

Series III / FliteLine Test System			ASI-810		
OEM Equivalent: Bendix/King MN: 92N-2 PN: 01-0215-00 Manual: 06-0215-00	UUT: Series III / FliteLine Avionics Systems		Equipment Supplied:		
	Size: H: 22.75" W: 19.00" D: 10.00" Pwr: 28 VDC / 26 VAC 400 Hz		ASI MN	OEM PN	Description
Description: The ASI-810 performs functional testing of the Series III and FliteLine Avionics Systems. This includes the VCS-40A/40C VHF COMM System, VNS-41A NAV System, DFS-43A ADF System, DMS-44A DME System, TRS-42A Transponder System, and FliteLine ADF/COMM/DME/NAV Systems. The ASI-810 includes the ASI-810-1, ASI-810-2, ASI-810-3 Test Panels and associated cables. See below or specific information on each Test Panel.			ASI-810-1	01-0216-00	ADF System Test Panel (92AF-1)
			ASI-810-2	01-0217-00	COMM / NAV System Test Panel (92CN-1)
			ASI-810-3	01-0218-00	DME / Transponder System Test Panel (92XD-1)
			ASI-81-01A	55-0215-15	Cable, ASI-810-1 to DF-431B / AT-434A
			ASI-81-02A	55-0215-11	Cable, ASI-810-2 to VC-401B / CVC-151
			ASI-81-02B	55-0215-12	Cable, ASI-810-2 to VN-411B / CVN-251
			ASI-81-02C	55-0215-06	Cable, HSI Substitution Plug
			ASI-81-03A	55-0215-13	Cable, ASI-810-3 to TR-421B
			ASI-81-03B	55-0215-14	Cable, ASI-810-3 to DM-441B / CDM-451
Series III / FliteLine ADF System Test Panel			ASI-810-1		
OEM Equivalent: Bendix/King MN: 92AF-1 PN: 01-0216-00 Manual: 06-0215-00	UUT: DFS-43A: DF-431B / CD-432B / AT-434A FliteLine: DF-431B / CDF-552 / AT-434A		Equipment Supplied:		
	Size: H: 5.25" W: 19.00" D: 10.00" Pwr: 28 VDC / 26 VAC 400 Hz		ASI MN	OEM PN	Description
Description: The ASI-810-1 tests the DFS-43A ADF System (DF-431B / CD-432B / AT-434A) and FliteLine ADF System (DF-431B / CDF-552 / AT-434A). The Test Panel provides switching, monitoring, test points, and interconnection required to test the ADF System. A known good (user supplied) CDU must be installed in the test panel for proper operation. The ASI-810-1 is also capable of testing the DFS-43 ADF System (DF-431A / CD-432A / AT-434A). However the optional ASI-81-01C cable is required in order to test this older system. Testing of the AT-434A Antenna requires the ASI-81-01B Switch Box. Since the ASI-810-1 tests the components as a complete system, a known good system (Receiver, CDU, and Antenna) is required in order to test all of the individual components.			ASI-81-01A	55-0215-15	Cable, ASI-810-1 to DF-431B / AT-434A
			Optional Equipment:		
			ASI MN	OEM PN	Description
			ASI-81-01B	NPN	Switch Box, AT-434A
			ASI-81-01C	55-0215-05	Cable, ASI-810-1 to DF-431A / AT-434A
			ASI-81-01D	NPN	Isolation Transformer
			ASI-81-01E	005-02101-0070	Test PROM for DF-431B
			ASI-167	522-3498-000	Heading Simulator (978F-2S)
			User Supplied CDU / ANT Requirements:		
			LRU	CDU Required for Testing LRU	ANT Required for Testing LRU
DF-431B	CD-432B or CDF-552	AT-434A			
Series III / FliteLine COM / NAV System Test Panel			ASI-810-2		
OEM Equivalent: Bendix/King MN: 92CN-1 PN: 01-0217-00 Manual: 06-0215-00	UUT: VCS-40A: VC-401B / CD-402B VCS-40C: VC-401C / CD-402C VNS-41A: VN-411B / CD-412B / CD-413B FliteLine COM: CVC-151 / CVC-152 FliteLine NAV: CVN-251 / CVN-252		Equipment Supplied:		
	Size: H: 8.75" W: 19.00" D: 10.00" Pwr: 28 VDC / 26 VAC 400 Hz		ASI MN	OEM PN	Description
