

HF-9000 System Test Panel

ASI-777

OEM Equivalent: Rockwell Collins
MN: TE-9210
PN: 822-1429-001
Manual: 523-0775753
Manual Figure: Supplement Fig. 2

UUT: HF-9000 / AN/ARC-217(V) HF System
HF-9030/-9031/-9032/-9034/-9070/-9072
HF-9010/-9012 / HF-9040/-9041/-9042
Size: H: 21.00" W: 19.00" D: 12.00"
Pwr: 28 VDC

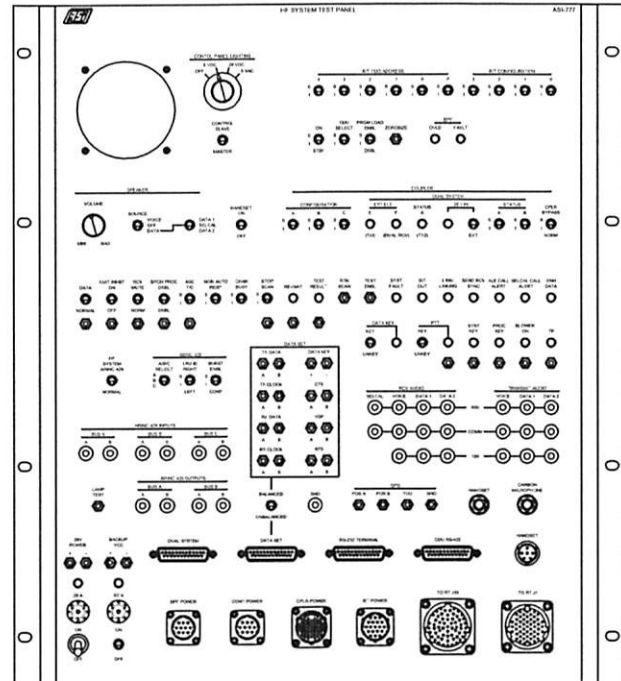
Description:

The ASI-777 Test Panel provides a means to operationally test and configure the various components of the Collins HF-9000 / AN/ARC-217(V) HF System. The ASI-777 incorporates the functions of the TE-9200 System Test Set and the TE-9600 ARINC Test Set into a single unit. This allows the ASI-777 to function test all of the Receiver-Transmitters (HF-903X, HF-907X), Controls (HF-901X), and Antenna Couplers (HF-904X) of the HF-9000 System.

ASI-777 Test Panel will test all functions of the HF-9000 system including the MIL-STD-1553B, ARINC 429 and Automatic Link Establishment (ALE) functions. MIL-STD-1553B Bus Controller, Datatrac 200 ARINC 429 Controller (ASI-DT200) and other standard test equipment is required.

Testing the HF-9040 and HF-9041 Antenna Couplers require the 172H-18 or 172H-18A Antenna Simulator (ASI-207-1 or ASI-329-3). Testing the HF-9042 also requires the 172H-21A Antenna Simulator (ASI-329-8).

The ASI-777 Test Panel includes six test interconnect cables and four fiber-optic cables required for testing.



Optional Equipment:

ASI MN	OEM PN	Description
ASI-83C	NPN	Audio Watt Meter
ASI-207-1	622-0180-001	Antenna Simulator, Shunt (172H-18)
ASI-329-1	522-4515-001	Antenna Simulator, Long-Wire 85 Ft (172H-8)
ASI-329-3	622-7148-001	Antenna Simulator, Shunt (172H-18A)
ASI-329-8	622-1732-001	Antenna Simulator, 16 Ft Whip (172H-21A)
ASI-777-91	752-5809-001	RF Switch Box
ASI-777-92	647-7742-001	RF Switch Box (Preferred)
ASI-778	622-9420-001	HF-9000 Extender Kit (TE-9400)
ASI-DT200	01-1400-00	Datatrac 200 Emulator (ARINC-429 / CDSB)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-77-7A	988-9774-001	Cable, RT Control (W1)
ASI-77-7B	988-9775-001	Cable, RT Control (W2)
ASI-77-7C	988-9776-001	Cable, RT Power (W3)
ASI-77-7D	988-9777-001	Cable, Coupler Power (W4)
ASI-77-7E	988-9778-001	Cable, Control Power (W5)
ASI-77-7F	988-9779-001	Cable, Bandpass Filter Power (W6)
ASI-77-7G	751-7477-001	Cable, Fiber-Optic (Qty-4)

