

Air Data Electronic Test Set			ASI-294-1				
OEM Equivalent: Rockwell Collins MN: 970D-2 PN: 622-3304-001 Manual: 523-0770593 Fig: 1-1	UUT: ADC-80() / ADC-81A / ADC-82()		Equipment Supplied:				
	Size: H: 3.90" W: 8.00" D: 12.25" Pwr: Power supplied by UUT		ASI MN ASI-29-4A	OEM PN 638-2433-001	Description Cable W1, ASI-294-1 to ADC-80/81/82		
Description: The ASI-294-1 is used to electronically exercise the Rockwell Collins ADC-80(), ADC-81A and ADC-82() Air Data Computers and associated air data instruments. The test set simulates the air data computer pressure sensor outputs without the use of an external pressure sensor. The ASI-294-1 includes the cable required to interface the test set to the ADC-80(), ADC-81A and ADC-82(). The ASI-294-2 (970D-2A) is suggested for new applications as it has a greater testing capability than the ASI-294-1. Information on the ASI-294-2 is shown below.			Optional Equipment: ASI MN ASI-294-2 ASI-415-1 ASI-415-2			OEM PN 622-8624-001 622-5811-001 622-5811-002	Description Air Data Electronic Test Set (970D-2A) Air Data Test Panel with Extenders (970D-1A) Air Data Test Panel (970D-1A)

Air Data Electronic Test Set			ASI-294-2				
OEM Equivalent: Rockwell Collins MN: 970D-2A PN: 622-8624-001 Manual: 523-0770593 Fig: 1-1	UUT: ADC-80() / ADC-81A / ADC-82() ADC-85() / ADC-86() / ADC-850()		Equipment Supplied:				
	Size: H: 3.90" W: 8.00" D: 12.25" Pwr: Power supplied by UUT		ASI MN ASI-29-42A ASI-29-42B	OEM PN 827-6554-001 827-6554-002	Description Cable W1, ASI-294-2 to ADC-80()/81A/82() Cable W2, ASI-294-2 to ADC-85()/86()/850()		
Description: The ASI-294-2 is used to electronically exercise the Rockwell Collins ADC-80(), ADC-81A, ADC-82(), ADC-85(), ADC-86(), and ADC-850 Air Data Computers and associated air data instruments. The test set simulates the ramp signal of the ADC-80/81A/82 pressure sensor or simulates the pulse-width modulation signal of the ADC-85/86/850 pressure sensor. The ASI-294-2 also provides capability for testing dual ADC-85/86/850 air data systems. The ASI-294-2 includes the cables required to interface the test set to the ADC-80/81A/82 and ADC-85/86/850. The ASI-294-2 (970D-2A) is suggested for new applications as it has a greater testing capability than the ASI-294-1 (970D-2).			Optional Equipment: ASI MN ASI-294-1 ASI-415-1 ASI-415-2			OEM PN 622-3304-001 622-5811-001 622-5811-002	Description Air Data Electronic Test Set (970D-2) Air Data Test Panel with Ext Kit (970D-1A) Air Data Test Panel without Ext Kit (970D-1A)

GPWS Test Set			ASI-295				
OEM Equivalent: Rockwell Collins MN: 969T-1 PN: 622-3868-001 Manual: TO 33A1-3-511-1 Fig: 1-1	UUT: FPC-75		Equipment Supplied:				
	Size: H: 8.00" W: 14.50" D: 18.00" Pwr: 115 VAC 400 Hz		ASI MN	OEM PN	Description		
Description: The ASI-295 GPWS Test Set is used for testing the troubleshooting the Rockwell Collins FPC-75 Flight Profile Comparator. The Test Set provides power and signals to the FPC-75 to simulate aircraft situations and then displays audio and /or visual indications from the uut during testing. The ASI-295 is designed for portable / ramp use. See the ASI-296-1 for a similar test set designed for test bench applications. The ASI-295 is enclosed in a portable plastic case and includes pendant cables required to interconnect the FPC-75 to the test set.			Optional Equipment: ASI MN ASI-245 ASI-296-1 ASI-296-2 ASI-4920-001 ASI-4925-001 ASI-4928-001 ASI-9046-001			OEM PN 622-0147-001 622-2640-001 622-2640-002 629-4920-001 629-4925-001 629-4928-001 629-9046-001	Description Threshold Detector (700D-2A) FPC Test Set with Altitude Gen. (971T-1) FPC Test Set without Altitude Gen. (971T-1) A4 Extender Card (P/O ASI-9046-001 Kit) A6 Extender Card (P/O ASI-9046-001 Kit) A5 Extender Card (P/O ASI-9046-001 Kit) FPC-75 Extender Card Kit (Includes 3 Cards)

Flight Profile Comparator Test Set			ASI-296-1			
OEM Equivalent: Rockwell Collins MN: 971T-1 PN: 622-2640-001 Manual: 523-0766154 Fig: 1	UUT: FPC-75		Equipment Supplied:			
	Size: H: 14.00" W: 19.00" D: 15.00" Pwr: 115 VAC 60 and 400 Hz		ASI MN ASI-29-6A ASI-29-6B ASI-19-6C ASI-29-6D ASI-29-6E1 ASI-29-6E2 ASI-26-6E3	OEM PN 629-4898-001 629-4899-001 629-4886-001 547-2795-000 629-4851-001 629-4851-002 629-4851-003	Description Cable W1, ASI-296-1/2 to FPC-75 Cable W2, ASI-296-1/2 to FPC ATE Cable W3, ASI-296-1/2 115 VAC 400 Hz Cable W4, ASI-296-1/2 115 VAC 60 Hz Cable, Test Point Probe Red Cable, Test Point Probe Blk Cable, Test Point Probe Grn	
Description: The ASI-296-1 Flight Profile Comparator Test Set, when used with other standard shop equipment, provides capability to test and repair the Rockwell Collins FPC-75. Test Set develops and processes input/output signals required for testing the FPC-75 Flight Profile Comparator. The ASI-296-1 also includes synchro altitude generator functions. The ASI-296-2 (listed in the optional equipment section to the right) is identical to the ASI-296-1 except that it does not include the synchro altitude generator functions. The cables required to interface the FCP-75 to the Test Set are included.			Optional Equipment: ASI MN ASI-245 ASI-295 ASI-296-2 ASI-4920-001 ASI-4925-001 ASI-4928-001 ASI-9046-001			Description Threshold Detector (700D-2A) GPWS Test Set (969T-1) FPC Test Set without Altitude Gen. (971T-1) A4 Extender Card (P/O ASI-9046-001 Kit) A6 Extender Card (P/O ASI-9046-001 Kit) A5 Extender Card (P/O ASI-9046-001 Kit) FPC-75 Extender Card Kit (Includes 3 Cards)

R1