

RF High Voltage Test Fixture			ASI-207-3
OEM Equivalent: Rockwell Collins MN: NMN PN: NPN Manual: 523-0810646 Manual Figure: Table 9001	UUT: CPL-920D (822-0897-004 / -020)	Equipment Supplied:	
	Size: H: 7.50" W: 5.25" D: 22.50" Pwr: From UUT	<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
Description: The ASI-207-3 RF High Voltage Test Fixture works in conjunction with a Dummy Antenna Shunt (172H-18/-18A) and associated bench equipment to test the Collins CPL-920D HF Antenna Couplers with enhanced lighting protection (-004 /-040). The ASI-207-3 must be calibrated annually with the same Dummy Antenna Shunt (172H-18/18A) that will be utilized during testing of the CPL-920D. It is recommended that this calibration be done by Rockwell Collins or Avionics Specialist, Inc.		Optional Equipment:	
		<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
		ASI-207-1	622-0180-001 Dummy Antenna Shunt (172H-18)
		ASI-329-3	622-7148-001 Dummy Antenna Shunt (172H-18A)
		ASI-700-4	NPN HF/VHF Discrete Function Interface Unit
		ASI-70-04C	NPN ARINC 753 HFDL Interface Panel
		ASI-711	NPN 500 Ohm T-Attenuator
Control Card Test Set			ASI-207-4
OEM Equivalent: Rockwell Collins MN: 967R-2 PN: 822-1176-001 Manual: 523-0810646 Manual Figure: Table 9001	UUT: CPL-920D	Equipment Supplied:	
	Size: H: 7.00" W: 16.00" D: 17.00" Pwr: 115 VAC 60 Hz	<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
Description: The ASI-207-4 Control Card Test Set works in conjunction with a RS232 Computer Terminal (HP700/70 or equivalent) and associated bench equipment to test the Rockwell Collins CPL-920D HF Antenna Coupler Control Card (A4). The Control Software (091-1550-XXX) required for testing the LRU is internally programmed in the ASI-207-4.		Optional Equipment:	
		<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
		ASI-20-74A	988-5561-001 Cable: P4 / 40 Positions (W1)
		ASI-20-74B	988-5562-001 Cable: P1 / 40 Positions (W2)
		ASI-20-74C	988-5563-001 Cable: P2 / 26 Positions (W3)
		ASI-20-74D	988-5564-001 Cable: P3 / 26 Positions (W4)
		ASI-20-74E	988-5565-001 Cable: R82 / Test Clip (W5)
		ASI-20-74F	988-5566-001 Cable: J2 / 34 Positions (W14)
		ASI-20-74G2	988-5567-002 Cable: J4 / 26 Positions (W15)
		ASI-20-74H	988-5568-001 Cable: J1 / 50 Positions (W16)
		ASI-20-74J	988-5569-001 Cable: J3 / 24 Positions (W9)
		ASI-20-74N	NPN Special Test Connector for Manual Self Tests
Power Supply Test Set			ASI-207-5
OEM Equivalent: Rockwell Collins MN: TE1 PN: 752-8896-001 Manual: 523-0810646 Manual Figure: 9004	UUT: CPL-920D	Equipment Supplied:	
	Size: H: 3.00" W: 12.00" D: 9.00" Pwr: 115 VAC 400 Hz	<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
Description: The ASI-207-4 Control Card Test Set works in conjunction with associated bench equipment to test the Rockwell Collins CPL-920D Power Supply.		<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
		ASI-20-75A	NPN Cable: W1
		ASI-20-75B	NPN Cable: W2
HFDL MIMS Discriminator Test Fixture			ASI-207-6
OEM Equivalent: Rockwell Collins MN: TE2 PN: 989-2159-001 Manual: 523-0810646 Manual Figure: 9005	UUT: CPL-920D	Equipment Supplied:	
	Size: H: 3.00" W: 12.00" D: 8.00" Pwr: 115 VAC 60 Hz	<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
Description: The ASI-207-6 HFDL MIMS Discriminator Test Fixture works in conjunction with other bench equipment to test the Rockwell Collins CPL-920D MIMS/Sensor Circuit Card (A3). The Software (8914-0310510-012) required for testing the LRU is internally programmed in the ASI-207-6.		<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
		ASI-20-76A	NPN Cable: Ribbon (W1)
		ASI-20-76B	NPN Cable: Test Pin (W2)
		ASI-20-76C1	989-2159-006 Test Cover, Top
		ASI-20-76C2	989-2159-007 Test Cover, Test Coil Cover
		ASI-20-76C3	989-2159-008 Test Cover, Bottom
		ASI-20-76D1	989-2159-011 SMB Plug Assy, .515" (Qty 2)
		ASI-20-76D2	989-2159-012 SMB Plug Assy, .559" (Qty 2)
		ASI-20-76E	989-2159-015 Plug Assy, Right Angle (Qty 2)
		ASI-207-10	989-2146-001 90 Degree Phase Shift Network
		ASI-207-11	989-2146-002 0 Degree Power Divider
RF Network Test Fixture			ASI-207-7
OEM Equivalent: Rockwell Collins MN: TE3 PN: 989-2167-001 Manual: 523-0810646 Manual Figure: 9006	UUT: CPL-920D	Equipment Supplied:	
	Size: H: 2.00" W: 9.00" D: 7.00" Pwr: 28 VDC	<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
Description: The ASI-207-7 RF Network Test Fixture works in conjunction with the RF Holding Fixture (ASI-207-8) and the Calibration Fixture (ASI-207-9) to test the Rockwell Collins CPL-920D RF Network Assy (A2).		<u>ASI MN</u>	<u>OEM PN</u> <u>Description</u>
		ASI-20-77A	NPN Cable: Test Clip (W1)
		ASI-207-8	989-2168-001 RF Network Holding Fixture (TE4)
		ASI-207-9	989-2169-001 Calibration Fixture (TE5)