

1. Flight Elevation is 40K feet.
2. The antenna is a mechanically scanned array antenna with **ZERO** gain.
3. Stop Buzzer: Gregory Smolinski 716-990-2610: The stop buzzer person is an employee with the aircraft company. If there is any need to stop transmission, the stop buzzer (person) will be contacted. The stop buzzer has multiple methods of reaching the aircraft during the flight. The personnel on the aircraft will immediately cease transmission until cleared to continue (i.e. exiting a given region or waiting a given duration).
4. The radar system under test (SUT) has had extensive testing in the lab and is a derivative of a system that has been flying for decades. The RF output is well known, as well as spurious signals. The collective of the radar SUT and the aircraft it is flying on will have undergone an Electromagnetic Interference (EMI) test prior to flight test.