

RDR-1 Radar System Test Panel

ASI-171

OEM Equivalent:

OEM: Bendix
Model Number: RDT-1A
Part Number: 2037736-0501
Manual: I.B. 1101AT
Manual Figure: 1

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

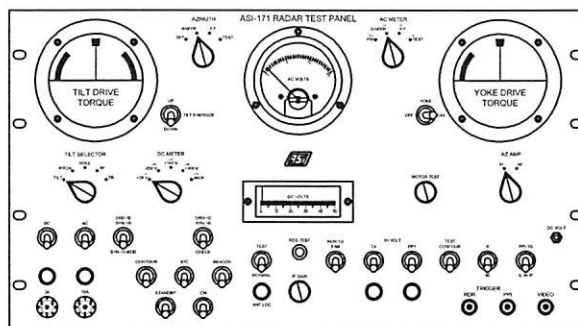
Description:

The ASI-171 Radar System Test Panel provides a centralized means for testing the receiver-transmitter, synchronizer and indicator of the Bendix RDR-1() Weather Radar Systems prior to the RDR-1F Radar System.

The ASI-171 contains circuitry for simulating the antenna and control panel, thus eliminating the need for these units on the test bench.

The ASI-171 includes three interconnect cables and a load box required for testing.

Associated test panels designed to test the RDR-1() Radar System are listed in the optional equipment section.



Units Tested:

RDR-1E	PPI-1D	PPI-1E-2	PPI-1M
RDR-1ED	PPI-1E	PPI-1G	PPI-1P
SYN-1B	PPI-1E-1	PPI-1GT	

Specifications:

Height: 10.50" Width: 19.00" Depth: 13.00"
Power Requirements: 115 VAC 400 Hz / 27.5 VDC

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-17-1A	2036958-0501	Cable, ASI-171 to RDR-1() (W1)
ASI-17-1B	2036957-0501	Cable, ASI-171 to PPI-1() (W2)
ASI-17-1C	2036959-0501	Cable, ASI-171 to SYN-1B (W3)
ASI-17-1D	NPN	Load Box, RDR/PPI (A1)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-169	2064746-0501	Portable Stabilization Test Set (RST-1A)
ASI-172	2037737-0501	Radar Test Panel (RDT-1B)
ASI-173	2037738-0501	Radar Indicator Test Panel (PPT-1A)
ASI-174	2038141-0501	Radar Indicator Test Panel (PPT-1B)

Radar Test Panel

ASI-172

OEM Equivalent:

OEM: Bendix
Model Number: RDT-1B
Part Number: 2037737-0501
Manual: I.B. 1101BT
Manual Figure: 1

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

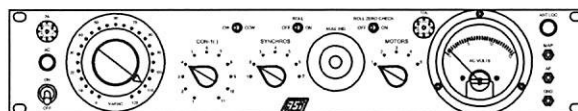
Description:

The ASI-172 Radar Test panel tests the operational functions of the Bendix CON-1 Radar Control and the ANT-1 Radar Antenna, with the exception of the antenna's RF performance.

The ASI-171 test functions are determined by a combination of front panel switches. A variac allows the user to adjust the proper test voltages. The test panel also features a dual tuning eye which indicates synchro null and rotation reference condition.

The ASI-171 includes two cables for testing the most common CON-1 Controls and ANT-1 Antennas. Other available cables are listed in the optional equipment area.

Associated test panels designed to test the RDR-1() Radar System are listed in the optional equipment section.



Units Tested:

CON-1A	ANT-1A	ANT-1J
CON-1B	ANT-1B	ANT-1L
CON-1D	ANT-1C	ANT-1M
CON-1J	ANT-1D	ANT-1N
CON-1L	ANT-1E	ANT-1P
CON-1N	ANT-1G	ANT-1S
CON-1NB		

Specifications:

Height: 3.50" Width: 19.00" Depth: 6.00"
Power Requirements: 115 VAC 400 Hz

Optional Equipment:

ASI MN	OEM PN	Description
ASI-169	2064746-0501	Portable Stabilization Test Set (RST-1A)
ASI-171	2037736-0501	Radar System Test Panel (RDT-1A)
ASI-173	2037738-0501	Radar Indicator Test Panel (PPT-1A)
ASI-174	2038141-0501	Radar Indicator Test Panel (PPT-1B)
ASI-17-2C	2037015-0501	Cable, CON-1A/B/D (W101)
ASI-17-2D	2037017-0501	Cable, CON-1NB (W103)
ASI-17-2E	2037019-0501	Cable, ANT-1G (W202)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-17-2A	2037016-0501	Cable, CON-1J/L/N (W102)
ASI-17-2B	2037018-0501	Cable, ANT-1A/B/C/D/E/J/L/M/N/P/S (W201)

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