

Single HI-LO Table Pedestal Unit**FEATURES**

- Electrical actuated
- Full reliable, toolless manual override function to lower the table due to independent bypass release system and hydraulic system design. (no motor jamming, no spindle blockage)
- **Pillar dimensions 163 x 163mm (6.45") ensures high table stability**
- Slim table top design (no mechanical synchronization required)
- Dual Overload protection (electrical and mechanical)
- High loadable (tested 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 DO160G Section 4,7,8,21
- Highest Position $2 \times \text{Stroke} + 60\text{mm}$ (min Stroke = 250 mm)
- Lowest Position: $60\text{mm} + \text{Stroke}$
- Weight: 18 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

Type	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
Inflight	8.1g Down	Pedestal in up position Cons. Payload for Table Top and shroud app. 80 kg Factor 1.15	7950 N
Inflight	5.4g Up	Pedestal in mid position Cons. Payload for Table Top and shroud app. 80kg Factor 1.15	6095 N
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
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

