EXHIBIT 1
FCC FORM 442
ITEMS 4a-4g

This radar transmitter is intended to be flexible in its output parameters, however, transmissions will be within the range below.

Parameter	Nominal	Range
Pulse Repetition Frequency	10 kHz	5-50 kHz
Pulse Width		.3-8 μSec
Rise Time		5-20 nSec

The necessary bandwidth for the radar was calculated using the following formula:

$Bn = 1.79 / (\sqrt{t_r} \times t)$
where $t_r = 5$ nSec and $t = .3$ μSec
$Bn = 84.381$ MHz

EXHIBIT 2
FCC FORM 442
ITEM 7

Northrop Grumman Corporation, on internal funding, is developing a radar system to be used as a basis for future airborne radar designs. This system is anticipated to compete for the US Army's Commanche helicopter fire control radar contract in the near future. It will combine a new electronically scanned antenna and a high speed receiver processor. Transmission is essential to verify the performance of the radar.