

RDR-1F Radar System Test Panel

ASI-154-1

OEM Equivalent:

OEM: Bendix
Model Number: RCT-1F
Part Number: 2038326-0501
Manual: I.B. 1102BT / 34-42-52
Manual Figure: 1

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

Description:

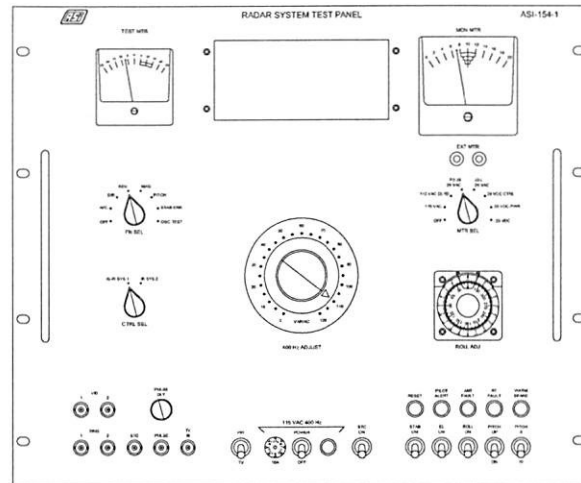
The ASI-154-1 Radar System Test Panel facilitates testing, alignment, and troubleshooting of the Bendix RDR-1F Weather Radar System. The Test Panel assists in determining the operational status of any unit of an RDR-1F Radar System. The ASI-154-1 is comparable to the complete aircraft radar wiring harness and, in conjunction with standard shop test equipment, allows one unit at a time to be tested by substitution with a known serviceable unit.

The ASI-154-1 includes test interconnect cables for the Antenna, Indicator, and R/T. A user supplied Radar Control (CON-1R/1S) is required for proper operation of the test panel. The control mounts directly on the front panel of the ASI-154-1 and can be easily interchanged with other controls as required during testing.

Test panels designed to test each unit of the RDR-1F Weather Radar System individually are also available from Avionics Specialist, Inc. These test panels are listed in the optional equipment section below.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-15-4A	2038350-0501	Cable, ASI-154-1 to RDR-1F (W101)
ASI-15-4B	2038351-0501	Cable, ASI-154-1 to PPI-1L (W102)
ASI-15-4C	2038352-0501	Cable, ASI-154-1 PWR Connector (W103)
ASI-15-4D	2038352-0501	Cable, ASI-154-1 to ANT-1T (W104)



Units Tested:

RDR-1F	CON-1R
ANT-1T	CON-1S
PPI-1L	

Specifications:

Height: 15.75" Width: 19.00" Depth: 17.00"
Power Requirements: 115 VAC 400 Hz

Optional Equipment:

ASI MN	OEM PN	Description
ASI-152-1	2038139-0501	RDR-1F Radar Test Panel (RDT-1F)
ASI-153-1	2038070-0501	ANT-1T Radar Ant Test Panel (ATT-1F)
ASI-174	2038141-0501	PPI-1 Radar Indicator Test Panel (PPT-1B)

RDR-1FB Radar System Test Panel

ASI-154-2

OEM Equivalent:

OEM: Bendix
Model Number: RCT-1FB
Part Number: 2041349-0102
Manual: I.B. 1103CT-1 / 34-43-10
Manual Figure: 1

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

Description:

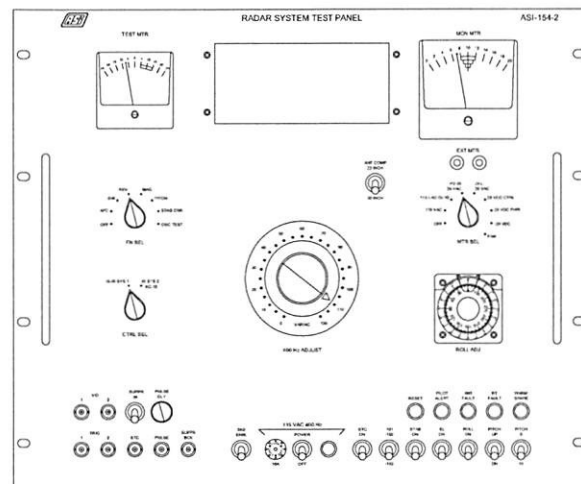
The ASI-154-2 Radar System Test Panel facilitates testing, alignment, and troubleshooting of the Bendix RDR-1FB Weather Radar System. The Test Panel assists in determining the operational status of any unit of an RDR-1FB Radar System. The ASI-154-2 is comparable to the complete aircraft radar wiring harness and, in conjunction with standard shop test equipment, allows one unit at a time to be tested by substitution with a known serviceable unit. The ASI-154-2 also includes circuitry and wiring required to test RDR-1FB(M) Radar Systems with sector scan and variable STC capability.

The ASI-154-2 includes test interconnect cables for the Antenna, Indicator, and R/T. A user supplied Radar Control (CON-1RB/1SB) is required for proper operation of the test panel. The control mounts directly on the front panel of the ASI-154-2 and can be easily interchanged with other controls as required during testing.

Test panels designed to test each unit of the RDR-1FB Weather Radar System individually are also available from Avionics Specialist, Inc. These test panels are listed in the optional equipment section below.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-15-42A	8056346-0501	Cable, ASI-154-2 to RDR-1FB/TB (W101)
ASI-15-42B	2041574-0502	Cable, ASI-154-2 to PPI-1TB (W102)
ASI-15-42C	2038352-0502	Cable, ASI-154-2 PWR Connector (W103)
ASI-15-42D	2038353-0502	Cable, ASI-154-2 to ANT-1TB (W104)
ASI-15-42E	8056342-0501	Cable, ASI-154-2 to CON-TB (W105)



Units Tested:

RTA-1TB / RTA-1FB / RTA-1FB(M)
ANT-1TB / ANT-1TB(M)
CON-1RB / CON-1SB / CON-1SB(M) / CON-1TB(M)
PPI-1TB / PPI-1TB(M)

Specifications:

Height: 15.75" Width: 19.00" Depth: 17.00"
Power Requirements: 115 VAC 400 Hz

Optional Equipment:

ASI MN	OEM PN	Description
ASI-152-2	2038139-0501	RDR-1FB Radar Test Panel (RDT-1FB)
ASI-153-2	2038270-0502	ANT-1TB Radar Ant Test Panel (ATT-1FB)
ASI-244-1	2041350-0101	PPI-1FB Radar Ind Test Panel (PPT-1FB)
ASI-252-1	2041348-0102	CON-1RB/1SB Control Test Panel (COT-1FB)

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