

BendixKing



AeroWave™ 100
In-flight Internet

In-flight connectivity at an affordable price.



Introducing the BendixKing AeroWave™ 100 Active Low Gain Antenna (LGA)

Our next generation high-speed in-flight Internet solution that offers affordable worldwide connectivity to general aviation aircraft; including twins, turboprops and light jets. This easy to install system utilizes low-cost service plans based on hours of use.

A revolutionary approach to in-flight internet rates

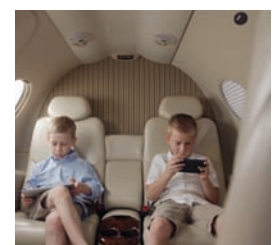
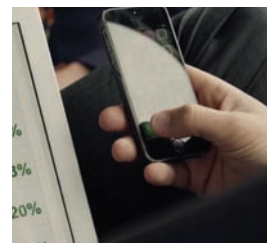
Our single, umbrella usage plan covers all of your online activities for a low, flat rate of \$40 per hour. A 50 hour block of data is \$1999* with a one year expiration date from the last package purchased.

Easy installation

The new LGA is the world's smallest footprint Inmarsat LGA antenna, enabling discreet installation even on smaller airframes. An integrated GPS simplifies installation by eliminating the need for integration with an onboard position source, and new, lighter components allow more flexibility on AeroWave's location in the aircraft.

Reliable inmarsat service

AeroWave is a SwiftBroadband satellite based system providing background IP services up to 104Kbps using the standard AeroWave data plan. Standard SB-200 pay-per-usage plans can provide background IP services up to 200Kbps.



Leverage the Cloud. In the Clouds.

Now pilots will have in-flight internet connectivity to operations and access to a world of weather services and flight planning tools.

Plus passengers will enjoy the ability to send and receive emails, text messages, mobile site web browsing and more, utilizing low-cost service plans based on hours of use, not how much data you use.

The ‘no surprises’ in-flight internet service

Enjoy the possibilities of in-flight connectivity without the potential surprise charges often incurred with services plans which bill by the amount of data used.

It’s all about access

Passengers of AeroWave-equipped aircraft will have the ability to stay connected wherever they are.

Capabilities include:

- Email
- Text messages
- News feeds
- Weather information
- Live aviation data such as NOTAMS & TFRs
- Flight planning & filing
- Mobile site web browsing
- Access to cloud services and Apps
- Connectivity to operations or dispatch
- Optional wireless routers simplify installation
- Make and receive high-quality voice calls with optional voice-capable router and service plan

Find out more at bendixking.com/aerowave

AeroWave 100 Active LGA Specifications

AeroWave 100 HDU

Dimensions	14.88" L x 2.43" W x 7.81" H
Mounting Information	2-MCU Tray
Weight	8.8 lbs (4.0 kg) maximum
Frequency Band	Tx: 1626.5 to 1660.5 MHz; Rx: 1525.0 to 1559.0 MHz
Power Dissipation	40 W maximum (Typical 30 W)
Operating Voltage	20.5 VDC to 32.2 VDC
Cooling	15.5 lbs/hr air @ 0.44 +/- 0.025" water
Maintenance	No scheduled maintenance required
Interfaces Ethernet:	10BASE-T; RS-232; Maintenance Port ISDN S/T
Software	RTCA/DO-178 Level E
Complex Electronic Hardware	RTCA/DO-254 Level E

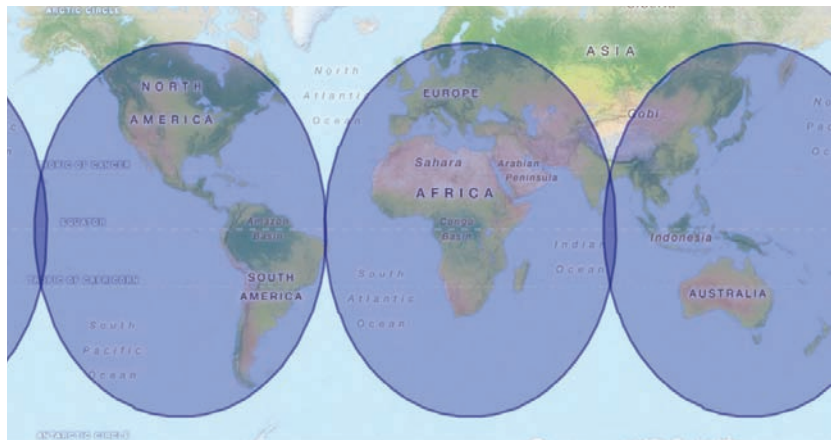
Active LGA Antenna Subsystem

Antenna Dimensions	5.62" L x 4.37" W x 1.94" H
Antenna Weight	1.5 LB
Bias-T Dimensions	4.5" L x 4.15" W x 1.43" H
Bias-T Weight	1 LB
Power Dissipation	40W Max
Cooling	No forced-air cooling required
GPS	Built-in

ESCM

Dimensions	4.69" L x 4.0" W x 1" H
Weight	0.5 lbs

Service Coverage Area



Active LGA Antenna



HDU



Router (optional)



ESCM

Find Out More

To learn more, call 1.855.250.7027, contact your local BendixKing dealer or visit bendixking.com

BendixKing

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