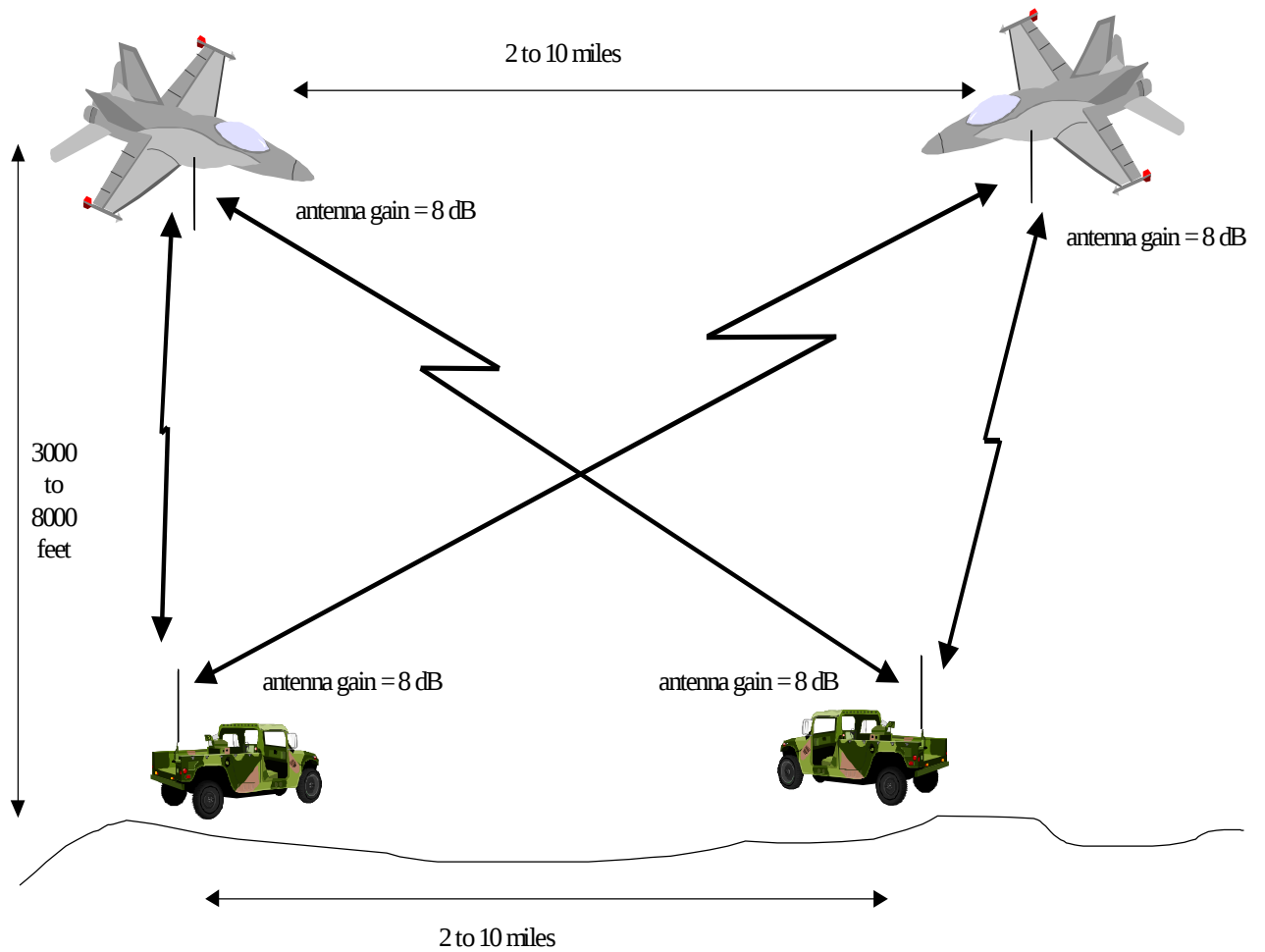


Exhibit #1 to FCC Form 422 for OBS Testing



All locations are in the vicinity of Woodbridge, VA; within a radius of 20 miles

Exhibit #2 to FCC Form 422 for OBS Testing

The Defense Advanced Research Projects Agency (DARPA) is developing a data networking router to support mobile data communications. This mobile router is called On Board Switch (OBS). OBS will be used with both terrestrial and airborne mobile platform to enable data exchanges between these platforms and a wide area network (like the internet).

This license is being requested to support the testing of the OBS. The communications links shown in Exhibit #1 will interconnect the airborne platforms with the ground platforms. The testing of the OBS will be performed during August and September 1999. The RF communications links are to test the OBS and are not being developed to support a fielded OBS system. This is a short term, one time request.

All antennas have a gain of 8 dB azimuth beamwidth = 360 degrees
elevation beamwidth = 20 degrees

6 watt amplifiers will be used at all locations