

Submitted by Joel Thorsheim
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Operation Description:

The Fortem SkyDome™ Trueview R20 installation will provide radar coverage and airspace awareness at Boeing Field in Seattle Washington. These radars function as the primary sensors for the Fortem SkyDome™ platform. In order to achieve maximum coverage and continuity between radar sensors, the use of 8 radars positioned in 2 mounting locations will be used.

Tables 1 lists the equipment specifications, including frequency band of operation, transmitter output power, emissions, antenna types and gains, as well as maximum ERP. Table 2 lists the locations that are being requested.

Frequency Data	
Transmit Frequency Band	15,400 – 15,700 MHz
Transmitter Data	
Transmitter Model	Trueview R20
Transmitter Manufacturer	Fortem Technologies
Transmitter Power Output	2.34 Watts
Antenna Data	
Power Output ERP	30 Watts ERP
Emission Data	
Emission Designator	300MQXN

Table 1 – Ground Equipment Data

City	State	Latitude	Longitude	Station Type	Comments
Seattle Boeing Field 3-390	WA	47-32-20 N	122-18-51 W	RL—Radionavigation land (unspecified) Aeronautical radionavigation.	4 RADAR Systems
Seattle Boeing Field 13-03	WA	47-30-50 N	122-17-37 W	RL—Radionavigation land (unspecified) Aeronautical radionavigation.	4 RADAR Systems

Table 2 – Location Data

Stop Buzzer POC:

Stop Buzzer for this operation will be Scott Peterson at 206-947-7384.