

Submitted by Joel Thorsheim on behalf of Insitu
The Boeing Company
Frequency Management Services
P.O. Box 3707 MC: 2T-22
Seattle, WA 98124-2207
206-544-6066 Office

Table 1 lists the equipment specifications and table 2 shows the location data.

Frequency Data	
Transmit Frequency Bands	S-Band: 2.920 to 3.080 GHz X-Band: 9.210 to 9.490 GHz
Transmitter Data	
Transmitter Model	Merlin-Harrier Avian
Transmitter Manufacturer	Detect
Transmitter Power Output	170 Watts Peak
Antenna Data	
Power Output ERP	17 MW
Emission Data	
Emission Designators	S-Band: 29M8P0N, 42M5Q8N, and 53M0P0N X-Band: 29M8P0N, 42M5Q8N, and 64M3P0N

Table 1– Merlin-Harrier RADAR

City	State	Latitude	Longitude	Radius (KM)	Station Type
Ackerman	MS	33-12-06 N	89-13-38 W	100	Ground Mobile
Watford	ND	47-48-08 N	103-16-59 W	100	Ground Mobile

Table 2 – Location Data

Stop Buzzer POC:

Stop Buzzer for this operation is Insitu Operations Action Center at 509-637-4691.