

Application for Experimental License

By this application Northrop Grumman Systems Corporation (NGSC) applies for an experimental 2-year license for the purpose of supporting a direct Foreign Sales contract with Saudi Arabia. RSAF Contract No.: 1/410/434/268/A.F., NGOSCO Contract No.: 30061435. The requested license will be used for the testing and delivery of Northrop Grumman TPS-78 primary radar paired with the Telephonics UPX-44A IFF. Together these form a fixed location, Air Surveillance Radar System. Development testing of the Primary Radar operations is in the frequency band 2910 to 3100 MHz. The IFF will be tested with Transmit at 1030 MHz and Receive at 1090 MHz, using the SIF modes. Operation of the IFF will not include modes 4, 5 or S. The operational area for the radar and IFF are limited to the azimuth sector between 250 degrees and 360 degrees true. All other areas will be blanked (non-radiating).

The test location is at 7040 Troy Hill Road, Elkridge, MD. One system will be tested at a time, through a total of sixteen production units.

Northrop Grumman has received the attached coordination document, NG T150133, from the FAA for the operation of this pairing of the primary and secondary radars. Northrop Grumman will conform to the limitations stated in NG T150133.