

Antenna Information

Proposed P-STAR platform Mode S operation is limited to the following antenna parameters:

Manufacturer: Lockheed Martin

Model: 7283796

Type: 8 Element linear Planar Array (61"wide, 29"high, 7"width, weight 78 lbs)

Polarization: Vertical

Gain: 13db

1st Sidelobe: -25db SUM channel

Horizontal Beamwidth: 10 deg (SUM)

Vertical Beamwidth: 28 deg (SUM)

Rotation Rate for Test: 10 RPM

Site Elevation: 405ft/133m (MSL)

Max Antenna Height: 100ft/32.8m (AGL)