

BDI-36 Test Panel

ASI-123

OEM Equivalent: Rockwell Collins
MN: NMN
PN: NPN
Manual: 523-0766802
Manual Figure: 5-6

UUT: BDI-36

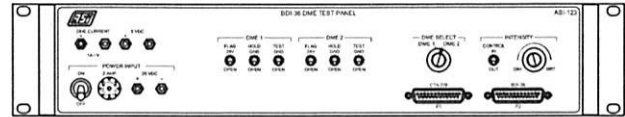
Size: H: 3.50" W: 19.00" D: 7.00"
Pwr: 28 VDC

Description:

The ASI-123 Test Panel tests the DME portion of the Collins BDI-36 Bearing Distance Indicator. The test panel provides switching, test points, and interconnection between the uut and an ARINC 568 DME data source in order to perform the test procedure outlined in the unit maintenance manual.

The ARINC 568 source can be either a Colt CTS-703 with CTA-339B1 Test adapter (ASI-12-3B) or an ASI-176-1 with an ASI-12-3C1 cable.

For more information on fully testing the BDI-36 and RMI-36 see the ASI-187 catalog page.



Optional Equipment:

ASI MN	OEM PN	Description
ASI-12-3B	NPN	Cable, ASI-123 to Colt CTS-703 / CTA-339B1
ASI-12-3C	NPN	Cable, ASI-123 to ASI-176A / ASI-176BR
ASI-12-3C1	NPN	Cable, ASI-123 to ASI-176-1
ASI-165	522-3498-000	Synchro Simulator (CSS-10)
ASI-167	622-5330-001	Synchro Simulator (978F-2S)
ASI-176-1	NPN	Digital DME Indicator Test Set
ASI-187	622-2914-001	RMI Test Panel (970E-1)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-12-3A	NPN	Cable, ASI-123 to BDI-36

CAD-870G Test Panel

ASI-124

OEM Equivalent: Rockwell Collins
MN: NMN
PN: NPN
Manual: 523-0774234
Manual Figure: 5-6

UUT: CAD-870G

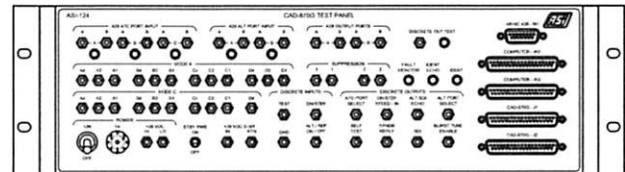
Size: H: 5.25" W: 19.00" D: 7.00"
Pwr: 28 VDC

Description:

The ASI-124 Test Panel provides interface between the CAD-870G and the data bus simulator required for testing. The ASI-124 duplicates the performance of the CAD-870G Test Fixture shown in the Collins maintenance manual. The test panel includes test points, discretes, and interconnection required for testing.

The ASI-124 is supplied with two CAD-870G test cables (ASI-12-4A / ASI-12-4B). The ASI-401-1 is required to interface the ASI-124 to the data bus simulator (PC). The test software required for testing must be purchased direct from Collins to ensure the latest revision level.

See the ASI-2000 and ASI-200-14 catalog pages for alternate test equipment available from ASI for testing the CAD-870G.



Test Software:

523-0777-531 CAD-870G Test Program (PC)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-401-1	NPN	Pro Line PC Interface Panel
CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-12-4A	NPN	Cable, ASI-124 to CAD-870G (P1)
ASI-12-4B	NPN	Cable, ASI-124 to CAD-870G (P2)

VHF-21/22/422 Test Panel

ASI-125

OEM Equivalent: Rockwell Collins
MN: NMN
PN: NPN
Manual: 523-0771854 / 523-0773785
Manual Figure: 5-25 / 5-24

UUT: VHF-21A/B / VHF-22A/B/C/D
VHF-422A/B/C/D

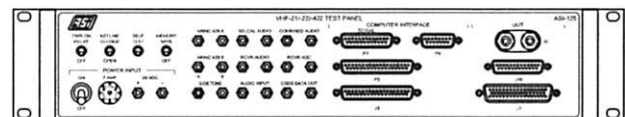
Size: H: 3.50" W: 19.00" D: 7.00"
Pwr: 28 VDC

Description:

The ASI-125 Test Panel provides interface between the VHF-21/22/422 and the data bus simulator required for testing. The ASI-125 duplicates the performance of the Interface Test Fixture shown in the Collins VHF-21/22 and VHF-422 maintenance manuals. The test panel includes all test points, and discretes required for testing.

The ASI-125 requires optional test cables for interconnection of the uut. The ASI-12-5B cable allows manual (non-computer) control using a CTL-22. The ASI-401-1 is required to interface the ASI-125 to the data bus simulator (PC). The test software required for testing must be purchased direct from Collins to ensure the latest revision level.

For test equipment required for VHF-21 remote COMM control testing see the ASI-217 catalog page. See the ASI-2000, ASI-200-3, and ASI-200-11 catalog pages for alternate test equipment available from ASI for testing the VHF-21, VHF-22, and VHF-422.



Test Software:

523-0777-552 VHF-21/22 Test Program (PC)
523-0777-553 VHF-422 Test Program (PC)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-12-5A	NPN	Cable, ASI-125 to VHF-21A/B
ASI-12-5B	NPN	Cable, ASI-125 to CTL-22 (Manual Control)
ASI-12-5C	NPN	Cable, ASI-125 to VHF-22A/B/C/D
ASI-12-5D	NPN	Cable, ASI-125 to VHF-422A/B/C/D
ASI-217	NPN	VHF-20/21 Test Panel (Manual Control)
ASI-401-1	NPN	Pro Line PC Interface Panel
CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)

Equipment Supplied:

ASI MN	OEM PN	Description
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