

ADF Fault Isolation Panel

ASI-184

OEM Equivalent: Rockwell Collins
MN: 477V-3
PN: 792-6209-001
Manual: 523-0762771
Manual Figure: 1

UUT: DF-206 ADF System
51Y-7 / 51Y-7A

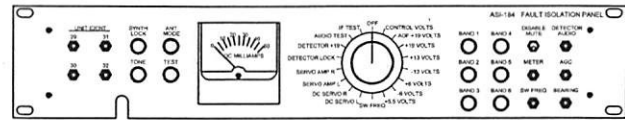
Size: H: 3.50" W: 19.00" D: 6.00"
Pwr: From UUT

Description:

The ASI-184 Fault Isolation Panel isolates faults when testing the Collins DF-206 ADF System. Complete system checkout can be accomplished using this unit in conjunction with the 477U-2, 477V-2, and a rf signal generator.

The ASI-184 provides signals to operationally test the various subassemblies of the DF-206. Resultant outputs can be monitored either aurally or on a bearing indicator. Monitoring functions allow checking of the system operating, switching, and control voltages. The front panel meter provides a visual indication of each monitored voltage.

The ASI-185 includes a pendant cable for interconnection of the unit under test.



Equipment Supplied:

ASI MN	OEM PN	Description
ASI-19-2D	554-6109-004	Low Capacitance Sense Antenna Adapter
ASI-192	522-2710-000	ADF Antenna Simulator (477U-2)
ASI-193	522-2711-002	ADF Test Panel (477V-2)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-19-2D	554-6109-004	Low Capacitance Sense Antenna Adapter
ASI-192	522-2710-000	ADF Antenna Simulator (477U-2)
ASI-193	522-2711-002	ADF Test Panel (477V-2)

ADF Test Panel

ASI-185

OEM Equivalent: Rockwell Collins
MN: 970G-1
PN: 622-2854-001
Manual: 523-0766184 / 523-0773906
Manual Figure: 6-1 - 6-3 / 5-27 - 5-29

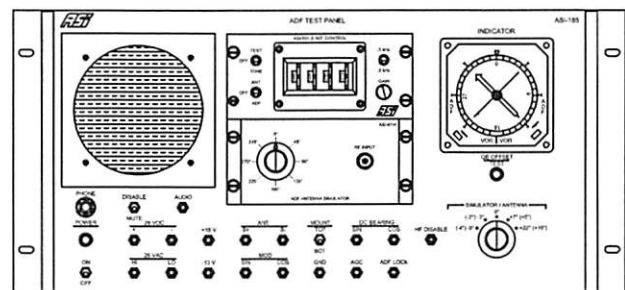
UUT: ADF-60A/B / ADF-462
ANT-60A/B / ANT-462A/B

Size: H: 8.75" W: 19.00" D: 12.00"
Pwr: 5 VDC / 28 VDC / 26 VAC 400Hz

Description:

The ASI-185 ADF Test Panel provides a means to test, align, and repair the Collins ADF-60 and ADF-462. Testing of the ADF-462 also requires the optional ASI-135 test panel. Interconnection of the unit under test is provided by a pendant cable.

The Test Panel requires a user supplied Control (614L-11/12/13 / ASI-501-5), RMI (332C-10 / RMI-36) and an ADF Antenna Simulator (970W-1 / ASI-61 / ASI-61W) for proper operation. These are shown installed but are not provided with the test panel.



Equipment Supplied:

ASI MN	OEM PN	Description
ASI-18-5A	629-9558-001	Cable, ASI-185 to 332C-10 / RMI-30
ASI-18-5B	629-9557-001	Cable, ASI-185 to RMI-36

Optional Equipment:

ASI MN	OEM PN	Description
ASI-18-5C	687-7902-001	Cable, ASI-185 to ANT-60B / ANT-462B
ASI-18-5D	NPN	Cable, ASI-185 to ASI-61 (Not req for ASI-61W)
ASI-61W	622-3099-001	ADF Antenna Simulator (970W-1)
ASI-135	NPN	ADF-462 Test Panel
ASI-278	622-3874-001	ADF Antenna Tester (969W-1)
ASI-501-5	NPN	ADF Control Head Simulator

ADF Antenna Simulator

ASI-186

OEM Equivalent: Rockwell Collins
MN: 970W-1
PN: 622-3099-001
Manual: 523-0766184 / 523-0773906
Manual Figure: 6-22,6-25,6-26 / 5-21,5-24,5-25

UUT: ADF-60A / ADF-60B
ADF-462 / DFR-206A

Size: H: 2.62" W: 5.75" D: 5.00"
Pwr: From Test Panel

Description:

The ASI-186 ADF Antenna Simulator provides the simulated directional ADF signal required for testing and alignment of the Collins ADF-60A/B, ADF-462, and DFR-206A ADF Receivers. See the ASI-61 for a functionally equivalent ADF Antenna Simulator packaged in a standard 19" rack mount chassis. The ASI-186 is shown installed in the ASI-185 (970G-1) ADF Test Panel above.

