

Applicant: Global Eagle Telecom Licensing Subsidiary LLC  
Call Sign: E080100  
File No.: SES-STA-20200227-00205  
Special Temporary Authority ("STA")

Global Eagle Telecom Licensing Subsidiary LLC ("Global Eagle") is granted Special Temporary Authority to conduct additional testing to evaluate the 1.2-m Skyware Global, Type 123, Class II, Ku-Band antenna and data throughput with Global Eagle's existing earth station aboard aircraft ("ESAA") service for 180 days in Dallas, TX on frequency bands 14000-14500 MHz (Earth-to-space) and 11450-12200 MHz (space-to-Earth) with AMC-6 satellite at orbital location 83° W. Operations will be under the following conditions:

1. Operations are on an unprotected and non-harmful interference basis. Global Eagle must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. Operations shall be with requested emission designators 72M0G7W on 11450-12200 MHz (space-to-Earth) and 36M0G7W on 14000-14500 MHz (Earth-to-space) with 57.18 dBW eirp, 17.63 dBW/4kHz eirp density, and -24.66 dBW/4kHz input power density.
3. Waiver of NG52 to allow reception of transmissions originating from Holmdel, NJ is granted without prejudice to the conditions in the market access grant for the AMC-6 (S2347) satellite, and in respect to footnote NG527A of the table of allocations in that ESAA terminals fall under the ESIM classification. The grant of this waiver is limited to the duration of this authorization.
4. Operation pursuant to this authorization must be in compliance with the terms of Global Eagle's coordination agreements with the National Science Foundation and the National Aeronautics and Space Administration pertaining to operation of ESAAs in the Ku-Band.
5. This STA is limited to Global Eagle not providing any commercial services.
6. Global Eagle must take all necessary measures to ensure that the operation authorized does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
7. Global Eagle must maintain a U.S. point of contact available 24 hours per day, seven days per week, with the authority and ability to terminate operations authorized herein.

Global Eagle must submit a letter to be included in its license file with the name and telephone number of the point of contact prior to commencing operation.

8. Stations authorized herein must not be used to provide air traffic control communications.
9. ESAA (Ku-band frequencies only) on the ground must not transmit at elevation angles less than three degrees.
10. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Global Eagle's risk.
11. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending or future Global Eagle's applications.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective upon release.