

Is a directional antenna (other than radar) used? **Yes**

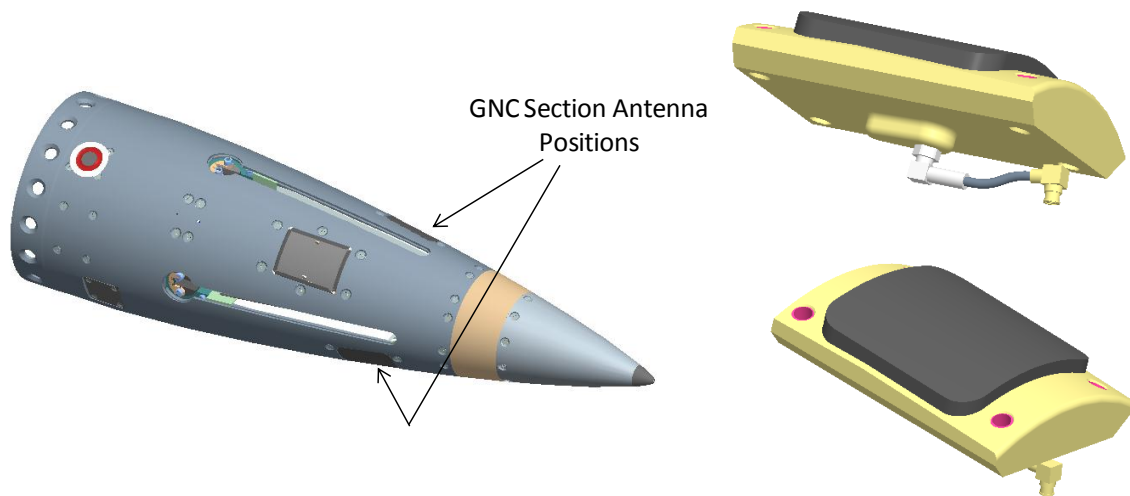
Exhibit submitted: **No**

(a) Width of beam in degrees at the half-power point: **85 degrees**

(b) Orientation in horizontal plane: **NA. Right Hand Circular Polarized**

(c) Orientation in vertical plane: **NA. Right Hand Circular Polarized**

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? **The telemetry patch antennas (2) are installed and tested in the Guidance and Navigation Section of the LRLAP in Orlando. See below exploded view.**



(a) Overall height above ground to tip of antenna in meters: **2 meters maximum**

(b) Elevation of ground at antenna site above mean sea level in meters: **30 meters**

(c) Distance to nearest aircraft landing area in kilometers: **12 kilometers**

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: **All outdoor testing is done in the vicinity of one to two story buildings and large old-growth pine trees.**