Technical Description

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Tables (1) and (2) lists the equipment that will be used for the Ground Control Station and manned and unmanned aircraft.

Frequency Data					
Transmit Frequencies	encies 2267, 2330, 2377, and 2390-2489 MHz				
Transmitter Data					
Transmitter Power Output	6 Watt total (3 transmitters with 2 Watts each)				
	optional 20 Watt amplifier with single transmitter				
Antenna Data					
Power Output ERP	12.3 Kilowatts ERP				
	15 Watts ERP				
Emission Data					
Emission Designators	5M0D1D, 10M0D1D, 20M0D1D				

Table 1 – Ground Equipment Data

Frequency Data					
Transmit Frequencies	Frequencies 2267, 2330, 2377, and 2390-2489 MHz				
Transmitter Data					
Transmitter Power Output	6 Watts (3x2Watts)				
Antenna Data					
Power Output ERP 15 Watts ERP					
Emission Data					
Emission Designators	5M0D1D, 10M0D1D, 20M0D1D				

Table 2 – Unmanned/Manned Aircraft Equipment Data

Table (3) lists the locations/areas of operations, as well as the station class of the operation.

City	State	Latitude	Longitude	Radius (KM)	Station Type
Bingen	WA	45-42-23 N	121-27-23 W	1	Fixed Ground Testing Only
Hood River Airport	OR	45-40-18 N	121-32-24 W	1	Fixed Ground Control Station
Boardman	OR	45-44-54 N	119-47-38 W	1	Fixed Ground Control Station
Jackass Springs	OR	45-31-19 N	120-46-58 W	1	Fixed Ground Control Station
Wasco Butte	OR	45-36-26 N	121-19-53 W	1	Fixed Ground Control Station
Bald Peter	OR	45-39-23 N	121-41-33 W	1	Fixed Ground Control Station
Long Branch	OR	45-34-31 N	121-46-13 W	1	Fixed Ground Control Station
Grey Butte	OR	44-25-04 N	121-05-51 W	1	Fixed Ground Control Station
Arlington	WA	45-43-13 N	120-10-45 W	1	Fixed Ground Control Station
Boardman Airborne (Unmanned Aircraft)	OR	45-44-54N	119-47-38W	50	Mobile up to 10,000 Feet Flight Level
Bingen Airborne (Manned Aircraft)	OR	45-42-23 N	121-27-23 W	200	Mobile up to 10,000 Feet Flight Level

Table 3 - Location Data

Stop Buzzer

Stop buzzer for this operation is a 24-7 staffed number at 509-637-4691.

Start Date: January 14, 2019 Stop Date: July 10, 2019