

1. THE SUBJECT RADAR WILL BE TESTED ON MANNED AIRCRAFT
2. An updated airspace volume is defined as the polygon with the following coordinates (see attached image):
 - 39 02' 42"N 077 57' 49"W
 - 38 43' 53"N 077 24' 12"W
 - 38 37' 06"N 077 33' 46"W
 - 38 23' 11"N 077 40' 08"W
 - 38 23' 00"N 078 25' 37"W
 - 39 2' 47"N 078 03' 26"W
- A. If the location is required as a Lat/Lon and Radius, then the closest approximation to the polygon above is a circle centered at 38 40' 58"N 078 01' 14"W with a radius of 50km. While portions of these areas intersect with the Washington Dulles Class B airspace, our airborne test operations would remain clear of this airspace.
 - B. The requested altitude ceiling can be revised down to 10,000 ft. Testing will most likely occur between 4000-7000 ft, but up to 10,000 ft is requested to allow the test crew to flexibility to operate in a volume of airspace with minimal other air traffic
3. Airborne testing will be conducted on a manned experimental aircraft that is not subject to COA. The aircraft is the Aurora Flight Sciences Centaur, which is based on a Diamond DA42 twin-engine general aviation aircraft. The Centaur has held an FAA Special Airworthiness Certificate in the Experimental category since December 2010 (ref FAA registration numbers N49AU, N51AU).