The ASI-186 has been replaced by the ASI-61W.
See the ASI-61W catalog page for more info.

Optional Equipment:

ASI MN	OEM PN	Description
ASI-61W	NPN	ADF Antenna Simulator (970W-1 Equivalent)
ASI-185	622-2854-001	ADF Test Panel (970G-1)
ASI-375-1	622-7345-001	ADF Test Panel (970G-2)
ASI-375-2	622-7345-002	ADF Test Panel (970G-2)
ASI-0412-001	NPN	ADF Antenna Simulator Breakout/Test Box

RMI Test Panel

ASI-187

OEM Equivalent: Rockwell Collins
MN: 970E-1
PN: 622-2914-001
Manual: 523-0767201
Manual Figure: 1-1

UUT: 332C-4 / 332C-8 / 332C-10
RMI-30 / RMI-36 / BDI-36

Size: H: 12.25" W: 19.00" D: 9.00"
Pwr: 28 VDC / 115 VAC 400Hz

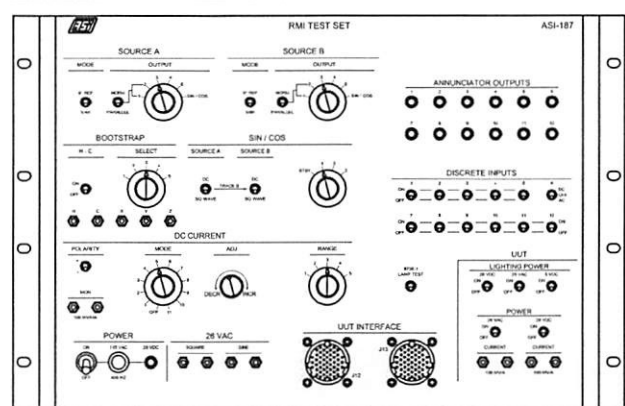
Description:

The ASI-187 RMI Test Panel is used in conjunction with a Synchro Source (ASI-165 or ASI-167) and a digital voltmeter to facilitate testing and troubleshooting of Collins RMI's (Radio Magnetic Indicators).

The ASI-187 requires optional ASI-18-7X cables for interconnection of the uut.

Optional Equipment:

ASI MN	OEM PN	Description
ASI-18-7A	NPN	Cable, ASI-187 to ASI-165 or ASI-167
ASI-18-7B	NPN	Cable, ASI-187 to 332C-4
ASI-18-7C	NPN	Cable, ASI-187 to 332C-8
ASI-18-7D	NPN	Cable, ASI-187 to 332C-10 / RMI-30
ASI-18-7E	NPN	Cable, ASI-187 to 332C-10B
ASI-18-7F	NPN	Cable, ASI-187 to RMI-36 / BDI-36 / AAR-3337
ASI-18-7H	NPN	Cable, ASI-187 to 36105 / AAR-2105
ASI-18-7I	NPN	Cable, ASI-187 to 36135 / AAR-2107
ASI-165	622-5330-001	Synchro Source (CSS-10)
ASI-167	522-3498-000	Synchro Source (978F-2S)



Equipment Supplied:

ASI MN	OEM PN	Description
ASI-18-7A	NPN	Cable, ASI-187 to ASI-165 or ASI-167
ASI-18-7B	NPN	Cable, ASI-187 to 332C-4
ASI-18-7C	NPN	Cable, ASI-187 to 332C-8
ASI-18-7D	NPN	Cable, ASI-187 to 332C-10 / RMI-30
ASI-18-7E	NPN	Cable, ASI-187 to 332C-10B
ASI-18-7F	NPN	Cable, ASI-187 to RMI-36 / BDI-36 / AAR-3337
ASI-18-7H	NPN	Cable, ASI-187 to 36105 / AAR-2105
ASI-18-7I	NPN	Cable, ASI-187 to 36135 / AAR-2107
ASI-165	622-5330-001	Synchro Source (CSS-10)
ASI-167	522-3498-000	Synchro Source (978F-2S)