



AVIONICS
NETWORKS

KILAS (Kinematic Link for Airborne Systems)

By Avionics Networks
**Efficient Two-Way
Satellite Messaging
with Advanced
Data Integration**



Introducing KILAS-0472 (Iridium SBD) and KILAS-0473 (Globalstar):

Harnessing the power of the Iridium Short Burst Data (SBD) and Globalstar satellite services respectively, these models are designed to provide reliable and cost-effective airborne messaging communication solutions for your critical aviation needs.



(678) 561-4267

✉ info@avionicsnetworks.com





Key Features

- **Enhanced Messaging Capabilities:** Maintain vital communication even in remote areas with our two-way messaging system. Send and receive important information directly from your aircraft no matter where you are.
- **Sensor Data Integration:** Integrate sensor data into your messages for real-time monitoring and analysis. Capture and transmit essential data such as temperature, pressure, altitude, and more.
- **GPS Data Sharing:** Provide accurate tracking, navigation, and situational awareness with precise GPS coordinates and location information.
- **Weather Updates:** Stay informed and safe with up-to-date weather updates, forecasts, and alerts on your flight route.
- **Emergency Communication:** Ensure swift and reliable communication in case of emergencies with our system's ability to relay distress signals, SOS messages, and emergency requests.
- **Global Coverage:** Experience seamless communication coverage anywhere in the world, courtesy of the combined power of the Iridium and Globalstar satellite networks.
- **Cost-Effective Solution:** Enjoy robust communication solutions at an affordable price with KILAS-0472 (Iridium) and KILAS-0473 (Globalstar) costing below \$150 per month and both models boasting low hardware costs.
- **Easy Integration:** Seamlessly integrate KILAS into your existing aircraft systems. Our user-friendly solutions are compatible with a wide range of aircraft models.

Safety Enhancement Use Cases

- **Tracking:** Whether over Alaska's icy landscapes, the Amazon jungle's dense canopy, or the vast expanse of the open ocean, where ADS-B coverage and tower communication might be limited or nonexistent, KILAS ensures that your aircraft remains traceable. The ability to share real-time GPS coordinates enhances your aircraft's safety and enables efficient navigation and flight operations.
- **Distress Signal:** In case of an emergency, having a reliable communication system becomes paramount. With KILAS, you can send out distress signals and emergency requests swiftly and effectively. Its ability to operate in the most remote areas provides an additional safety layer when it's needed most.
- **Communication in Remote Areas:** For operations in extremely remote areas, like the Alaskan wilderness or the depths of the Amazon jungle, KILAS guarantees reliable two-way communication. Send and receive critical information, despite being far removed from traditional communication networks.