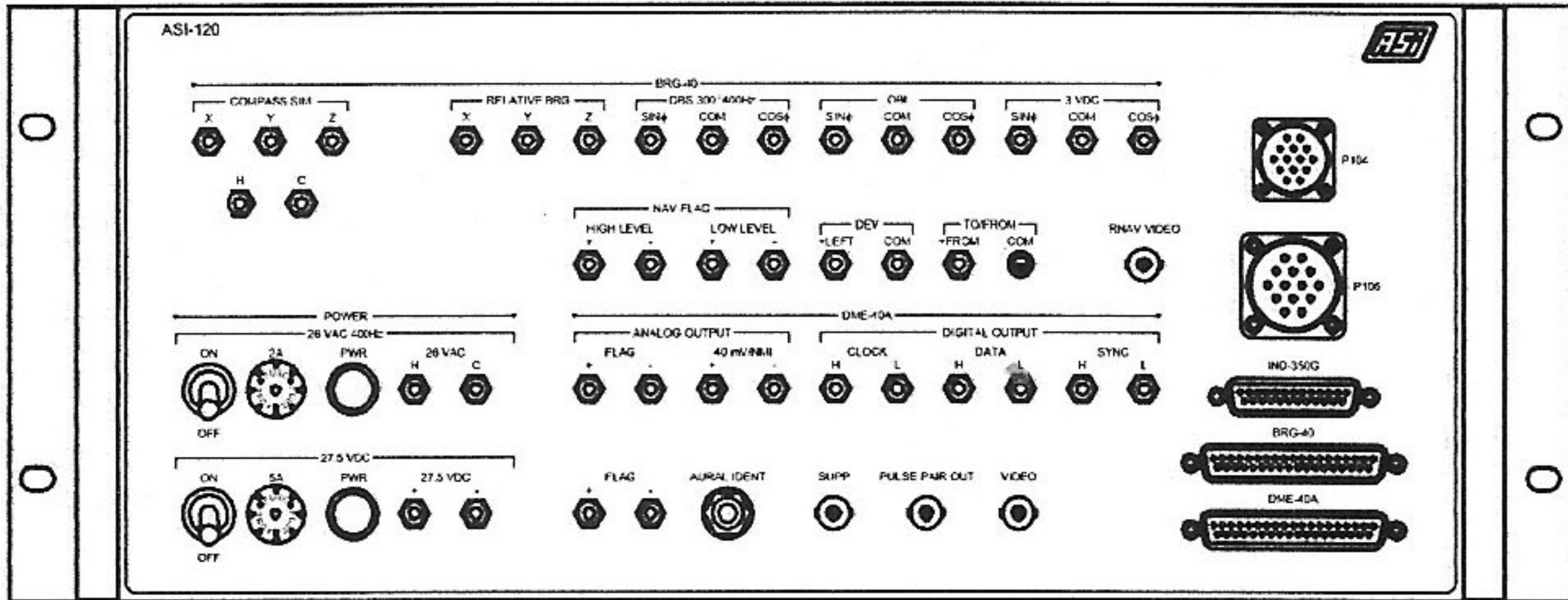
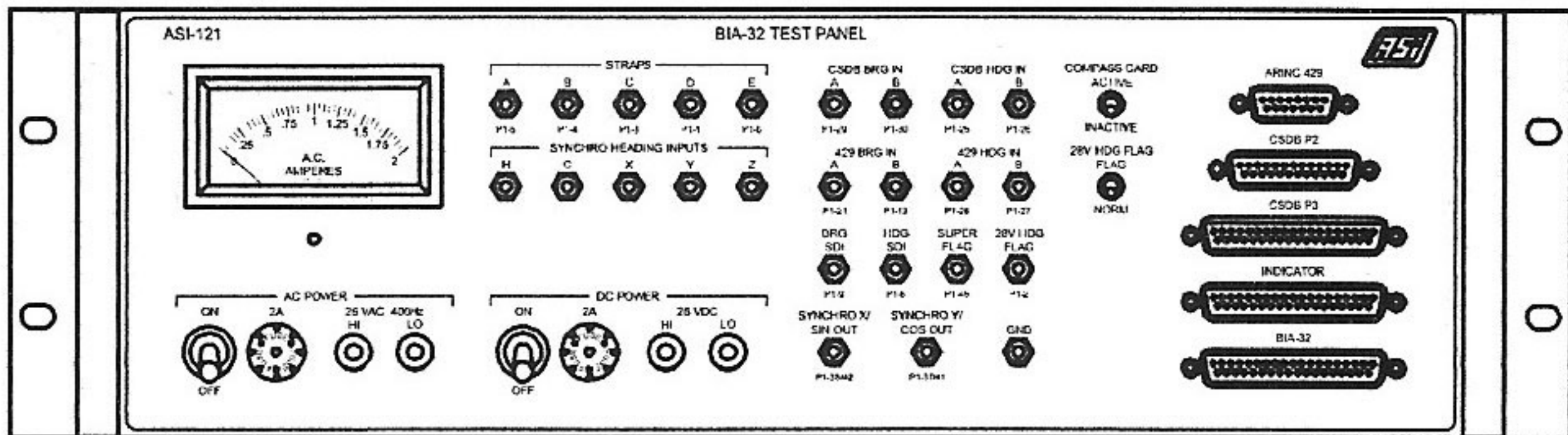
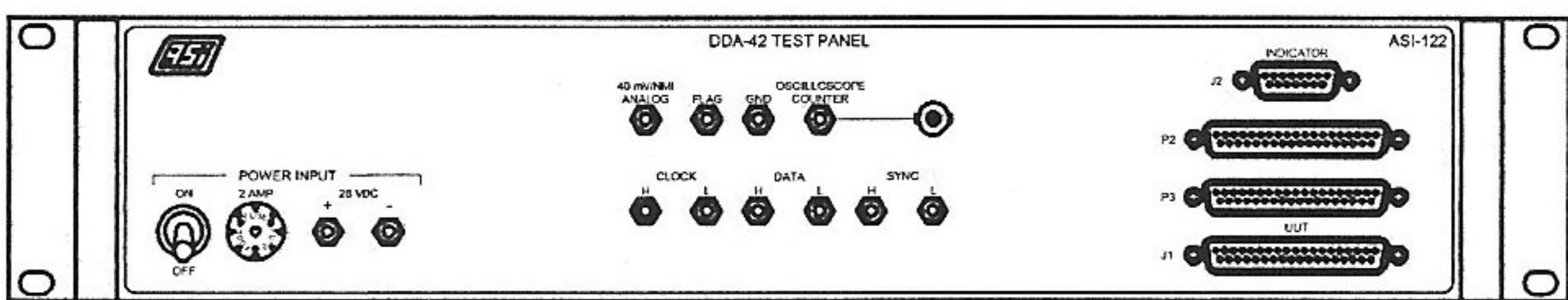


TCN-40 Test Panel		ASI-120																																				
OEM Equivalent: Rockwell Collins MN: NMN PN: NPN Manual: 523-0766909 Manual Figure: 2 (Installation Section)																																						
UUT: TCN-40 TACAN System DME-40A / BRG-40 Size: H: 7.00" W: 19.00" D: 7.00" Pwr: 28 VDC / 26 VAC 400Hz																																						
Description: The ASI-120 Test Panel facilitates testing of the Collins TCN-40 TACAN System consisting of the DME-40A and BRG-40. The ASI-120 duplicates the Special Test Fixture shown in the Collins TCN-40 maintenance manual. The Test Panel provides proper switching, test points, and interconnection required to test the TCN-40 TACAN System. Optional cables listed below are required for interconnection and operation of the various system components. An ASI-160B or ASI-160C can be used in place of the compass Simulator, CDI, and RMI.																																						
