

## ABH 5015

### Cordless Handset & Base Station with Integral Credit Card Reader

- Enjoy the convenience of cordless
- Credit card access for passenger use and billing
- PIN access for the crew to contact medical or operational support
- Systems can be configured using two handsets to operate in queue or conference mode
- Lowest calling rates in the industry



### Features and Benefits

The ABH 5015 is a convenient cordless handset paired with a bulkhead-mounted base station, which features an integral credit card reader. Using a major credit card, your passengers can now pay for calls when they are placed.

Your crew can also use the handset for operational assistance and on-the-spot response to medical emergencies, giving you the advantage of air-to-ground voice communications for better passenger care and risk avoidance. A personal identification number (PIN) can be set up for the crew to eliminate the need for a credit card.

For added practicality, two ABH 5015s can share a single transceiver and be set up to operate in either queue or conference mode. This allows two users to conference on a call, or alternate exclusive use of the system between two individual users.

The cordless ABH 5015 bulkhead handset is part of a low-cost airborne system, which is easily installed and certified. AirCell also saves you money with the lowest calling rates in the industry.

## System



### Typical System Shown

AirCell Blade Antenna  
 AST 3501 AirCell Transceiver  
 ABH 5015 Bulkhead Handset  
 Iridium Patch Antenna

## Technical Specifications

### Dimensions

Base Station Only	13.1" L x 5.32" W x 1.97" H (33.27 cm x 13.51 cm x 5.00 cm)
Base Station and Handset	13.1" L x 5.32" W x 2.5" H (33.27 cm x 13.51 cm x 6.35 cm)
Overall, including Back Connector	13.1" L x 5.32" W x 2.7" H (33.27 cm x 13.51 cm x 6.86 cm)

**Weight** 2.8 Pounds (1.27 kg)

**Power** +18.0 to +32.2 VDC

**Enclosure Material** Plastic (Meets Flammability Requirements)

### Connectors

Power and Transceiver	15 Pin "D-Sub" per Mil-C-24308 or Equivalent
Antenna	Coaxial SMA Female

### Handset to Base Station Cordless Link

Frequency	902–928 MHz
Transmit Power	1.0 mW Maximum

### Handset Battery

Polymer Lithium-Ion, Rechargeable Battery  
 3 Hours Continuous Talk Time  
 Up to 100 Hours Standby Time  
 4 Hours Max. Recharge Time

### DO-160D Categories

Partial List	
Temperature and Altitude	Section 4, Category A4 (-15°C to +55°C, 15,000' MSL)
Shock and Crash Safety	Section 7, Category B
Vibration	Section 8, Category S, Curves L, M, Y & C
RF Emissions	Section 21, Category M

ABH 5015 also requires a Remote Antenna Module (RAM), which contains an external 900 MHz antenna.