

Exhibit 1
Line 1 Item 4 (e) & (f)

- 4.(e) Pulsed at less than 10% duty cycle maximum
- 4.(f) (3) Signal has frequency deviation from the carrier
- (4) Signal has variable duty cycle and repetition rate

Exhibit 2
Item 5 (c)

5. (c) Mobile areas of operations:

LMMFC-O 5600 Sand Lake Road, Orlando, orange County, FL

100 nautical mile radius

Latitude: 28° 26' 44" N

Longitude: 081° 27' 09" W

LMTAS Fort Worth, Tarrant County, TX

300 nautical mile radius

Latitude: 32° 47' 00" N

Longitude: 097° 26' 30" W

Richmond, VA International Airport, Sandston, VA

300 nautical mile radius

Latitude: 37° 31' 00" N

Longitude: 077° 19' 00" W

Exhibit 3
Item 6

6. Air Data Link Transmitter:

- (a) 7° horizontal, 20° vertical 3dB points, antenna is vertically polarized.
- (b) Unknown
- (c) Unknown

Ground Data Link Transmitter:

- (a) 0.9° for vertical and horizontal plane 3 dB points; antenna is vertically polarized.
- (b) Unknown
- (c) Unknown

Exhibit 4

Item 10

10. Lockheed Martin Missiles and Fire Control – (LMMFC-O) – and ELTA an Israeli company, are conducting the ELMSAR activity jointly. Together they will market the ELAT synthetic aperture (SAR) pod for reconnaissance missions within the United States and Internationally. Additionally, this pod will be redesigned to provide additional operating features, which expands its role to that of precision targeting. This development phase will take place during the next four years and involves significant testing at the listed locations. The upgraded pod is for US military use only. It represents the next generation of adverse weather fire control capable of precision targeting.

The ELTA SAR pod is designed to fly on fighter aircraft and presently flies on the Israeli F-16 aircraft. It consists of a radar group for SAR image generation and onboard processing, environmental cooling unit, and an airborne bi-directional data link for the transfer of mission data and control information. The airborne data link communicates with the ground data terminal that receives the pod data and transfers it to the ground based processing equipment. The ground data terminal also provides an up link for making in-flight changes to the pod's mission profile. All three transmitters operate within the X-Band.

The objectives of this activity are to demonstrate the present SAR capabilities for reconnaissance use with the existing pod and complete performance characterization and demonstrate the capabilities of the upgraded pod.

The pod will be tested both on the ground and airborne. Ground testing will be accomplished by locating the sensor within or on the roof of several structures for temporary baseline testing and system characterization. The antenna will never exceed 6 meters above the structure. The airborne testing will be accomplished by captive carry of the SAR pod with airborne data link on either commercial or military aircraft as may be necessary for testing and demonstration.