Astronics and Collins test Ku-band antenna technology for biz jets

Astronics Corporation announced August 4 the recent successful test flight employing its Ku-band tail-mounted antenna technology for the Collins Aerospace KuSAT2000 SATCOM terminal for its LuxStream business jet connectivity solution.

The KuSAT-2000 Tail-Mounted Antenna system demonstrated download speeds of up to 25 Mbps service in the United States and 15 Mbps globally utilizing SES satellites. The team transferred approximately 12 GB of data during the test flight, including as many as seven devices streaming High Definition (HD) content from a wide selection of video streaming services. In parallel to these streaming services, the crew executed multiple voice and video calls, testing a wide range of communications platforms.

Astronics said the system exceeded all key performance indicators established for this test flight, providing confidence in system performance as the rollout of LuxStream progresses.

“Collins Aerospace is excited to work with Astronics to bring LuxStream’s unmatched connectivity speeds to business jets around the world,” said Bruce Quade, Senior Program Manager of Connectivity Services for Collins Aerospace. “During our test flight, I was thrilled to connect with Matt Landel, Director of Sales Engineering at Astronics AeroSat, by video conferencing with him using the LuxStream service. This experience highlights how LuxStream provides the fastest broadband speeds available, with unmatched worldwide coverage.”

“Astronics is proud to be partnered with Collins Aerospace,” said Paul Mitchell, General Manager of Astronics AeroSat. “We are pleased to continue growing our relationship as installations of LuxStream increase.” Collins Aerospace is the primary point of contact for all sales and technical support, giving dealers and customers access to its industry-leading global support for LuxStream service and hardware.