

Synchro Source

ASI-165

OEM Equivalent:

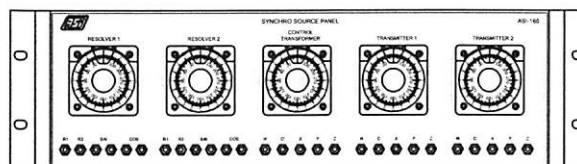
OEM: Rockwell Collins
Model Number: CSS-10
Part Number: 622-5330-001
Manual: 523-0770399
Manual Figure: 1-1

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Description:

The ASI-165 Synchro Source is a signal simulator that provides synchro control transformer, dual transmitter, and dual resolver outputs. These signals would normally be derived from the gyrocompass or other components of the integrated flight system.

The ASI-165 is used in the testing of attitude director indicators, horizontal situation indicators, course indicators, and other avionics equipment requiring synchro / resolver signals.



Units Tested:

Various Avionics

Specifications:

Height: 5.25" Width: 19.00" Depth: 6.00"
Power Requirements: From UUT

Equipment Supplied:

ASI MN	OEM PN	Description
	MS3126F18-32S	Mating Connector, M/W J100
	XAC14PC1A306	Mating Connector, M/W J101

Optional Equipment:

ASI MN	OEM PN	Description
ASI-166	522-0167-001	Resolver Zeroing Panel (479X-2)
ASI-215	NPN	Synchro/Resolver/CT/ Calibration Panel

Resolver Zeroing Panel

ASI-166

OEM Equivalent:

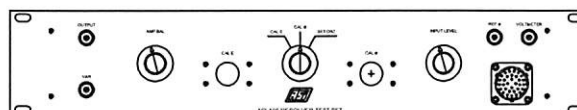
OEM: Rockwell Collins
Model Number: 479X-2
Part Number: 522-0167-001
Manual: 523-5345000
Manual Figure: 1-1

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Description:

The ASI-166 Resolver Zeroing Panel provides a means of indexing VOR resolvers. Omnibearing Selectors (OBS) and Omnibearing Indicators (OBI) can be indexed within $\pm 1^\circ$. The ASI-166 permits omniresolver zeroing (ORZ) in accordance with RTCA standards with a minimum of amount of associated equipment (Voltmeter, Oscilloscope, and audio Generator).

The ASI-166 includes OBS cable, 30 Hz Filter and 3 coax cables.



Units Tested:

Various Avionics

Specifications:

Height: 3.50" Width: 19.00" Depth: 4.00"
Power Requirements: From UUT

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-16-6C	540-7246-000	Cable, ASI-166 to Omnibearing Selector
ASI-16-6D	540-7244-000	30 Hz Filter
ASI-16-6F	506-4851-002	Coax Cable (Qty 2)
ASI-16-6G	540-7247-000	Voltmeter Cable

Optional Equipment:

ASI MN	OEM PN	Description
ASI-16-6A	540-7245-000	Cable, ASI-166 to Omnibearing Indicator
ASI-16-6B	NPN	Cable, ASI-166 to ASI-150 / -150() / -190()
ASI-16-6E	NPN	Cable, ASI-166 to FMC-28 / -28A (ORZ)

Synchro Simulator

ASI-167

OEM Equivalent:

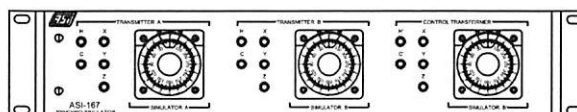
OEM: Rockwell Collins
Model Number: 978F-2S
Part Number: 522-3498-000
Manual: 523-0756721
Manual Figure: 1-1

This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Description:

The ASI-167 Synchro Simulator is a signal simulator that provides synchro control transformer and dual transmitter outputs. These signals would normally be derived from the gyrocompass or other components of the integrated flight system.

The ASI-167 is used in the testing of attitude director indicators, horizontal situation indicators, course indicators, and other avionics equipment requiring synchro signals.



Units Tested:

Various Avionics

Specifications:

Height: 3.50" Width: 19.00" Depth: 15.00"
Power Requirements: From UUT

Equipment Supplied:

ASI MN	OEM PN	Description
	XAC14PC1A306X	Mating Connector, M/W J1

Optional Equipment:

ASI MN	OEM PN	Description
ASI-215	NPN	Synchro/Resolver/CT/ Calibration Panel

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