

Application for Special Temporary Authority (STA)

Northrop Grumman Systems Corporation (NGSC) submits this application for an STA for a 50-mile area airborne mobile location centered on NL 30-38-49, WL 86-31-17; and for authorization to conduct tests while in flight at a maximum altitude of 31,000 feet MSL within an area defined by the following geographic coordinates:

NL 39-08-50, WL 77-49-38
NL 38-23-36, WL 76-09-26
NL 29-56-09, WL 85-33-41
NL 30-43-57, WL 87-45-32

NGSC's request for authority is for a short 6-month term in which to conduct tests in support of internal research and development (IRAD) related to new transmitter, receiver and Active Electronically Scanned Array (AESA) radar antenna technology for ultimate use in anticipated future Department of Defense contracts. The technical details of its planned operations are identical to those authorized for longer-term development by experimental license WH2XSA, FCC File Number 0267-EX-ML-2015.

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