

Sky Connect TRACKER-SOP™

Mission Control.



Properly managing a fleet, from one to a hundred aircraft, requires constant awareness of where each one is flying, knowledge of any urgent conditions, and the ability to talk with the crew whenever necessary.

TRACKER-SOP combines automatic aircraft tracking with critical status reporting and integrated voice telephone service in a compact easy to install system.

Sky Connect TRACKER transmits GPS position reports via the Iridium satellite constellation from anywhere over the entire globe.

Using the integrated buttons on the dialpad, flight crews can report urgent conditions with a simple button press. Upon activation, the rate of automatic tracking reports increases for the duration of the condition.

To minimize cockpit workload, up to 15 preprogrammed phone numbers can be dialed with a single press of the CALL button. The phone audio can be integrated with the crew headsets or the entire aircraft intercom.

Manage your fleet. Control your mission.



Sky Connect TRACKER-SOP™

TRACKER SOP DialPad	Specifications
Weight	0.4 lbs (0.2 kg)
Dimension	5.7" x 2.8" x 1.1" (14.6 x 7.1 x 2.9 cm)
Depth Behind Panel	2.1" (5.3 cm)
Event/Status Input	Two latching, one momentary
Preprogrammed Dialing	Up to 15-position rotary, one momentary
Power	8-32 VDC @ 80ma max
Mount	Dzus rail
Connectors	DB-15 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'
Vibration	Section 8 Cat R
Temp Variation	Section 5 Cat C
Power Input	Section 16 Cat B
DC Spike	Section 17 Cat B
Conducted Emissions	Section 21 Cat B
Radiated Emissions	Section 21 Cat B
Weight incl. Tray	3.1 lbs (1.4 kg)
...with Tracker	3.3 lbs (1.5 kg)
...with Internal GPS	3.4 lbs (1.5 kg)
Dimension	10.25" x 4.6" x 2.7" (26.0 x 11.7 x 6.9 cm)
...in Tray	10.75" x 5.0" x 2.9" (27.3 x 12.7 x 7.4 cm)
Power Requirements	11-32 VDC <1 amp @ 28VDC
Transmit Power	1.5 Watts (avg)
Transmission Rate	2.4Kbps, voice & data (10Kbps 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 Den. D-sub
Quick Release Tray	Aluminum, 4-#6 holes 10.75" x 2.9" x 0.75" (27.3 x 7.4 x 1.9 cm)



TSO Iridium Antenna	Specifications
TSO	C144
Dimension	3.5" dia x 0.8" high (8.9 dia x 2 high cm)
Weight	0.5 lb (0.2 kg)
Connector	TNC female

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