

# TRACKER MMU™

## Mission Management Unit



## Voice + Text = Mission Success

The revolutionary satellite communications interface from Sky Connect gives you fast access to satellite text messaging and voice calls with a bright alphanumeric display and a fast multi-function selector button.

The MMU makes it a breeze to send standard company-specific messages, such as number of passengers, current fuel load, patient status, ETA, etc. Mini-forms can be presented for the crew to enter numbers or text to answer questions for dispatchers.

For telephone calls, 99 names and phone numbers can be stored, all accessed via the rotary selector. This lowers pilot workload and prevents calls to unauthorized destinations. An optional free-form dialing mode is available for calling any telephone number, worldwide!

- Dial by name or number
- Up to 99 named entries
- Two-way text messaging
- User-defined stored messages
- Dimmable
- Up to 7 discrete inputs

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## Mission Management Unit



Mission Management Unit (MMU)	Specifications
Weight	0.7 lb (0.3 kg)
Dimension	5.7 x 3.5 x 1.9 in.
Depth Behind Panel	5.5 in.
Mode Controller	Rotary switch with momentary press
Preprogrammed Dialing	Up to 99 named with up to 16-digit phone numbers
Programmable Modes	User-definable reports with lists
Power	10-32 VDC @ 100ma max
Mount	DZUS rail
Connectors	DB-25 male

Sky Connect Transceiver	Specifications
Regulatory Compliance	DO-160D
Initial Part 25 STC	Cessna 525 (CJ2)
Temperature Range	Section 4 Cat D2 -50 °C to +55 °C
Altitude Range	Section 4 Cat D2 50,000 ft
Vibration	Section 8 Cat R
Temperature Variation	Section 5 Cat C
Power Input	Section 16 Cat B
DC Spike	Section 17 Cat B
Conduction Emissions	Section 21 Cat B
Radiated Emissions	Section 21 Cat B
Weight, including Tray	3.1 lb (1.4 kg)
...with TRACKER	3.3 lb (1.5 kg)
...with Internal GPS	3.4 lb (1.5 kg)
Dimensions	10.25 x 4.6 x 2.7 in. (26.0 x 11.7 x 6.9 cm)
...in Tray	10.75 x 5.0 x 2.9 in. (27.3 x 12.7 x 7.4 cm)
Power Requirements	11-32 VDC <1 amp @ 28 VDC
Transmit Power	1.5 Watt (avg)
Transmission Rate	2.4 Kbps, voice and data (10 Kbps compressed)
Operating Frequency	1.616-1.6265 GHz
Inputs/Outputs	POTS (excl TRACKER) RS-232, DSC, DC level
Connectors	TNC-Iridium, BNC-GPS 62-pin high-density D-sub
Quick Release Tray	Aluminum, 4-#6 holes 10.75 x 2.9 x 0.75 in. (27.3 x 7.4 x 1.9 cm)



TSO Iridium Antenna	Specifications
TSO	C144
Dimensions	3.5 in. dia x 0.8 in. high (8.9 cm high x 2.0 cm high)
Weight	0.5 lb (0.2 kg)
Connector	TNC female

