

Operation Overview

The Boeing Company

Submitted: 12/02/2014
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An experimental license is being requested in lieu of STA, FCC call sign WH9XQT, 0565-EX-ST-2014 which expires on February 1, 2015.

OPERATION OVERVIEW

Start Date: February 1, 2015
Stop Date: February 1, 2017

Station Class: FA, MO

S-Band Mobile Airborne and Fixed Ground Equipment

Manufacturer: Persistent Systems,
LLC Model: Wave Relay
Frequencies: 2391 - 2495 MHz
Emission: 3M85G1D, 7M7G1D, 15M4G1D,
4M06D1D, 8M13D1D,
16M3D1D

Frequency Tolerance: 20 ppm
Ground Output Power: 10 Watts Airborne Output
Power: 10 Watts Airborne
Antenna Gain: 3 dBi
Ground Antenna Gain: 24 dBi
Ground Antenna Type: Parabolic
Dish
Airborne Antenna Type: Monopole
Ground ERP: 1532 W
Airborne ERP: 13 W
Ground Antenna Polarization: Vertical
Airborne Antenna Polarization: Vertical

STOP BUZZER POINT OF CONTACT:

Phil Tsiang at 253-657-8218, Mark Poad at 253-657-8265 or Tom Ott at 253-657-7934
, Jahn Goede 206-544-2543

Operation Overview

Operational Overview

Location: Boeing Field, Seattle, WA (Excluding Canada)
Latitude: 47° 32' 0.09" N
Longitude: 122° 18' 41.01" W
Radius: 600 Kilometers
Max Flight Level: 37,000 Feet AGL

Location: Greenville, TX (Excluding Mexico)
Latitude: 33° 4' 20.42" N
Longitude: 96° 4' 36.71" W
Radius: 600 Kilometers
Max Flight Level: 37,000 Feet AGL

Location: Glasgow, MT (Excluding Canada)
Latitude: 48° 24' 22.27" N
Longitude: 106° 31' 57.74" W
Radius: 600 Kilometers
Max Flight Level: 37,000 Feet AGL