Equipment Supplied: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-0A</td><td>NPN</td><td>Cable, ASI-120 to BRG-40</td></tr><tr><td>ASI-12-0B</td><td>NPN</td><td>Cable, ASI-120 to DME-40A</td></tr></table>		ASI MN	OEM PN	Description	ASI-12-0A	NPN	Cable, ASI-120 to BRG-40	ASI-12-0B	NPN	Cable, ASI-120 to DME-40A	Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-0C</td><td>NPN</td><td>Cable, ASI-120 to 332C-10/-10B</td></tr><tr><td>ASI-12-0D</td><td>NPN</td><td>Cable, ASI-120 to IND-350G</td></tr><tr><td>ASI-12-0E</td><td>NPN</td><td>Cable, ASI-120 to 339F-12()</td></tr><tr><td>ASI-12-0F</td><td>NPN</td><td>Cable, ASI-120 to ASI-160B/-160C</td></tr><tr><td>ASI-12-0G</td><td>NPN</td><td>Cable, ASI-120 to 313N-4D / 378N-2</td></tr><tr><td>ASI-83C</td><td>NPN</td><td>Audio Power Meter</td></tr><tr><td>ASI-142-1</td><td>522-1147-004</td><td>Compass Simulator (477L-1)</td></tr><tr><td>ASI-160B</td><td>NPN</td><td>Universal Heading and Track Selector</td></tr></table>	ASI MN	OEM PN	Description	ASI-12-0C	NPN	Cable, ASI-120 to 332C-10/-10B	ASI-12-0D	NPN	Cable, ASI-120 to IND-350G	ASI-12-0E	NPN	Cable, ASI-120 to 339F-12()	ASI-12-0F	NPN	Cable, ASI-120 to ASI-160B/-160C	ASI-12-0G	NPN	Cable, ASI-120 to 313N-4D / 378N-2	ASI-83C	NPN	Audio Power Meter	ASI-142-1	522-1147-004	Compass Simulator (477L-1)	ASI-160B	NPN	Universal Heading and Track Selector
ASI MN	OEM PN	Description																																				
ASI-12-0A	NPN	Cable, ASI-120 to BRG-40																																				
ASI-12-0B	NPN	Cable, ASI-120 to DME-40A																																				
ASI MN	OEM PN	Description																																				
ASI-12-0C	NPN	Cable, ASI-120 to 332C-10/-10B																																				
ASI-12-0D	NPN	Cable, ASI-120 to IND-350G																																				
ASI-12-0E	NPN	Cable, ASI-120 to 339F-12()																																				
ASI-12-0F	NPN	Cable, ASI-120 to ASI-160B/-160C																																				
ASI-12-0G	NPN	Cable, ASI-120 to 313N-4D / 378N-2																																				
ASI-83C	NPN	Audio Power Meter																																				
ASI-142-1	522-1147-004	Compass Simulator (477L-1)																																				
ASI-160B	NPN	Universal Heading and Track Selector																																				

BIA-32 Test Panel		ASI-121																								
OEM Equivalent: Rockwell Collins MN: NMN PN: NPN Manual: 523-0775205 Manual Figure: 5-5 - 5-6																										
UUT: BIA-32 Size: H: 5.25" W: 19.00" D: 7.00" Pwr: 28 VDC / 26 VAC 400Hz																										
Description: The ASI-121 Test Panel provides interface between the BIA-32 and the data bus simulator required for testing. The ASI-121 duplicates the performance of the BIA-32 Test Panel shown in the Collins maintenance manual. The test panel includes a current meter, test points, and discretes required for testing. The ASI-121 is supplied with the BIA-32 test cable (ASI-12-1D). Optional RMI cables are available to interface the RMI-30 or RMI-36/BDI-36 to the test panel. The ASI-401-1 is required to interface the ASI-121 to the data bus simulator (PC). The test software required for testing must be purchased direct from Collins to ensure the latest revision level. See the ASI-2000 and ASI-200-19 catalog pages for alternate test equipment available from ASI for testing the BIA-32.																										
