

VHF Navigation Receiver Test Panel

ASI-177-1

OEM Equivalent: Bendix
Model Number: RNT-26A
Part Number: 2064139-0501
Manual: I.B. 1126T
Manual Figure: 1

UUT: RNA-26C / RNA-26CF
RNA-34A / RNA-34AF

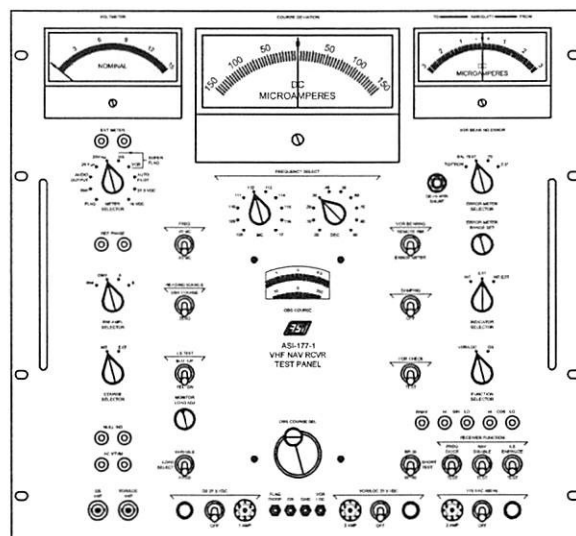
Size: H: 17.50" W: 19.00" D: 14.00"
PWR: 28 VDC / 115 VAC 400 Hz

Description:

The ASI-177-1 facilitates complete alignment, testing, and troubleshooting, of the Bendix RNA-26C and RNA-34A VHF Navigation Receivers. Testing of the RNA-34A requires ASI-420-1. The ASI-177-1 contains all of the necessary controls, switches, synchros, and wiring to simulate a single system installation. Meters and load resistors provide correct loading and accurate readout of the VOR/LOC and GS instrumentation outputs.

Optional Equipment:

ASI MN	OEM PN	Description
ASI-17-7C	2037551-0501	VHF Receiver Module RF Extender (W110)
ASI-17-7D	2037547-0501	VHF Receiver Module Extender (W111)
ASI-17-7E	2037549-0501	Power Supply Extender (W112)
ASI-17-7F	2037544-0501	LOC Module Extender (W113)
ASI-17-7G	2037546-0501	GS and LOC Monitor Module Ext (W114)
ASI-17-7H	2037545-0501	ILS Check Module Extender (W115)
ASI-17-7I	2037552-0501	RMI Servo Amp Module Extender (W116)
ASI-17-7J	2037551-0502	GS Receiver Module RF Extender (W117)
ASI-17-7K	2037548-0501	GS Receiver Module Extender (W118)
ASI-17-7L	2037159-0501	LOC Dummy Load Assy (A2)
ASI-17-7M	2037159-0502	GS Dummy Load Assy (A3)
ASI-413-2	2070776-3201	ILS Audio Generator (RIG-32A)
ASI-420-1	2041341-3401	RNA-34A Adapter Panel (RNT-34A)
ASI-420-2	3614307-3401	RNA-34AF Adapter Panel (ADT-34AF)
ASI-424-2	2070810-3301	VOR Audio Generator (RVG-33A)
ASI-502	NPN	VOR Omnibearing Reader (Control Wizard)



Equipment Supplied:

ASI MN	OEM PN	Description
ASI-17-7A	2037543-0501	RNA Test Cable (W105)
ASI-17-7B	2037550-0501	Resolver/Synchro Calibration Cable (W109)
ASI-17-7N	2037553-0501	Dummy Load Plug Assy (PR1)
ASI-17-7P	NPN	OBS (INA-21B) Cable (W103)
ASI-17-7Q	NPN	Remote RMI (IN-250) Cable (W121)
ASI-17-7R	NPN	RMI (MN-72G) Cable (W104)

VOR/ILS System Test Panel (USCG Version)

ASI-177-2

OEM Equivalent: Bendix
Model Number: RNT-260A
Part Number: 4000951-6002
Manual: TO33D7-36-34-1
Manual Figure: 1-1

