

Operational Overview

The Boeing Company

Submitted: 12/02/2014
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The Boeing Company
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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

Operational Overview

LOCATIONS

Location: China Lake, CA (Excluding
Mexico) Latitude: 35° 41' 21.54" N
Longitude: 117° 41' 15.07"
W Radius: 600 Kilometers
Max Elevation: 15,000 Feet

Location: Yuma, Az (Excluding
Mexico) Latitude: 32° 39' 13" N
Longitude: 114° 36' 5.63" W
Radius: 600 Kilometers
Max Elevation: 15,000 Feet

Location: Hickam AFB, HI
Latitude: 21° 20' 35.18" N
Longitude: 157° 57' 42.05"
W Radius: 600 Kilometers
Max Elevation: 15,000 Feet

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