

# Sky Connect FLIGHTDECK™

## Call in Cruise.



Using the full-function panel mounted dialer, FLIGHTDECK puts a phone in the cockpit. Perfect for any type of fixed-wing aircraft or helicopter, FLIGHTDECK can be connected to the aircraft's intercom system so that the phone can be used by a single crew member or shared by all intercom stations.

For cabin-class installations, FLIGHTDECK can be combined with a new or existing EXECUTIVE system, allowing access to the Iridium telephone system by either the pilots or passengers.

FLIGHTDECK uses the Sky Connect certified Iridium transceiver system that provides upgradeable services in one lightweight, easy to install box.

Additional services include TRACKER, internal GPS, and data and fax options.

Your FLIGHTDECK phone connects through the Iridium telephone network that blankets the globe with the largest satellite network used by corporate, commercial, and military aviation.

***On the flightdeck, it's your call!***



# Sky Connect FLIGHTDECK™

## FLIGHTDECK Dialers

<b>nat PTA12 Dialpad</b>	Airborne Telephone Dialer/Adapter DO-160D
Regulatory Compliance	DO-160D
Weight	0.5 lbs (0.23 kg)
Dimension	5.8" x 4.3" x 1.1" (14.6 x 10.9 x 2.9 cm)
Behind Panel	4.8" wide (12.2 cm)
Mount	Dzus
Power	27.5 VDC nominal, 500mA
<b>nat PTA12-100 Dialpad w/Display</b>	Airborne Telephone Dialer/Adapter (Available 4th qtr 2004)
Regulatory Compliance	DO-160D
Weight	0.8 lbs (0.4 kg)
Dimension	5.8" x 4.3" x 1.5" (14.6 x 10.9 x 3.8 cm)
Behind Panel	4.8" wide (12.2 cm)
Mount	Dzus
Power	27.5 VDC nominal, 200mA



## Sky Connect Transceiver

<b>Specifications</b>	
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

<b>Specifications</b>	
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

**Sky Connect LLC**  
 Sales +1 703 404 4400  
 Fax +1 703 589 1069  
 info@skyconnect.aero  
 www.skyconnect.aero