Equipment Supplied: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-1D</td><td>NPN</td><td>Cable, ASI-121 to BIA-32</td></tr></table>		ASI MN	OEM PN	Description	ASI-12-1D	NPN	Cable, ASI-121 to BIA-32	Test Software: 523-0777-527 BIA-32 Test Program (PC) Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-1E</td><td>NPN</td><td>Cable, ASI-121 to RMI-30</td></tr><tr><td>ASI-12-1F</td><td>NPN</td><td>Cable, ASI-121 to RMI-36 / BDI-36</td></tr><tr><td>ASI-165</td><td>622-5330-001</td><td>Synchro Simulator (CSS-10)</td></tr><tr><td>ASI-401-1</td><td>NPN</td><td>Pro Line PC Interface Panel</td></tr><tr><td>CTC-429</td><td>822-0854-001</td><td>ARINC 429 / CSDB Interface Card (ISA)</td></tr></table>	ASI MN	OEM PN	Description	ASI-12-1E	NPN	Cable, ASI-121 to RMI-30	ASI-12-1F	NPN	Cable, ASI-121 to RMI-36 / BDI-36	ASI-165	622-5330-001	Synchro Simulator (CSS-10)	ASI-401-1	NPN	Pro Line PC Interface Panel	CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)
ASI MN	OEM PN	Description																								
ASI-12-1D	NPN	Cable, ASI-121 to BIA-32																								
ASI MN	OEM PN	Description																								
ASI-12-1E	NPN	Cable, ASI-121 to RMI-30																								
ASI-12-1F	NPN	Cable, ASI-121 to RMI-36 / BDI-36																								
ASI-165	622-5330-001	Synchro Simulator (CSS-10)																								
ASI-401-1	NPN	Pro Line PC Interface Panel																								
CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)																								

DDA-42 Test Panel		ASI-122																											
OEM Equivalent: Rockwell Collins MN: NMN PN: NPN Manual: 523-0773960 Manual Figure: 5-4																													
UUT: DDA-42 Size: H: 3.50" W: 19.00" D: 7.00" Pwr: 28 VDC																													
Description: The ASI-122 Test Panel provides interface between the DDA-42 and the data bus simulator required for testing. The ASI-122 duplicates the performance of the DDA-42 Test Fixture shown in the Collins maintenance manual. The test panel includes all test points, and discretes required for testing. The ASI-122 is supplied with the DDA-42 test cable (ASI-12-2A). Optional Indicator cables are also available. The ASI-401-1 is required to interface the ASI-122 to the data bus simulator (PC). The test software required for testing must be purchased direct from Collins to ensure the latest revision level. See the ASI-2000 and ASI-200-15 catalog pages for alternate test equipment available from ASI for testing the DDA-42.																													
Equipment Supplied: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-2A</td><td>NPN</td><td>Cable, ASI-122 to DDA-42</td></tr></table>		ASI MN	OEM PN	Description	ASI-12-2A	NPN	Cable, ASI-122 to DDA-42	Test Software: 523-0777-539 DDA-42 Test Program (PC) Optional Equipment: <table><tr><th>ASI MN</th><th>OEM PN</th><th>Description</th></tr><tr><td>ASI-12-2B</td><td>NPN</td><td>Cable, ASI-122 to IND-40() / IND-41()</td></tr><tr><td>ASI-12-2C</td><td>NPN</td><td>Cable, ASI-122 to 339F-8B</td></tr><tr><td>ASI-12-2D</td><td>NPN</td><td>Cable, ASI-122 to 339F-12()</td></tr><tr><td>ASI-12-2E</td><td>NPN</td><td>Cable, ASI-122 to 339F-18()</td></tr><tr><td>ASI-401-1</td><td>NPN</td><td>Pro Line PC Interface Panel</td></tr><tr><td>CTC-429</td><td>822-0854-001</td><td>ARINC 429 / CSDB Interface Card (ISA)</td></tr></table>	ASI MN	OEM PN	Description	ASI-12-2B	NPN	Cable, ASI-122 to IND-40() / IND-41()	ASI-12-2C	NPN	Cable, ASI-122 to 339F-8B	ASI-12-2D	NPN	Cable, ASI-122 to 339F-12()	ASI-12-2E	NPN	Cable, ASI-122 to 339F-18()	ASI-401-1	NPN	Pro Line PC Interface Panel	CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)
ASI MN	OEM PN	Description																											
ASI-12-2A	NPN	Cable, ASI-122 to DDA-42																											
ASI MN	OEM PN	Description																											
ASI-12-2B	NPN	Cable, ASI-122 to IND-40() / IND-41()																											
ASI-12-2C	NPN	Cable, ASI-122 to 339F-8B																											
ASI-12-2D	NPN	Cable, ASI-122 to 339F-12()																											
ASI-12-2E	NPN	Cable, ASI-122 to 339F-18()																											
ASI-401-1	NPN	Pro Line PC Interface Panel																											
CTC-429	822-0854-001	ARINC 429 / CSDB Interface Card (ISA)																											