

AvtechTyee interphone handset / cradles are installed on many of the world's regional aircraft such as the Embraer EMB-120, ERJ-145, 170, 190, the Bombardier family of regional jets, Bombardier Dash 8, Saab 340, 2000 and the CASA / IPTN CN-235 aircraft.



INTERPHONE HANDSET / CRADLES

AvtechTyee's handset/cradles are designed to interface directly with AvtechTyee's Passenger Address and Cabin Interphone amplifiers and also interface with Honeywell's Primus line of flight deck audio equipment.

- Eliminates mechanical failures by incorporating a novel magnetic latching mechanism to retain the handset into the cradle
- Available in black, beige and gray
- Cradle assembly incorporates a magnetic on-hook/off-hook mechanism to detect when the handset is removed from the cradle
- Cradle incorporates interphone control switches with LED status indicators used to activate, PA, Attendant to Attendant (when more than one attendant exists), Pilot and Emergency communications channels
- Handset has built in PTT switch used for PA announcements
- Handset has integrated noise canceling microphone

Since 1969 AvtechTyee has been a leader in the design, development, and manufacture of electronic systems for the aerospace industry, with a focus in three product groups: Audio, Avionics and Structures.

AvtechTyee products are flying onboard 42 aircraft types within the air transport, regional commuter, and business jet sectors, serving 450 customers in 49 countries of the world.

Our versatility in supporting aerospace electronics requirements ranges from the custom design and manufacturing of complex power supplies to complete Digital Audio Systems.

AvtechTyee is certified to ISO9001, AS9100 and the FAA's ACSEP. Product Support includes in-house repair services (FAA approved Repair Station #IG6R621N), loaner/exchange programs, and both in-house and offsite airline training.

AvtechTyee Corporation

6500 Merrill Creek Parkway
Everett, Washington 98203

www.AvtechTyee.com

info@AvtechTyee.com

Tel: (425) 290-3100

Fax: (425) 513-6474



SPECIFICATIONS

Requirement	DO-160C Section	Category	Remarks
Temperature and Altitude	4	A1	Operating Temp. -40 to +55 C Ground Survival Temp. -55 to +85 C Altitude -1,300 to 15,000 feet Decompression 50,000 feet
In-Flight Loss of Cooling	4.5.4	-	Not Applicable
Temperature Variation	5	C	
Humidity	6	A	
Operational Shocks and Crash Safety	7	(Applies)	Shall meet requirement when oriented with handset facing aft or with handset facing either side of the aircraft.
Vibration	8	CMS	
Explosion Proofness	9	E1	In an Environment II
Waterproofness	10	X	
Fluids Susceptibility	11	X	
Sand and Dust	12	X	
Fungus Resistance	13	F	
Salt Spray	14	X	
Magnetic Effect	15	X	
Power Input	16	Z	
Power Interrupt			Shall withstand power interrupts of up to 200 mSec without affecting its performance and without loss of System operation or spurious alerts per DO-160, Section 16, paragraph 16.5.2.3 and without the need to reset the System.
Voltage Spike	17	A	
Audio Frequency Conducted Susceptibility, Power Input	18	Z	
Induced signal Susceptibility	19	A	
R. F. Susceptibility, Radiated & Conducted	20	U	
Emission of RF Energy	21	Z	
Lightning Induced Transient Susceptibility	22	A2C2	
Lightning Direct Effects	23	X	
Icing	24	X	