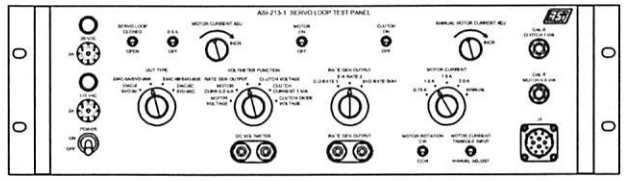
Servo Loop Test Panel — ASI-213-1

OEM Equivalent: Rockwell Collins
MN: NMN
PN: 608-3617-001
Manual: 523-0762690 / 523-0766552
Manual Figure: 1012-1013 / 5-14 - 5-15

UUT: 334C-6/-6A/-6B/-6C/-6D
SVO-80/-80A/-80B/-80C

Size: H: 5.25" W: 19.00" D: 7.00"
Pwr: 28 VDC / 115 VAC 400Hz



Description:
The ASI-213-1 Servo Loop Test Panel works in conjunction with the ASI-212-1 (960M-1) to facilitate testing, alignment, and overhaul of the Collins 334C-6(0 and SVO-80( ) Primary Servos. The Test Panel provides all power, switching, loading, and monitoring test points required during testing of the servo.

The ASI-213-1 includes the interconnect cable (ASI-21-3A) required to interface the test panel to the uut.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-21-3A	NPN	Cable, ASI-213-1 to 334C-6 / SVO-80

Optional Equipment:

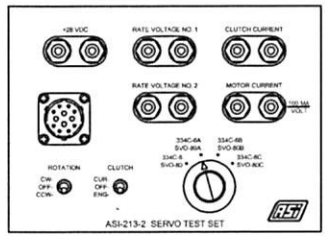
ASI MN	OEM PN	Description
ASI-212-1	622-0471-001	334C-6 / SVO-80 Torque Tester (960M-1)
ASI-230	229-0223-030	Large / Motor Flux Keeper Ring (A-14526)
ASI-232	229-9515-050	Small / Generator Flux Keepre Ring (A-3426)
ASI-21-3B	628-5151-001	Servo Mount Holding Fixture for 351B-6J/K/L/M
ASI-21-3C	608-3945-001	Servo Mount Holding Fixture
ASI-21-3D	608-4005-001	334C-6/SVO-80 Adapter Hub
ASI-21-3E	608-4006-001	334C-6/SVO-80 Spanner Wrench
ASI-21-3F	608-4699-001	334C-6/SVO-80 Backlash Test Fixture
ASI-21-3G	NPN	Pin Removal Fixture (334C-6 Man. Fig. 1011)

Minimum Performance Test Set — ASI-213-2

OEM Equivalent: Rockwell Collins
MN: NMN
PN: 637-0789-001
Manual: 523-0762690 / 523-0766552
Manual Figure: 1008-1010 / 5-6 - 5-7

UUT: 334C-6/-6A/-6B/-6C/-6D
SVO-80/-80A/-80B/-80C

Size: H: 3.00" W: 7.00" D: 5.00"
Pwr: 28 VDC



Description:
The ASI-213-2 Servo Test Set works in conjuction with the ASI-212-1 (960M-1) to provide minimum performance (customer acceptance) testing of the Collins 334C-6() and SVO-80( ) Primary Servos. The Test Panel provides all power, switching, loading, and monitoring test points required during testing of the servo.

The ASI-213-2 includes the interconnect cable (ASI-21-32A) required to interface the test panel to the uut.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-21-32A	NPN	Cable, ASI-213-2 to 334C-6 / SVO-80

Optional Equipment:

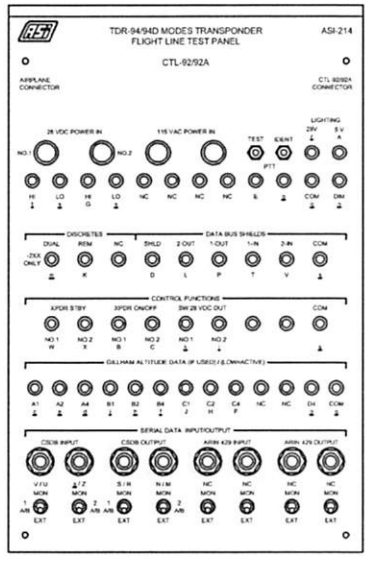
ASI MN	OEM PN	Description
ASI-212-1	622-0471-001	334C-6 / SVO-80 Torque Tester (960M-1)
ASI-230	229-0223-030	Large / Motor Flux Keeper Ring (A-14526)
ASI-232	229-9515-050	Small / Generator Flux Keepre Ring (A-3426)
ASI-21-3B	628-5151-001	Servo Mount Holding Fixture for 351B-6J/K/L/M
ASI-21-3C	608-3945-001	Servo Mount Holding Fixture
ASI-21-3D	608-4005-001	334C-6/SVO-80 Adapter Hub
ASI-21-3E	608-4006-001	334C-6/SVO-80 Spanner Wrench
ASI-21-3F	608-4699-001	334C-6/SVO-80 Backlash Test Fixture
ASI-21-3G	NPN	Pin Removal Fixture (334C-6 Man. Fig. 1011)

TDR-94/94D Flightline Test Set — ASI-214

OEM Equivalent: Rockwell Collins
MN: NMN
PN: NPN
Manual: 523-0775652
Manual Figure: 5-11 - 5-22

UUT: TDR-94
TDR-94D

Size: H: 12.00" W: 8.00" D: 3.00"
Pwr: From UUT



Description:
The ASI-214 Flightline Test Set is used for in-aircraft testing and fault isolation of the Collins TDR-94/94D Mode S Transponder system.

The ASI-214 plugs directly between the aircraft wiring harness and the system control head to provide a quick and easy way to determine which component of the transponder system is malfunctioning. Complete testing requires an ARINC 429 Bus Reader and a Digital Volt Meter.

The ASI-214 requires a ASI-21-4x Test Kit for proper operation. Test kit selection is dependent upon which control head is installed in the aircraft. Each test kit includes aircraft and control head interconnect cables and a test panel overlay.

Optional Equipment :

ASI MN	OEM PN	Description
ASI-21-4A	NPN	Test Kit for Collins CTL-92/92A Control Head
ASI-21-4B	NPN	Test Kit for Collins CTL-92T Control Head
ASI-21-4C	NPN	Test Kit for Collins RTU-870A/T Contol Head
ASI-21-4D	NPN	Test Kit for Colins TTC-920G Control Head
ASI-CTS-940	628-8750-001	TDR-94/94D Transponder Test Panel
ASI-CTS-941AR	NPN	TDR-94/94D Transponder Test Panel

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