

Radar Altimeter Test Panel

ASI-199

OEM Equivalent:

OEM: Bendix
Model Number: ALT-51A
Part Number: 2037120-0501
Manual: I.B. 1151AT-1 / 34-10-15
Manual Figure: 1

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

Description:

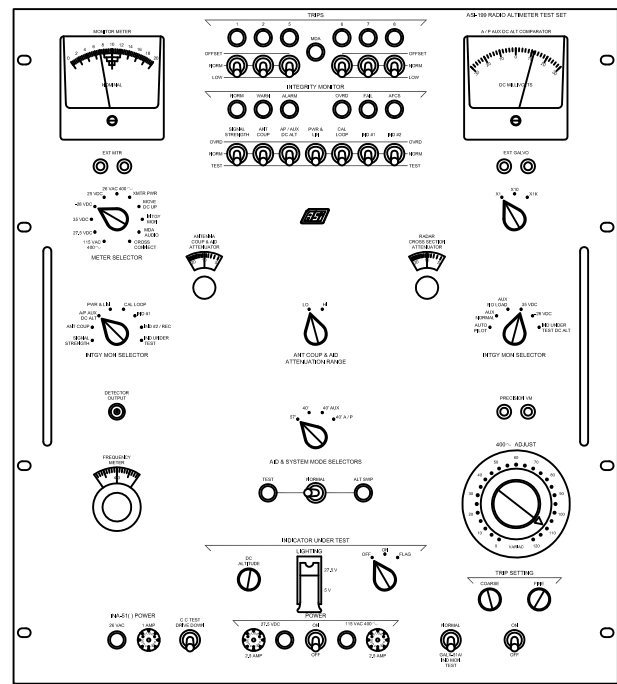
The ASI-199 Radio Altimeter Test Panel facilitates testing, adjustment, and troubleshooting of the Bendix ALA-51A Radio Altimeter and INA-51A/B/V Radio Altimeter Indicator.

The ASI-199 includes two main sections, a test panel (ASI-199-1) and a precision delay line (ASI-199-3). The ASI-199 includes all switching, metering, calibrated delays, attenuators, indicators and interconnecting cables required to operate and function test the ALA-51A Radio Altimeter System.

The Test Panel has provisions for connecting an INA-51 indicator under test in addition to connecting a test indicator to assist in the alignment and testing of the ALA-51A Radio Altimeter. Built in test features permit the servicing and calibration of indicators on the bench without the additional requirement of a known good ALA-51A Radio Altimeter.

The ASI-199 includes seven interconnecting test cables and two extender boards required testing for the ALA-51A and INA-51().

Additional items required to test the ALA-51A are listed in the Optional Equipment section below.



Units Tested:

ALA-51A INA-51B
INA-51A INA-51V

Specifications:

Height: 21.00" Width: 19.00" Depth: 13.00"
Power Requirements: 115 VAC 400 Hz / 27.5 VDC

Optional Equipment:

ASI MN	OEM PN	Description
ASI-19-9K	TT-1241	Stripline Test Adapter
ASI-19-9L	TT-3-2037042	Center Conductor Alignment Tool
ASI-19-9M	TT-6-2037042	Center Conductor Alignment Ring
ASI-19-9N		Transmitter Extender Cable
ASI-19-9P		Transmitter Test Connector
ASI-175	2037028-5103	Portable Altimeter Test Set (AMT-51A)
ASI-199-4		Transmitter Test Modulator
ASI-199-5		Transmitter Test Fixture

Radio Altimeter Precision Delay Line

ASI-199-3

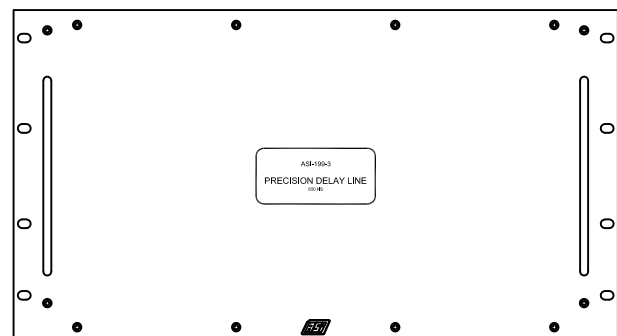
OEM Equivalent:

OEM: Bendix
Model Number:
Part Number: 2068256-0701
Manual: I.B. 1151AT-1 / 34-10-15
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-199-3 is a 650 ns Precision Delay Line required for testing the ALA-51A Radio Altimeter. While the ASI-199-3 is supplied with the ASI-199 Test Set it may also be purchased separately.



Equipment Supplied:

ASI MN	OEM PN	Description
ASI-175	2037028-5103	Portable Altimeter Test Set (AMT-51A)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-175	2037028-5103	Portable Altimeter Test Set (AMT-51A)

Units Tested:

ALA-51A INA-51B
INA-51A INA-51V

Specifications:

Height: 10.50" Width: 19.00" Depth: 19.00"
Power Requirements: Not Required