

TH-HGA-6000

Data Sheet

Description

The TH-HGA-6000* is the smallest mechanically steered Thuraya Aero Antenna. It is the first antenna of this type to accept steering commands directly from any ARINC 741 compatible Satellite Data Unit. This eliminates the need to install a separate Antenna Control Unit (ACU) or Beam Steering Unit (BSU) and improves empennage weight distribution and installation simplicity. The TH-HGA-6000 needs to be mounted under the tail radome on the empennage of the aircraft or under an aerodynamically optimised radome if it is mounted on the fuselage.

Features

- Smallest swept volume available for a mechanically steered high gain antenna
- Higher gain than single helix antenna designs
- Excess gain can be used for longer RF cable runs between antenna and DLNA/HLD
- Integral Beam Steering Unit with ARINC 429 interface reduces overall box count
- Lightest High Gain Antenna available on the market



TH-HGA-6000

Technical Specifications

Dimensions and weight:

Length: 256 mm
Width: 256 mm
Height: 246 mm
Weight: 1.8 kg

Interfaces:

RF: TNC Male
Control: Mult-pin (MS3476W16-26P)
MXC Female

Altitude: 70,000 ft

Temperature Range: -65 to +70 °C

Voltage: 28 Vdc

Power: 22.4 W

Qualification: DO-160D

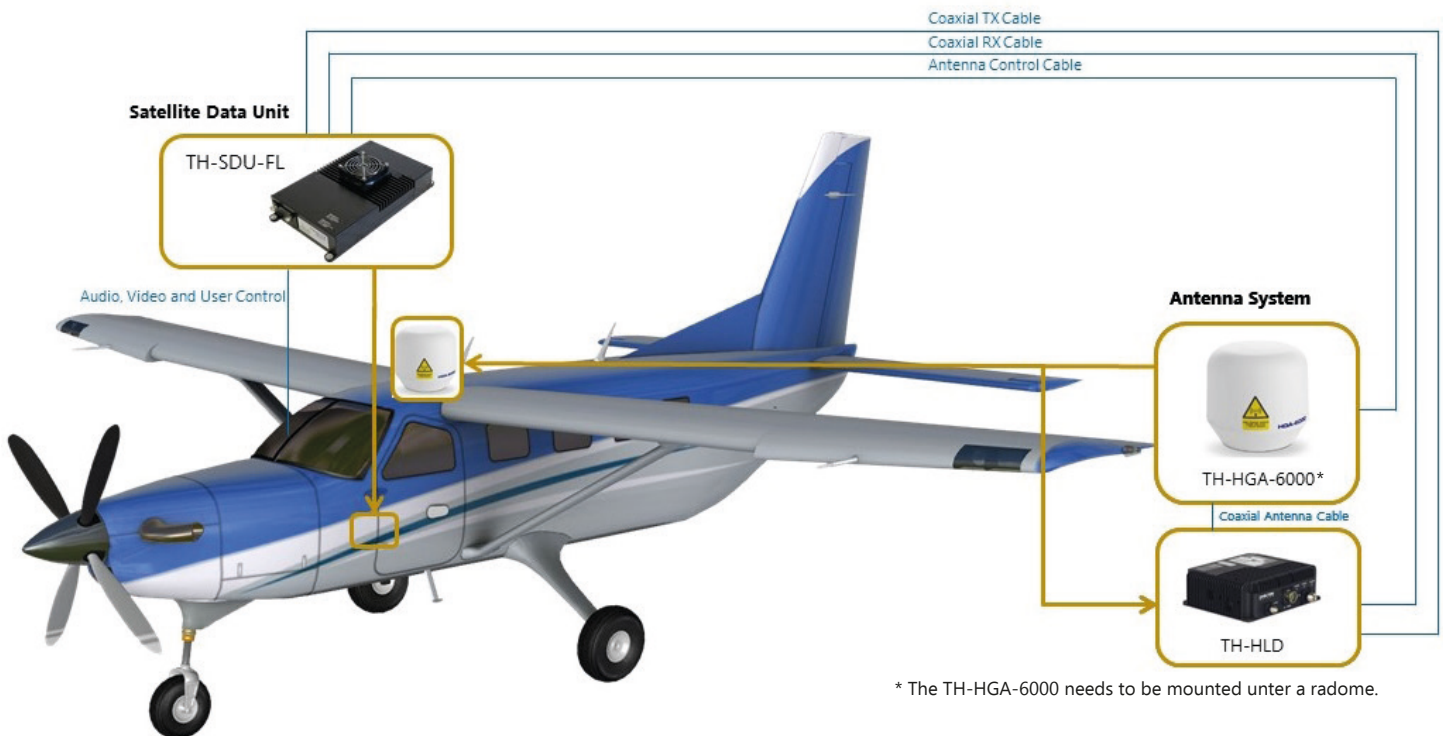
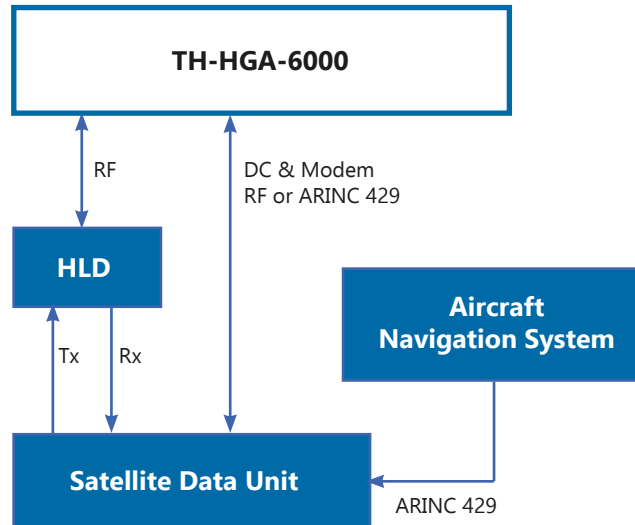
Thuraya Aero 

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