

Submitted by Joel Thorsheim on behalf of Insitu  
 The Boeing Company  
 Frequency Management Services  
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Table 1 lists the equipment specifications and table 2 shows the location data.

<b>Frequency Data</b>	
Transmit Frequency Bands	S-Band: 2.920 to 3.080 GHz X-Band: 9.210 to 9.490 GHz
<b>Transmitter Data</b>	
Transmitter Model	Merlin-Harrier Avian
Transmitter Manufacturer	Detect
Transmitter Power Output	170 Watts Peak
<b>Antenna Data</b>	
Power Output ERP	17 MW
<b>Emission Data</b>	
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.