

BCA Servo Test Panel

ASI-404-1

OEM Equivalent: Rockwell Collins
MN:
PN: 676-3923-001
Manual: 523-0777073 / 22-12-74
Manual Figure: 911 - 914

UUT: BCA-770
S253W911-1/-2/-3
Size: H: 7.00" W: 19.00" D: 7.00"
Pwr: 115 VAC 60 Hz / 28 VDC

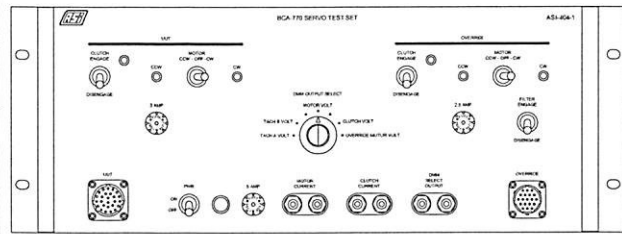
Description:

The ASI-404-1 Servo Test Panel works in conjunction with a Dynamometer (827-7102-003) to facilitate testing of the Collins BCA-770 Backdrive Control Actuator. A known good SVO-85A (user supplied) is also required for testing.

The BAC-770 attaches directly to the front of the Test Set. Cables for the SVO-85A are included with the ASI-404-1. Other accessory items that may be required for testing and repairing the BCA-770 are listed in the optional equipment.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-40-4A	NPN	Cable, ASI-404-1 to SVO-85A (-001/-101)
ASI-40-4B	NPN	Cable, ASI-404-1 to SVO-85A (-002/-102)



Optional Equipment:

ASI MN	OEM PN	Description
ASI-40-31B	634-1729-001	Clutch Servo Depth Gauge (Requires 25-243)
ASI-40-31C	634-1728-001	Mount Clutch Depth Gauge (Requires 25-243)
ASI-40-32D	827-2785-001	Clutch Force Test Tool (Requires 25-243)
ASI-40-32M1	827-3794-002	Expander Fixture
ASI-40-32N	827-3793-001	Pusher Fixture
ASI-40-32P1	827-3795-002	Compressor Fixture
ASI-40-41A	676-3871-001	Backlash Test Fixture (Requires 25-241)
ASI-40-41B	460-0079-246	Actuator Pressure Leak Test Assembly
ASI-40-41B1	827-1646-001	Pressure Check Fitting (P/O ASI-40-41B)
ASI-40-41B2	827-0332-001	Slip Clutch Leak Fixture (P/O ASI-40-41B)
ASI-40-41C	676-3866-001	Torque Backlash Test Fixture (Req 25-241J)
ASI-40-41D	131-3605-464	Override Slip Clutch Test Fixture
ASI-40-41E	131-3605-422	Mount Assembly Preload Test Fixture
ASI-40-41F	131-3605-423	Mount Assembly Force-Pull Test Fixture
ASI-40-41G	117-0600-107	Mount Assembly Drilling and Pinning Fixture
ASI-40-41H	131-3605-469	Motor Tension Adjuster
ASI-158-1	637-7656-100	Universal Hi-Pot tester
ASI-15-8B	830-2523-001	Cable, ASI-158 to BCA-770

Flight Mode Annunciator Test Panel

ASI-405

OEM Equivalent: Rockwell Collins
MN: 969L-1
PN: 635-7420-001
Manual: 523-0767303
Manual Figure: 1

UUT: 914G-8 / 914G-9 / 914G-11
Size: H: 7.00" W: 19.00" D: 7.00"
Pwr: 115 VAC 400 Hz / 28 VDC

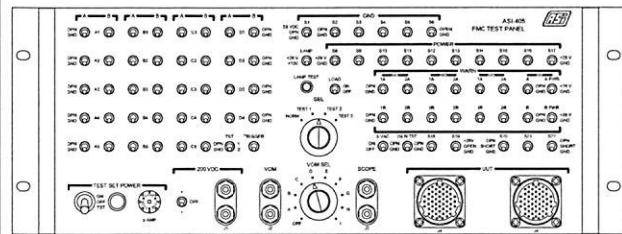
Description:

The ASI-405 Test Set develops and processes input/output signals required for testing the Rockwell Collins 914G-8/-9/-11 Flight Mode Annunciators.

The ASI-405 includes interconnect cables required to test the 914G-8, 914G-9, 914G-11 Flight Mode Annunciators.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-40-5A	635-7413-001	Cable, Power
ASI-40-5B	635-7414-001	Cable, ASI-405 to 914G-8
ASI-40-5C	635-7415-001	Cable, ASI-405 to 914G-9
ASI-40-5D	634-9488-001	Cable, ASI-405 to 914G-11



Optional Equipment:

ASI MN	OEM PN	Description
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147B-2 Test Panel

ASI-406

OEM Equivalent: Rockwell Collins
MN:
PN:
Manual: 523-0766906
Manual Figure: 1 (Maintenance Sec)

UUT: 147B-2
Size: H: 3.50" W: 19.00" D: 6.00"
Pwr: 26 VAC 400 Hz

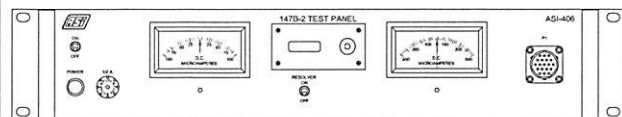
Description:

The ASI-406 Test Panel provides the capability to test and repair the Rockwell Collins 147B-2 Converter-Discriminator.

The ASI-406 includes the test cable required to interconnect the 147B-2 to the test panel.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-40-6A	NPN	Cable, ASI-406 to 147B-2



Optional Equipment:

ASI MN	OEM PN	Description
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