HF-9000 Extender Kit

ASI-778

OEM Equivalent: Rockwell Collins
MN: TE-9400
PN: 622-9420-001
Manual: 523-0775753
Manual Figure: Supplement Fig. 4-1

UUT: HF-9000 / AN/ARC-217(V) HF System
HF-9030/-9031/-9032/-9034/-9070/-9072
HF-9010/-9012 / HF-9040/-9041/-9042

Description:

The ASI-778 HF Extender Kit provides a means to extend the modules and subassemblies of the HF-9000 / AN/ARC-217(V) for testing and troubleshooting.

The HF Extender Kit includes 3 circuit card extender boards and 17 extender cables.

Optional Equipment:

ASI MN	OEM PN	Description
ASI-777	822-1429-001	HF System Test Panel (TE-9210)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-77-8A	751-3081-001	Extender Card, A1
ASI-77-8B	751-3083-001	Extender Card, A2
ASI-77-8C	751-0998-001	Extender Card, A3
ASI-77-8D	751-2412-001	Extender Cable, W1
ASI-77-8E	751-2412-002	Extender Cable, W13
ASI-77-8F	751-2412-003	Extender Cable, W14
ASI-77-8G	751-2413-001	Extender Cable, W2
ASI-77-8H	751-2413-002	Extender Cable, W15
ASI-77-8J	751-2414-001	Extender Cable, W3
ASI-77-8K	751-2415-001	Extender Cable, W4
ASI-77-8L	751-2416-001	Extender Cable, W5
ASI-77-8M	751-2417-001	RF Cable, W6
ASI-77-8N	751-2417-002	RF Cable, W16
ASI-77-8P	751-2422-002	RF Cable, W7
ASI-77-8Q	751-2423-001	Extender Cable, W8
ASI-77-8R	751-2424-001	Extender Cable, W9
ASI-77-8S	751-2425-001	Extender Cable, W10
ASI-77-8T	751-2426-001	Extender Cable, W11
ASI-77-8U	751-2427-001	Extender Cable, W12
ASI-77-8V	751-5126-001	Extender Cable, W17

Fault Data Test Unit

ASI-799

OEM Equivalent: Bendix
MN: AXT-4A
PN: 8055692-0401
Manual: 1104JT / 34-41-63
Manual Figure: 1

UUT: RTA-4A

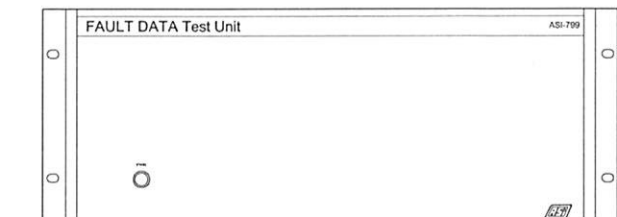
Size: H: 7.00" W: 19.00" D: 14.00"
Pwr: 120 / 240 VAC 47-440 Hz

Description:

The ASI-799 Fault Data Unit is a computer-controlled test adapter panel that works in conjunction with the ASI-742 (RCT-4A) Radar System Test Panel and a data terminal to test the RTA-4A. The ASI-799 simulates the aircraft Central Fault Display System (CFDS) computer and the Multipurpose Control and Display Unit (MCDU). It also displays maintenance information on the data terminal.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-79-9A	8057258-0501	Cable, ASI-799 to ASI-742 (RCT-4A)



Optional Equipment:

ASI MN	OEM PN	Description
ASI-742	2041589-0401	RDR-4A Radar System Test Panel (RCT-4A)