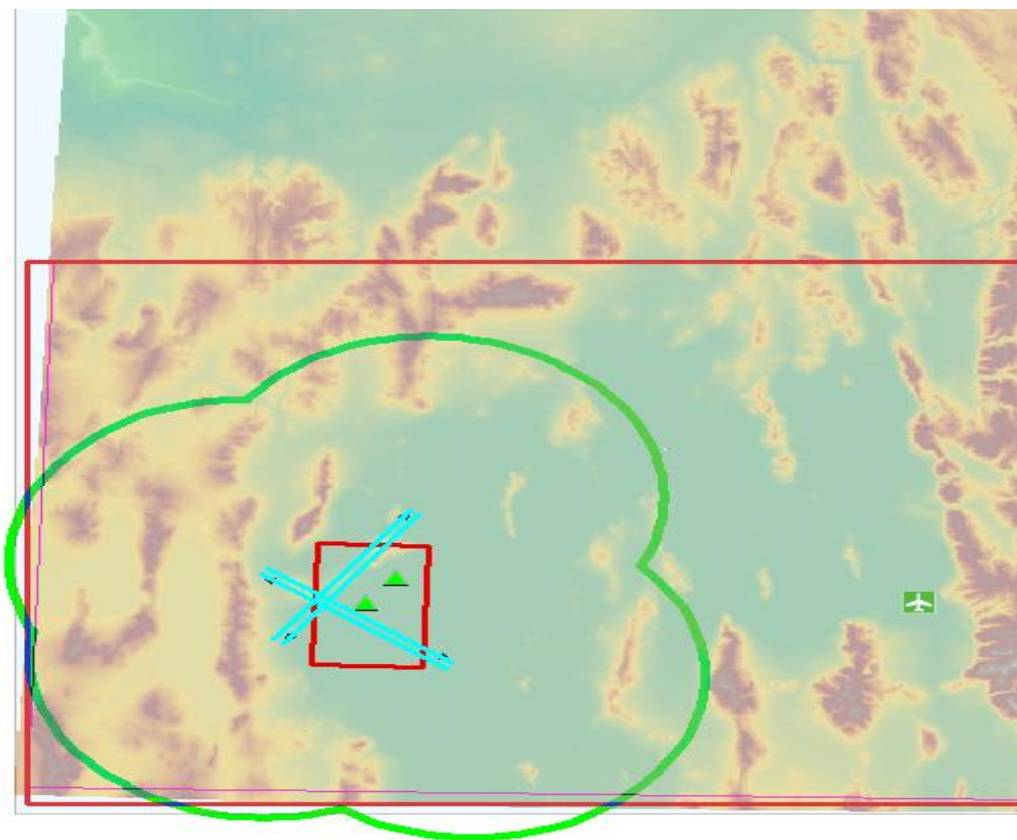


GeoSAR Calibration Site Bonneville, UT

The P-Band Flight area is denoted by 20-nautical-mile standoff area (shown in green), which falls roughly between 115°7'44"W and 112°41'4"W Longitude and 39°54'1"N and 41°42'39"N Latitude. The blue dots represent P-band frequencies that are active in the area. The chart on the next page shows the distance and length of time that the radar is activated for each numbered flight line. Radar is off during turns.



Purpose: GeoSAR radar sensor calibration

Mission Duration: This mission is composed of 1 sortie of approximately 1 hour in duration. The radar on and off points are shown in the attached flight line summary.

Total mission radar activation: 26.01 minutes.

P-band radar will be on for 26.01 minutes.

Total radar activation distance: 182.04 naut. mi.

Flight Altitude: 39511 feet

Ground Speed: 420 knots

Frequency Notching: Enter Frequency Notching Info

Stop Buzzer Procedure: A call to the FEDI Center will result in immediate contact with the plane (GeoSAR Call Sign: Gulfstream 10123).

Fugro EarthData Office: 301-948-8550

Fugro Earthdata Ground Crew: 240-409-5062

Flight Line#	Direction	Coordinates Radar On		Coordinates Radar Off		Distance of Radar Activation	Radar Activation Duration
		Latitude (deg)	Longitude (deg)	Latitude (deg)	Longitude (deg)		
3	NW to SE	40°55'7"N	114°17'19"W	40°29'31"N	113°27'50"W	45.51 nautical miles	6.50 minutes
4	NE to SW	41°9'19"N	113°37'51"W	40°31'40"N	114°11'31"W	45.51 nautical miles	6.50 minutes
5	SE to NW	40°28'11"N	113°29'2"W	40°53'46"N	114°18'30"W	45.51 nautical miles	6.50 minutes
6	SW to NE	40°32'34"N	114°13'17"W	41°10'14"N	113°39'37"W	45.51 nautical miles	6.50 minutes
Total						182.04 nautical miles	26.01 minutes

NOTE: ** X-Band and P-Band Line