

MIJET™ 2-Way Ku Band, Fuselage-Mounted Antenna System Achieves Record Performance During Boeing 737 Flight



Starling's MIJET™ antenna system sets a new record for high bandwidth Web accessibility, VoIP communications and video conferencing.

MIJET™, the world's fastest, low-profile, fuselage-mounted antenna system for airliners, is setting the highest performance levels for 2-Way Ku band connectivity, opening new horizons for broadband inflight applications.

Installed on a Boeing 737 aircraft, the MIJET™ antenna successfully completed a series of flight tests in a multi-user environment. Subject to varying flight conditions and altitudes, the user-experience proved to be highly productive and included simultaneous video conference calls, VoIP phone calls (using Skype), heavy file Internet download, e-mail and web surfing. The transmission bit rates exceeded nominal specifications and achieved a record-breaking reception bit rate of more than 20 Mbps and transmission bit rate of more than 5 Mbp.

Throughout the tests, the MIJET™ antenna system maintained continuous two-way broadband connectivity between the airborne platform and the AMOS communication satellite.



Description:

Airborne Ku band antenna system. Starling's CoMPA™ new generation technology enables data transmission and reception at true broadband bit rates.

Physical Dimensions:

Diameter 30" (76 cm)
Height 6" (15 cm)

Main Performances:

G/T 11.5 dB/K
EIRP 42 dBW
Elevation Coverage 90°-10°

Easy and rapid Installation

Only one cable runs into the aircraft.
Single outdoor LRU unit for optimal ease



The very small, fuselage mounted MIJET™ antenna system can easily be top-mounted on any type of aircraft



The MIJET™ low-profile and light-weight antenna system minimizes drag and fuel consumption



Starling

Advanced Communications

Setting the Standard in Airborne Connectivity

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