

# Cobham AVIATOR HGA-7000

Inmarsat SATCOM High Gain Antenna

**COBHAM**

## Data Sheet

The most important thing we build is trust

### Description

The HGA-7000 is a phased array fuselage mount High Gain Antenna. Its low profile and small footprint make it suitable for installation on air transport aircraft and business jets. The antenna meets the ARINC 741 standard and is type approved by Inmarsat for use with Classic Aero (H/H+), Swift64 and SwiftBroadband. A unique interface with the Beam Steering Unit (BSU) offers simple through-fuselage connectivity. A variety of mounting and adapter plates allow simple and flexible installation across a diverse range of airframes.

### Features

- ARINC 741 compliant
- No coverage keyholes
- Low profile
- Effective low elevation multi-path rejection
- Qualified for rotorcraft installations
- Solid state highly reliable design
- Interface via two coaxial connectors

### Technical Specifications

#### Dimensions

Length:	861 mm	(33.9")
Width:	299 mm	(11.77")
Height:	51.6 mm	(2.03")
Weight:	8.8 kg	(19.4 lbs)

#### Interfaces

RF:	TNC Male
Control:	TNC Male

#### Altitude

70,000 ft

#### Temperature Range

-55 to +70 deg C

#### Voltage

28 Vdc

#### Power

22.4 W

#### Qualification

DO-160D

#### Certification

677-A0106:	ZA-CAA PMA ZA-PMA/546/004 27 July 2005
804-10-0001:	FAA PMA PQ0780SW 17 November 2005

For further information, please contact:

[Cobham SATCOM, Cape Town](#)

Tel: +27 21 700 7000

Fax: +27 21 700 7199

Email: [satcom.capetowninfo@cobham.com](mailto:satcom.capetowninfo@cobham.com)

or :

Distributed By:

