

AIRCELL SATCOM SYSTEM QUICK REFERENCE GUIDE

System Overview

	AirCell Axxess II	AirCell Axxess EZ	AirCell ST 3120D	AirCell ST 3100
Installation uses existing MagnaStar wiring & component locations		•	•	
Digital, Ethernet-based, VoIP system architecture	•	•		
Office-style PBX functionality	•	•		
Fax capability	•	•	•	•
Single-source hardware	•	•		•

Off-aircraft Links

Single built-in Iridium satcom channel				•
Two built-in Iridium satcom channels	•	•	•	
Expandable to four Iridium channels	•	•		
Expandable to AirCell broadband*	•	•		
Expandable to Inmarsat high-speed data**	•	•		

Cabin System & User Devices

Wi-Fi Hotspot	•	•		
Support for carry-on COTS Wi-Fi devices (802.11b/g smartphones, PDA's, laptops)	•	•		
Onboard corded SIP handsets with oversized color displays, graphical menus, phone books, noise reduction; and headset/earbud jacks	•	•		
Onboard certified, cordless SIP handsets**	•	•		
Maximum number of handsets supported	8	8	N/A	3

External Interfaces

Data Interface Unit for ARINC™ services via 429 MU interface**	•	•		•
Digital CEPT E1, ISDN interface for existing Aero H and Aero H+ installations**	•	•		
Access to MedLink™, Universal UniLink™, and Airshow™ services and systems	•	•	•	•

*Service debut in 2008

**Coming soon

In a nutshell

AirCell Axxess II

Our original AirCell Axxess system, AirCell Axxess II is a “network neutral” system offering the highest level of future expansion. Recently selected by Cessna Aircraft as optional equipment for its three largest jets, AirCell Axxess II provides all the features and benefits of AirCell Axxess EZ (described above), but is designed for stand-alone installation. AirCell Axxess II is the best choice for operators who require maximum capability and modularity, to take advantage of AirCell broadband and other future technologies.

AirCell Axxess EZ

Based on our popular AirCell Axxess system, the AirCell Axxess EZ system gives you easy installation through re-use of existing MagnaStar wiring and component locations, worldwide Iridium[®] Satcom, office-style PBX functionality, support for Wi-Fi and AirCell’s forthcoming proprietary broadband service, high-speed data expansion port for Inmarsat[®] and other networks, and cockpit flight information. In addition, AirCell Axxess EZ offers the option of maintaining certain legacy features from your old system, such as call alerting and integrated fax capability.

AirCell ST 3120D

AirCell’s ST 3120D is a system that adds two channels of Iridium to an existing MagnaStar installation, using the MagnaStar’s existing cabin infrastructure, PBX capabilities and handsets. The ST 3120D offers fewer expansion capabilities than AirCell Axxess, but is a relatively easy installation. If your communications needs are satisfied with two worldwide channels of Iridium Satcom, and you don’t plan to take advantage of wireless capabilities or AirCell broadband in the future, then the ST 3120D is a great solution that gets you back in service quickly.

AirCell ST 3100

AirCell’s ST 3100 is the world’s best-selling Satcom system. It’s standard or optional equipment on nearly two dozen OEM aircraft programs worldwide, and is flying aboard the fractional fleets of NetJets, Flight Options, and CitationShares in North America and Europe. It’s a single-channel, lightweight, Iridium-based Satcom that offers next-generation handsets with color displays, intuitive graphical menus, advanced noise cancellation and standard headset/earbud jacks. If you simply want a high-quality phone system that provides worldwide coverage, the ST 3100 is your best choice.