

FCC Form 442  
Application for a New Experimental  
Radio Station License

Northrop Grumman Corporation

**EXHIBIT 1**  
(FCC Form 442, Item 10)

Northrop Grumman Corporation ("NGC") is developing a new radar transmitter capable of 6 inch resolution. NGC will use the requested experimental radio station license's facilities to test and evaluate the new transmitter, collect target data and perform a proof of concept. The testing will be conducted over a term of two years aboard a PBN Islander aircraft. Ten flights are currently planned.