

Parachute Test Stand For Use With Dummies

>FPAG1<



Testing of parachutes with forced release device

Test of the parachute's behaviour in single or in stick dropping

- > Dropping either through the right-hand or the left-hand parachuting door, as appropriate, or through both doors simultaneously (synchronous drop)
- > Both sides max. 5 dummies each
- > Electrical power supply from integrated 28VDC batteries - independent from on-board supply

GENERAL INFORMATION

- > Control of the drop procedure via remote control - connectable at the two front sides of the test stand
- > Acceleration via pneumatic cylinder - transport using conveyor chain (electric motor driven)
- > Mounting in the aircraft on two standard palletes and the tie-down points of the main frame (designed for Transall C-160)

TECHNICAL DATA

<p>> Electrical power supply:</p> <p>28VDC</p>	<p>> Weight of the dummies:</p> <p>max. 150kg/dummy</p>
<p>> Conveyor chain drive:</p> <p>Power: 0.54kW Speed: 240rpm Torque: max. 20Nm max. 80Nm (short-time)</p>	<p>> Drop velocity:</p> <p>2.2m/s</p>
<p>> Drop intervals:</p> <p>0.75s 1.00s 1.25s 1.50s single</p>	<p>> Charge pressure (air):</p> <p>min. 8bar max. 10bar</p>
	<p>> Dimensions and weight</p> <p>Length: 7600mm Width: 2600mm Height: 2120mm</p> <p>Weight (total): 2900kg</p>

OPTIONS

A wide range of options is available to fulfil our customers' requirements.