

AIRBORNE CONNECTIVITY OPTIONS

Company		Equipment	Description	Equipment price*	Airtime cost	Speed ("up to")
Air-to-Ground	Gogo Business Aviation	ATG (1000 through 5000)	Air-to-ground system, coverage begins above 10,000 feet. Coverage area Continental U.S., portions of Alaska and Canada. Two simultaneous voice calls plus texting, email with attachments. Up to five devices can connect simultaneously via Wi-Fi. System weight 17 lb. ATG-1000 includes Gogo Text & Talk to use own smartphone. ATG-2000 adds web-browsing, but extra fee required to add software key for Text & Talk. Gogo Business Aviation also offers cockpit applications for all systems, which enables connectivity for popular mobile device apps such as ForeFlight, FlightAware, Honeywell myGDC and WSI Pilotbrief Optima.	ATG-1000 \$35,000 ATG-2000 \$47,000	\$39 per hour for ATG-1000 service \$99 per hour for ATG-2000 service (\$39/\$99 per hour rates include data, voice, cockpit apps) Pay-As-You-Go \$6.95/MB Monthly rates from \$395/month for 60 MB and \$5.95/MB for overage to \$2,395/month for 2.5 GB and \$1.95/MB for overage Unlimited data \$3,995/month (voice calling is an added fee, from \$1.30 to \$1.50 per minute, depending on plan purchased)	3.1 Mbps
		Gogo Biz 4G	New higher-speed air-to-ground system. Same coverage area as ATG systems. Incentives available for upgrade from ATG4000/5000. Gogo Vision included, requires \$895/month subscription. Includes unlimited viewing of top 200 Hollywood releases or latest TV series/episodes.	\$126,000	Unlimited data \$3,995, streaming, voice calling requires additional fees	9.8 Mbps
	SmartSky Networks	SmartSky	Air-to-ground system, coverage begins above 10,000 feet. Coverage area Continental U.S. Service begins late 2017. System weight less than 40 lb. Requires two antennas. 4G LTE allows video streaming, email, text, voice calling (including VOIP, FaceTime, Skype).	\$93,000 (introductory pricing)	5 GB \$2,500 (\$500/GB) 15 GB \$3,800 (\$254/GB) 25 GB \$4,500 (\$180/GB) (all packages include voice calling)	4G LTE (actual speed not specified)
Iridium	Avionica	SatLink Max	Permanently installed Iridium system. Two voice channels. Two-box system, with Wi-Fi. Total weight 2 lb, 5 oz. Generally used for FANS and air traffic voice and data services.	\$45,000	NA	2.4 Kbps
	Bizjet Mobile	Chiimp Smart	Portable Iridium system, includes Bluetooth for wireless connectivity. Requires connection to Iridium antenna. Text and light email. Up to 10 simultaneous users. (Purchase price includes one year unlimited data, 500 minutes voice).	\$9,990	\$599/month	2.4 Kbps
	Garmin	GSR 56	Permanently installed Iridium system. Works only with certain installed Garmin avionics (does not have its own Wi-Fi or Bluetooth).	\$9,995	Starts at \$79.99 per month (includes unlimited texting, 30 minutes voice calling)	2.4 Kbps
	Latitude Technologies	SkyNode S100	Permanently installed Iridium system. Weight less than 1 lb. Bluetooth and Wi-Fi capable. Includes WAAS GPS receiver. Generally used for flight tracking, also S200 for FANS and air traffic voice and data services.	NA	NA	2.4 Kbps
	Send Solutions	Airtext	Portable Iridium system. Requires connection to Iridium antenna. Text and light email. Bluetooth LE, up to 16 users simultaneously. System weight 1.1 lb. Can be installed permanently or using Velcro for easy switching into other aircraft.	\$9,750	\$100 for 2,000 text messages (5 cents/text)	2.4 Kbps
		Airtext+	Same as regular airtext, but adds voice calling. Weight 1.2 lb. FAA STC'ed.	\$14,950	Voice calls about \$1.60/minute (through Iridium service provider)	2.4 Kbps
	Skytrac Systems	Skytrac 2	Permanently installed Iridium system. Primarily for fleet-tracking, flight data monitoring. Offers voice and data services as well as Wi-Fi connectivity.	NA	NA	2.4 Kbps
	Wabnet	AviatorWifi	Permanently installed Iridium system. Includes Wi-Fi. Price includes antenna. Up to five simultaneous users. One voice channel text, light email. DO-160 compliant. Installable as minor modification for aircraft weighing less than 12,500 lb., according to Wabnet.	\$17,650	\$165 per month, includes 2.5 hours voice, unlimited data/text/emails	2.4 Kbps
Inmarsat Swift Broadband	BendixKing	AeroWave 100	Inmarsat SwiftBroadband system, works over most of the world except for polar areas. 3 to 4 simultaneous users. Voice calling, email, texting.	\$24,995 without router, \$31,995 with Wi-Fi router	\$40 per hour	104 Kbps, but 200 Kbps available at higher cost through Inmarsat service provider
	Cobham Satcom	Aviator 200	Inmarsat SwiftBroadband system, works over most of the world except for polar areas. 3 to 5 simultaneous users. Voice calling, email with small attachments, texting.	Less than \$100,000 installed	\$5 to \$7 per MB (through Inmarsat service provider)	200 Kbps

Notes: Mbps = megabits per second. Kbps = kilobits per second. *Unless otherwise specified prices do not include installation.