

Radars Control Test Panel

ASI-252-1

OEM Equivalent:

OEM: Bendix
Model Number: COT-1FB
Part Number: 2041348-0102
Manual: I.B. 1103DT-1 / 34-43-11
Manual Figure: 1

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

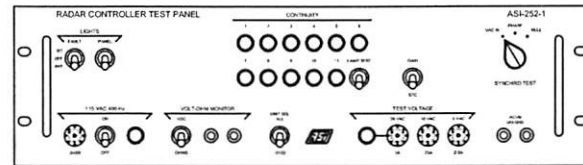
Description:

The ASI-252-1 Radar Control Test Panel functions to test and troubleshoot Bendix CON-1RB/SB Radar Controls. The test panel also has functions required to test the CON-1RB(M) / CON-1SB(M) which have variable STC capability.

The Test Panel supplies the radar control with voltages required for function tests and provides a visual continuity check verifying the correct operation of the control's switches, controls, and wiring.

The ASI-252-1 includes a control test cable (ASI-15-2A) and test panel power cable (ASI-25-2B).

Test panels designed to test other units of the RDR-1FB Weather Radar System are listed in the optional equipment section below.



Units Tested:

CON-1RB CON-1SB
CON-1RB(M) CON-1SB(M)

Specifications:

Height: 5.25" Width: 19.00" Depth: 12.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-25-2A	2041579-0502	Cable, ASI-252-1 to CON-1 (W101)
ASI-25-2B	2041580-0501	Cable, ASI-252-1 Power (W102)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-152-2	2041351-0102	RDR-1FB Radar Test Panel (RDT-1FB)
ASI-153-2	2038270-0502	ANT-1TB Radar Ant Test Panel (ATT-1FB)
ASI-154-2	2041349-0102	RDR-1FB Radar System Test Panel (RCT-1FB)
ASI-244-2	2041350-0102	PPI-1TB Radar Indicator Test Panel (PPT-1FB)

Radars Control Test Panel

ASI-252-2

OEM Equivalent:

OEM: Bendix
Model Number: COT-4A
Part Number: 2041593-0401
Manual: I.B. 1104ET / 34-41-59
Manual Figure: 1

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

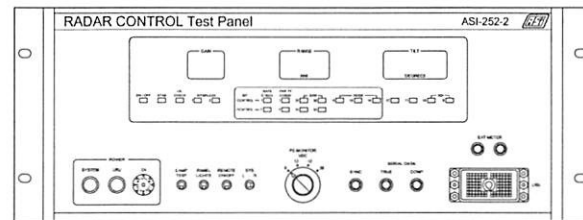
Description:

The ASI-252-2 Radar Control Test Panel provides the functions and capabilities necessary to test the Bendix CON-4A/B Radar Control separated from its operational environment. The test panel receives and decodes ARINC 429 control data and provides power to the CON-4() under test. The test panel thus substitutes its functions for those of the R/T, providing a surrogate operational environment.

The ASI-252-2 receives and decodes ARINC 429 control words 1 and 2 from the CON-4() and displays the decoded data on the front panel seven segment displays and LED's.

The ASI-252-2 includes two cables required for proper operation.

Test panels designed to test other units of the RDR-4A Weather Radar System are also available from Avionics Specialist, Inc. These test panels are listed in the optional equipment section below.



Units Tested:

CON-4A
CON-4B

Specifications:

Height: 7.00" Width: 19.00" Depth: 13.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-25-22A	2040035-0501	Cable, ASI-252-2 to CON-4A/B (W1)
ASI-25-22B	2040020-0501	Cable, ASI-252-2 Power (W8)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-25-22C	NPN	Cable, ASI-252-2 to IFR STD-7000
ASI-169-2	2041797-0401	RDR-4A Portable Radar Test Set (RST-4A)
ASI-742	2041589-0401	RDR-4A Radar System Test Panel (RCT-4A)
ASI-760	2041591-0401	PPI-4B Radar Indicator Test panel (PPT-4A)
ASI-771	2041592-0401	DAA-4A/B Radar Antenna Test Panel (ATT-4A)

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