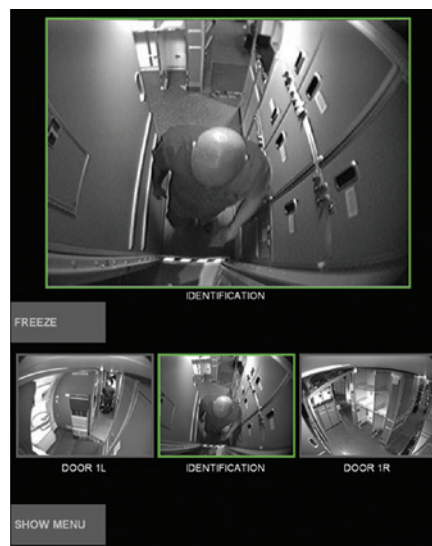
Three cameras are positioned above the cockpit door and in the galley for complete viewing coverage. All three camera images are displayed simultaneously as thumbnails on the EFB screen or may be selected individually for display in the large primary image by touching the screen.



This document does not contain any export controlled technical data.

FEATURES AND BENEFITS

- Uses Boeing EFB displays combined with our high-resolution video surveillance cameras with integrated near-infrared lighting
- Meets ICAO Annex 6, EUROCAE ED-123 and FAA NPRM for flight-deck door monitoring
- Video "freeze" option and full menu page that includes its own independent brightness and contrast controls
- Certified on Boeing 787



To learn more, go to
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