UUT: AN/ARN-123

Size: H: 17.50" W: 19.00" D: 14.00"
PWR: 115 VAC 400 Hz

Description:

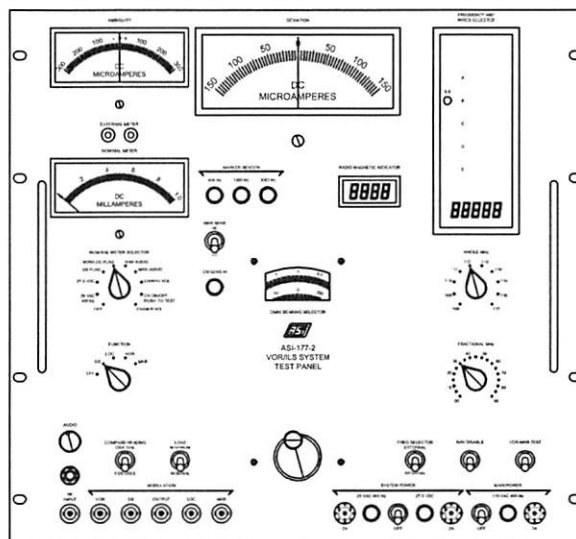
The ASI-177-2 is a special USCG version of the ASI-177 for testing the AN/ARN-123. The AN/ARN-123 cables are supplied in place of the AN/ARN-127 / AN/ARN-147 cables. See the ASI-177-2-04 (shown below) for the latest version of this test panel.

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-17-72G	3604322-0501	Receiver (R-2023 / R-2139) Cable
ASI-17-72H	3604321-0501	Nav Control Unit Test Cable
ASI-17-72C	3604380-0501	Power Cable
ASI-17-72D1	3604357-0504	GS Coax Cable
ASI-17-72E1	3604357-0505	VOR/LOC Coax Cable
ASI-17-72F1	3604357-0506	MB Coax Cable

Tested System Components:

AN/ARN-123 (R-2023 / R-2139 / C-10048 / C-10049)



VOR/ILS System Test Panel

ASI-177-2-04

OEM Equivalent: Bendix
Model Number: RNT-260A
Part Number: 4000951-6004
Manual: TO33D7-36-34-1
Manual Figure: 1-1

UUT: AN/ARN-123 / AN/ARN-127
AN/ARN-147 / RN-260B

Size: H: 17.50" W: 19.00" D: 14.00"
PWR: 115 VAC 400 Hz

Description:

The ASI-177-2-04 is a multi-function VOR/ILS Test Panel used for testing and aligning airborne navigation receiver systems including the AN/ARN-127, AN/ARN-127, AN/ARN-147, and RN-260B. See the ASI-177-2 (shown above) for special USCG version of this panel.

Tested System Components:

AN/ARN-123 (R-2023 / R-2139 / C-10048 / C-10049) (Req. Optional Cables)
AN/ARN-127 (R-2032 / C-10124 / C-10125 / C-10218 / C-10490)
AN/ARN-147 (R-2325(V)1 / R-2325(V)2 / VIR-130A)
RN-260B (RN-262B / CN-261A / CN-268A / CN-269A)

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-17-72A	3604050-0501	Receiver (R-2032 / R-2325 / RN-262B) Cable
ASI-17-72B	3604049-0501	Nav Control Unit Test Cable
ASI-17-72C	3604380-0501	Power Cable
ASI-17-72D	3604357-0501	GS Coax Cable
ASI-17-72E	3604357-0502	VOR/LOC Coax Cable
ASI-17-72F	3604357-0503	MB Coax Cable

Optional Equipment:

ASI MN	OEM PN	Description
ASI-17-72G	3604322-0501	Receiver (R-2023 / R-2139) Test Cable
ASI-17-72H	3604321-0501	Control (C-10048 / C-10049) Test Cable
ASI-17-72J		Bench Mock-Up for AN/ARN-147 / VIR-130A
ASI-17-72K	687-4041-001	1553B Adapter (AN/ARN-147 To DCM-1553)
ASI-413-2	2070776-3201	ILS Audio Generator (RIG-32A)
ASI-424-2	2070810-3301	VOR Audio Generator (RVG-33A)