

Radar Altimeter Test Set

ASI-332

Description of Operation:

The ASI-332 Test Set was constructed to test the Honeywell YG7500/YG7600 family of Radar Altimeter Systems.

Equivalent OEM: Honeywell

Equivalent MN: UG2559AB02-10

Equivalent PN:

Units Tested:

HG7501AB01, 2

HG7501AD02, 4

HG7501AE01

HG7501AF02

HG7502AC01, 2, 3, 4

HG7505AB01, 2

HG7601AC01

HG7602AC01, 2, 3, 4, 5

HG7605AC01, 2

The Test Set performs the following functions:

1. Tester Power switch for Test Set and internal power supplies.
2. Test points on Test Set allow for signal inputs and outputs of altimeter components to be monitored.
3. Selects test mode and interconnects power and signal lines as needed.
4. Panel Meter for measuring of various power supply and signal voltages on the YG7500/YG7600 Radar Systems.
5. Self Test Switch to activate Altimeter Self Test Circuit.
6. Range Thumbwheel Switches for Range accuracy tests of Receiver-Transmitter Unit.
7. +28 VDC and +5 VDC power sources are provided for indicator dial lighting.
8. Remote Indicator Cable for connecting to Remote Indicator.
9. Tracker Test Cable for connecting the Test Set to test points in range computer.
10. Test Set accepts +26-30 VDC power supply input.

Equipment Supplied:

ASI-33-2A 10048643-101

ASI-33-2B 10066683-101

ASI-33-2C 10066682-101

Cable, Tracker

Cable, Remote Indicator

Cable Assy, RT

Equipment Specifications:

Height: 3.00" Width: 12.00" Depth: 8.00"

Optional Equipment

ASI-332

UG2926AA

Calibration Unit

Calibration Unit

ASI-333

Description of Operation:

The ASI-333 Calibration Unit Set provides for online, in aircraft testing of various 7502 Radar Altimeter Systems.

Equivalent OEM: Honeywell

Equivalent MN: UG2926AA01

Equivalent PN:

Units Tested:

HG7502BC02

HG7502BC03

HG7502BC04

The Test Set performs the following functions:

1. Supplies 115 VAC power requirement on interconnect assembly, 1A1.
2. Altitude Slew function for calibration of ground proximity warning system or flight control systems.
3. Manual program altitude signal of Receiver-Transmitter assembly.
4. Supply test points to enable monitoring of various signals.
5. Must be used with ASI-332 (UG2559AB) Radar Altimeter Test Set.

Equipment Supplied:

ASI-33-3A 1066670-101

ASI-33-3B 1066671-101

ASI-33-3C 1066672-101

ASI-33-3D 1066673-101

Cable, W1

Cable, W2

Cable, W3

Cable, W4

Equipment Specifications:

Height: 3.00" Width: 12.00" Depth: 8.00"

Optional Equipment

ASI-332

UG2559AB

Radar Alt Test Set

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