

Request for Special Temporary Authority

Northrop Grumman Systems Corporation submits this application for Special Temporary Authority (STA) for the purposes described in the application. The requested antenna information is as follows.

The fixed and aircraft mobile antennas are a Northrop Grumman design wideband parabolic reflector type. Antenna gain is 27.5 dBi; main beam width is 3.5 degrees. Polarization used will be both horizontal and vertical. The antenna will be directed in various directions to establish an aircraft-to-ground link.