Interior Components



Dual HI-LO Table Pedestal Unit

FEATURES

- Electrical actuated
- Full reliable manual override function to lower the table due to independent bypass release system and hydraulic system design. (no motor jamming, no spindle blockage)
- Small pillar diameter (163 x 163mm [6.5"]) allows smart design of coverings and shrouds
- Slim table top design (no mechanical synchronization required)
- Dual Overload protection (electrical and mechanical)
- High loadable (testet up to 900kg down load per pedestal)
- Actuator unit fully enclosed in the pillar





TECHNICAL SPECIFICATION

• Power Input: 24-28 VDC,

• Power Consumption 5 Amp.

Complies with RTCA DO160 Section 4,7,8,21

Highest Position 2 x Stroke + 60mm (min Stroke = 250 mm

• Lowest Position: 60mm + Stroke

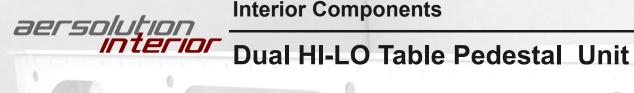
• Variable distance between pedestal unit

• Weight: 17 kg (Without optional customized base- and top plate)



Cannot find your required feature, please do not hesitate to contact us.

Aircraft Components	Engineering & Certification	Projectmanagement & Completion Support
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DO 160G Qualification Details

Qualification Requirement	Category
Temperature	DO-160G 4, Category A1
Altitude	DO-160G 4.6.1, Category A1
Operational Shocks and Crash Safety (Impulse)	DO-160G 7.2, Category B, Test Type R
Operational Shocks and Crash Safety (Sustained)	DO-160G 7.3, Category B, Test Type R
Vibration	DO-160G 8.5.2, Category S
Emission of Radio Frequency energy (Conducted)	DO-160G 21, Category M
Emission of Radio Frequency energy (Radiated)	DO-160G 21, Category M

Performed Structural Testing (Single Pedestal)

Туре	Load direction	Load Application	Max Force	
Inertia	9g Horizontal FWD, AFT, Side	Pedestal in low position Cons. Testmass Table Top and shroud app. 80kg Factor 1.15	10155 N	Pilar, stored position Palet Altached to rig Palet Rig stachment area (colts or clamp) Palet 300 mm
Inflight	8.1g Down	Pedestal in up position Cons. Payload for Table Top and shroud app. 80 kg Factor 1.15	7950 N	Pillar deployed position
Inflight	5.4g Up	Pedestal in mid position Cons. Payload for Table Top and shroud app. 80kg Factor 1.15	6095 N	Pillar, deployed position
Abuse	300 lbs Push	Pedestal in up position Table edge form center: 900 mm Loading Area: (2" x 2") Factor 1.15	1535 N 300 lbs	F = 1324 N Reg attachment area (Cotts or clamp) 2 Pillar, deployed position Aftirched In rin Aftirched In rin
Abuse	300 lbs Down	Pedestal in up position Table edge form center: 840 mm Loading Area: (12" x 12") Factor 1.15	1535 N 300 lbs	Pillar deployed position Pallet Pallet