Description: The ASI-810-2 tests the VCS-40A VHF COM System (VC-401B / CD-402B), VCS-40C VHF COM System (VC-401C / CD-402C), VNS-41A NAV System (VN-411B / CD-412B / CD-413B), FliteLine COM System (CVC-151 / CVC-152), and FliteLine NAV System (CVN-251 / CVN-252). The Test Set provides switching, monitoring, test points, and interconnection required for testing. Known good (user supplied) CDU's (COM and NAV) must be installed in the test panel for proper operation. The ASI-810-2 is also capable of testing the VCS-40 COM System (VC-401A / CD-402A) and VNS-41 NAV System (VN-411A / CD-412A). However optional cables (ASI-81-02F / ASI-81-02G) are required in order to test these systems. Since the ASI-810-2 tests the components as a complete system, a known good system (Receiver and CDU) is required in order to test the individual components.			ASI-81-02A	55-0215-11	Cable, ASI-810-2 to VC-401B / CVC-151
			ASI-81-02B	55-0215-12	Cable, ASI-810-2 to VN-411B / CVN-251 / KI-227
			ASI-81-02C	55-0215-06	Cable, HSI Substitution Plug
			Optional Equipment:		
			ASI MN	OEM PN	Description
			ASI-81-02D	NPN	Cable, ASI-810-2 to KI-206
			ASI-81-02E1	NPN	High-Impedance Detector Probe for VC-401()
			ASI-81-02E2	NPN	High-Impedance Detector Probe for VN-411()
			ASI-81-02E3	NPN	Linear Detector for VC-401()
			ASI-81-02F	55-0215-01	Cable, ASI-810-2 to VC-401A
ASI-81-02G	55-0215-02	Cable, ASI-810-2 to VN-411A / KI-227			
User Supplied CDU Requirements:					
LRU	CDU Required for Testing LRU				
VC-401B	CD-402B, CD-402C, or CVC-152				
VC-401C	CD-402C or CVC-152				
CVC-151	CD-402C or CVC-152				
VN-411B	CD-412B, CD-413B, or CVN-252				
CVN-251	CD-412B, CD-413B, or CVN-252				
Series III / FliteLine DME / Transponder System Test Panel			ASI-810-3		
OEM Equivalent: Bendix/King MN: 92XD-1 PN: 01-0218-00 Manual: 06-0215-00	UUT: DMS-44A: DM-441B / SD-442B TRS-42A: TR-421B / CD-422B FliteLine DME: CDM-451 / SD-442B		Equipment Supplied:		
	Size: H: 8.75" W: 19.00" D: 10.00" Pwr: 28 VDC / 26 VAC 400 Hz		ASI MN	OEM PN	Description
Description: The ASI-810-3 tests the DMS-44A DME System (DM-441B / SD-442B), FliteLine DME System (CDM-451 / SD-442B), and TRS-42A Transponder System (TR-421B / CD-422B). The Test Panel provides switching, monitoring, test points, and interconnection required for testing. Known good (user supplied) CDU's (DME and Transponder) must be installed in the test panel for proper operation. The ASI-810-3 is also capable of testing the DMS-44 DME System (DM-441A / SD-442A) and TRS-42 Transponder System (TR-421A / CD-422A). However optional cables (ASI-81-03C / ASI-81-03D) are required in order to test these older systems. Since the ASI-810-3 tests the components as a complete system, a known good system (Receiver and CDU) is required in order to test the individual components.			ASI-81-03A	55-0215-13	Cable, ASI-810-3 to TR-421B
			ASI-81-03B	55-0215-14	Cable, ASI-810-3 to DM-441B / CDM-451
			Optional Equipment:		
			ASI MN	OEM PN	Description
			ASI-81-03C	55-0215-03	Cable, ASI-810-3 to TR-421A
			ASI-81-03D	55-0215-04	Cable, ASI-810-3 to DM-441A
			User Supplied CDU Requirements:		
			LRU	CDU Required for Testing LRU	
			DM-441B	SD-442B	
			CDM-451	SD-442B	
TR-421B	CD-422B				