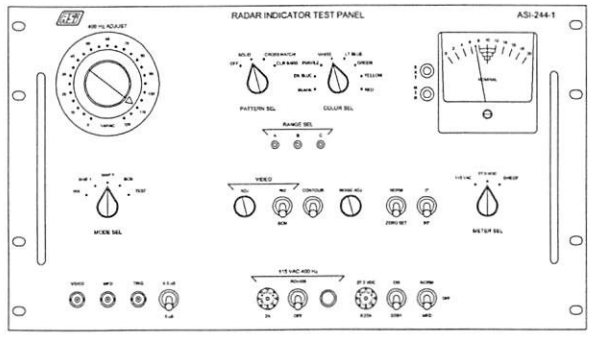
PPI-1TB Radar Indicator Test Panel — ASI-244-1

OEM Equivalent:

OEM: Bendix
Model Number: PPT-1FB
Part Number: 2041350-0101
Manual: I.B. 1103BT-1 / 34-43-09
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-244-1 Radar Indicator Test Panel facilitates testing, alignment, and troubleshooting of the Bendix PPI-1TB Weather Radar Indicator and CON-1FB SKE Range Selector.

The Test Panel contains a power supply, video generator, pattern generator, color generator, and azimuth circuitry, thus eliminating the need for other system components during testing of the PPI-1TB Radar Indicator.

The ASI-244-1 includes the PPI-1TB interconnect cable (ASI-24-4A) and the CON-1FB Test Adapter (ASI-244-3).

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

Units Tested:

PPI-1TB
CON-1FB

Specifications:

Height: 10.50" Width: 19.00" Depth: 17.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-24-4A	2039608-0501	Cable, ASI-244-1 to PPI-1TB (W101)
ASI-244-3	2039817-0501	CON-1FB Test Adapter (W102)

Optional Equipment:

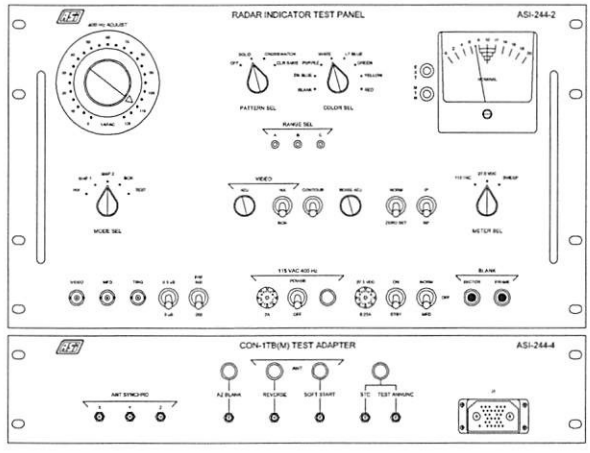
ASI MN	OEM PN	Description
ASI-152-2	2041351-0102	RDR-1FB Radar Test Panel (RDT-1FB)
ASI-153-2	2038270-0502	ANT-1TB Radar Antenna Test Panel (ATT-1FB)
ASI-154-2	2041349-0102	RDR-1FB Radar System Test Panel (RCT-1FB)

PPI-1TB(M) Radar Indicator Test Panel — ASI-244-2

OEM Equivalent:

OEM: Bendix
Model Number: PPT-1FB
Part Number: 2041350-0102
Manual: I.B. 1103BT-1 / 34-43-09
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-244-2 Radar Indicator Test Panel facilitates testing, alignment, and troubleshooting of the Bendix PPI-1TB(M) Weather Radar Indicator and CON-1TB(M) Ant Azimuth Control.

The Test Panel contains a power supply, video generator, pattern generator, color generator, and azimuth circuitry, thus eliminating the need for other system components during testing of the PPI-1TB(M) Radar Indicator. The ASI-244-2 also contains an azimuth motor drive board which simulates the ANT-1TB(M) sector scan antenna movement. This added circuitry, in conjunction with the ASI-244-4 Test Adapter, allows testing of the CON-1TB(M) Antenna Azimuth Control.

The ASI-244-2 includes the PPI-1TB(M) interconnect cable (ASI-24-42A), CON-1TB(M) Test Adapter (ASI-244-4) and cable (ASI-24-42B).

Test panels designed to test other units of the RDR-1FB(M) Weather Radar System are also available from Avionics Specialist, Inc. These test panels are listed in the optional equipment section below.

Units Tested:

PPI-1TB CON-1TB(M)
PPI-1TB(M)

Specifications:

Height: 10.50" Width: 19.00" Depth: 17.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-24-42A	2039608-0502	Cable, ASI-244-2 to PPI-1TB(M) (W101)
ASI-24-42B	8056285-0501	Cable, ASI-244-4 to CON-1TB(M) (W101)
ASI-244-4	8050799-0501	CON-1TB(M) Test Adapter

Optional Equipment:

ASI MN	OEM PN	Description
ASI-152-2	2041351-0102	RDR-1FB Radar Test Panel (RDT-1FB)
ASI-153-3	2038270-0503	ANT-1TB Radar Antenna Test Panel (ATT-1FB)
ASI-154-2	2041349-0102	RDR-1FB Radar System Test Panel (RCT-1FB)

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