# Viasat's Dual-Band Airborne SATCOM Antenna Completes D0-160G Certification and C-17 MACC Testing

Jul 30, 2018

**Military-Grade Antenna Provides Multi-Network, Multi-Mode, High-Speed, Global Connectivity for Mission-Critical In-Flight Applications**

CARLSBAD, Calif., July 30, 2018 /PRNewswire/ -- Viasat Inc. (NASDAQ: VSAT), a global communications company, today announced its Ku-/Ka-band multi-network, multi-mode Global Mobile Antenna (GMA) 5560-101 has successfully completed the Federal Aviation Administration (FAA) D0-160G certification process and the U.S. Air Force Materiel Command (AFMC) C-17 Modified Airworthiness Certification Criteria (MACC) testing. By completing both the certification and test programs, the Viasat antenna has demonstrated it can provide powerful in-flight broadband connectivity, enabling advanced situational awareness, en-route mission planning, and a host of other applications that demand the highest forward and return link capacity available.

The DO-160G certification enables Viasat's antenna to be immediately installed on select United States Air Force (USAF) and Foreign Military Sale (FMS) senior leader, VIP and other military aircraft. Passing all AFMC C-17 MACC tests demonstrates the antenna's ability to become fully-certified for USAF and FMS C-17 platforms. Viasat is in the process of submitting C-17 MACC test reports for official review.

The GMA 5560-101 is a second-generation, highly-capable, low-risk satellite communications (SATCOM) antenna for medium and wide-body aircraft. Its predecessor is operationally proven, currently flying on nine different aircraft platforms for USAF, commercial airline and FMS customers. The GMA 5560-101 antenna delivers a flexible architecture that is frequency- and satellite-agnostic, meaning it offers:

- Compatibility with all existing medium earth orbit (MEO) and geostationary orbit (GEO) commercial Ku-, Ka- and MIL-Ka band satellites today;
- Access to a Hybrid Adaptive Network (HAN) that allows users to seamlessly operate across different networks (both government and private sector), creating an end-to-end network that provides mitigation against congestion situations, intentional and unintentional interference sources, and cyber threats through implementation of layered resiliency in highly contested environments;
- Lower total ownership costs by standardizing large multi-mission fleets, allowing customers to choose their own service providers with a single solution, simplifying the logistics requirements; and
- An advanced antenna solution that will be forward-compatible with next-generation high-capacity satellites, like the ViaSat-3 constellation and beyond.

"The GMA 5560-101 is the first SATCOM antenna to successfully complete D0-160G certification and also pass the full suite of rigorous C-17 MACC testing, with zero gap analysis," said Ken Peterman, president, Government Systems, Viasat. "The GMA 5560-101 provides our senior leaders and military forces with the flexibility and resiliency to communicate and operate globally on multiple government and private sector networks both now and well into the future."

More information about the Viasat's global mobile broadband solutions can be found here.

**About Viasat**

Viasat is a global communications company that believes everyone and everything in the world can be connected. For more than 30 years, Viasat has helped shape how consumers, businesses, governments and militaries around the world communicate. Today, the Company is developing the ultimate global communications network to power high-quality, secure, affordable, fast connections to impact people's lives anywhere they are—on the ground, in the air or at sea. To learn more about Viasat, visit: www.viasat.com, go to Viasat's Corporate Blog, or follow the Company on social media at: Facebook, Instagram, LinkedIn, Twitter or YouTube.

**Forward-Looking Statements**

This press release contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933 and the Securities Exchange Act of 1934. Forward-looking statements include statements about Viasat's dual-band GMA 5560-101 antenna's features and advantages. Readers are cautioned that actual results could differ materially from those expressed in any forward-looking statements. Factors that could cause actual results to differ include: risks associated with Viasat's technology, including the effect of any anomaly, operational failure or degradation in performance, and the Company's ability to realize the anticipated benefits of its technologies, in general. In addition, please refer to the risk factors contained in Viasat's SEC filings available at www.sec.gov, including Viasat's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. Viasat undertakes no obligation to update or revise any forward-looking statements for any reason.



View original content:http://www.prnewswire.com/news-releases/viasats-dual-band-airborne-satcom-antenna-completes-d0-160g-certification-and-c-17-macc-testing-300688339.html

SOURCE Viasat, Inc.

Jamie Clegg, Public Relations, Viasat Government Systems, +1 760-893-3609, James.Clegg@viasat.com, OR June Harrison, Investor Relations, +1 760-476-2633, IR@viasat.com