



FOR IMMEDIATE RELEASE

# AvPanels Appointed Preferred Reseller of 5G-Tolerant TERRAIN Series Radar Altimeters



**ATLANTA, GA, March 7, 2023** – FreeFlight Systems, a NextGen aviation leader specializing in full spectrum safety and navigation solutions, today announced that AvPanels, a company specializing in the creation of advanced avionics solutions for Part 27 rotorcraft, has been appointed as a preferred

reseller of the TERRAIN Series line of radar altimeters best known for their tolerance to spurious 5G C-Band network interference.

Operators with Robinson R44, Bell 206/407, Airbus AS 350, and MD 500/530 airframes can now order the TERRAIN Series RA-5500 for new single installations, the RA-6500 for new dual installations, or the RA-4500 Mark II as a simple drop-in replacement for existing RA-4000 or RA-4500 implementations. The STCs will be amended to include additional rotorcraft models as demand increases with the first few models slated for completion by May 15, 2023.

“We are proud to offer industry-leading radar altimeters to the rotorcraft community,” mentions Bill Young, President, AvPanels. “The TERRAIN series line of radar altimeters offer operators an elegant AMOC solution to the recent rollout of 5G telecommunications networks, ensuring reliable crew and passenger safety.”

The radar altimeters, which are up to 60% smaller than existing legacy devices on the market, feature state-of-the-art Digital Signal Processing (DSP) technology and the first major upgrade to RF circuitry in decades. Customers are encouraged to place orders in advance through AvPanels for timely delivery. “We are seeing increased demand for 5G-tolerant radar altimeter solutions across rotorcraft, business aviation, and advanced air mobility markets,” mentions Shane LaPlante, VP of Sales and Marketing at FreeFlight Systems. “We understand the criticality of safe continued operations in the face of Airworthiness Directives (ADs) and are excited to extend these solutions to law enforcement, air medical, search and rescue, and other operators that navigate dense urban centers.”

FreeFlight will be exhibiting at HAI HELI-EXPO in Atlanta, Georgia from March 7<sup>th</sup> to March 9<sup>th</sup> at the Georgia World Congress Center (B1420). Visitors are encouraged to drop by to learn more about the TERRAIN Series line of radar altimeters.

## **About FreeFlight Systems**

As a NextGen Aviation leader, FreeFlight Systems designs and manufactures high-performance avionics for flight safety. These solutions deliver substantial safety and unmatched reliability that is critical for modern flight operations. Founded in 2001 and based in Texas, the company pioneered the first certified aviation WAAS/GPS receiver and their first rule-compliant UAT ADS-B system. FreeFlight Systems is now a global aerospace leader, specializing in SBAS/GNSS sensors, radar altimeters, flight management systems and other NextGen aerospace avionics. For more information, visit [www.freeflightsystems.com](http://www.freeflightsystems.com).

## **About AvPanels LLC**

AvPanels, LLC is a company based in Fort Worth, Texas specializing in the creation of advanced avionics solutions for the Part 27 (Rotorcraft) community. The Company has and is developing several Supplemental Type Certificates around the BendixKing Aerovue Touch and AeroNav systems as well products from Becker Avionics, RC Allen and FreeFlight Systems. AvPanels' goal is to improve safety through integrated avionics solutions that provide enhanced situational awareness and systems

redundancy to the rotorcraft community. For more information, visit [www.av-panels.com](http://www.av-panels.com) or dial 817-789-6621.