

Application for Special Temporary Authority (STA)

This application for Northrop Grumman Systems Corporation (NGSC) is to permit performance verification testing of the G/ATOR system IFF Interrogator in conjunction with FCC experimental license WH2XRS (FAA Co-ordinations NG T150054 and NG T160002) for transmission of UPX-44 interrogations. Only SIF modes 1, 2, & 3A will be used. Transmit power will be limited to an ERP of 0.031 microwatts. NGSC will use the test set directional antenna (1 dBi gain) for RF 1090 MHz transmission testing.

The tests will make use of the AN/USM-719 Radar Test Set. Operations of the test set will be in accordance with its operators manual: EE120-AG-OMP-010, Operational and Organizational – Level Maintenance Instructions, prepared by the Naval Air Warfare Center, Patuxent River NAS, MD. Section WP 004 04, System Operation – IFF Interrogator Testing, describes the test set up that NGSC will follow, to include the need to coordinate with local ATC. NGSC has requested coordination with the FAA.

This work is being performed pursuant to a contract with the U.S. Navy/USMC, Contract Number M67854-07-C-2027. Contract USGOV POC is: Major Chris Stephenson, Program Executive Office – Land Systems. Contact: chris.stephenson@usmc.mil or Christopher.Stephens@usmc.smil.mil. (W) 703-784-0620 (no voicemail); (M) 703-798-3138.