

# ▶ Commercial Products Division for Rugged Airborne Systems

## ▶ CAPABILITIES

- Systems Designs for both cockpit and cabin
- Full system integration
- Electronics packaging and design
- Fully ARINC compliant designs
- RTCA/DO-160 Testing
- Advanced thermal analysis
- EMI and RF shielding
- Standards/Specifications/Experience: ARINC, Boeing, Airbus, FAR, RTCA DO-160D, TSO 43c, 55



AP Labs has over 20 years experience in providing complex rugged systems solutions for the airborne environment. Serving the commercial and defense airborne industry, AP Labs is your single point of contact for innovative and highly reliable systems.

The use of PDA's, and laptop computers etc., aboard commercial aircraft is rapidly growing as the markets associated with in-flight entertainment and cabin management systems emerge. AP Labs has the experience to make your airborne systems implementation a success.

Rapidly evolving semi-conductor and media component technologies bring new environmental challenges to the commercial aviation space. Airborne environmental requirements exceed most of the specifications for new components. AP Labs, more than any other company, understands how to adapt state-of-the-art technologies into fully certified airborne systems.

**From concept to production, AP Labs is your rugged packaging and systems integration partner.**

## ▶ OVERVIEW



## ▶ AIRBORNE APPLICATIONS



## ▶ PROGRAMS



- Servers
- Media Servers
- Wireless RF based systems
- Wireless Access Points
- Power Solutions
- Complex I/O Solutions

- Row 44—In-flight Satellite Broadband System—supporting Alaska Airlines & Southwest
- Aircell—In-flight Broadband System—supporting American Airlines

*Let AP Labs solve your next complex airborne packaging and systems challenge*

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