

ILS Receiver Test Panel

ASI-413-1

OEM Equivalent:

OEM: Bendix
Model Number: RIT-32A
Part Number: 2070809-3201
Manual: I.B. 1132AT / 34-36-01
Manual Figure: 1

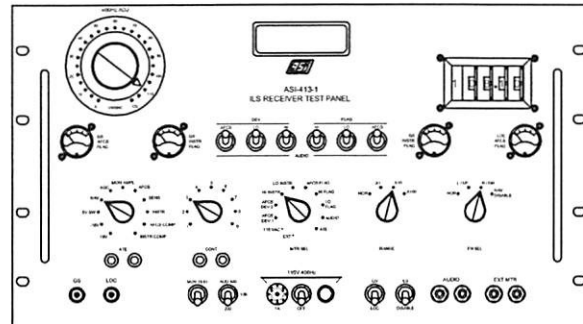
This unit is manufactured to replace the OEM MN, PN, and/or manual figure listed in Form, Fit, and Function.

Description:

The ASI-413-1 ILS Receiver Test Panel facilitates testing, alignment, and troubleshooting of the Bendix RIA-31A ILS Navigation Receiver.

The ASI-413-1 contains all necessary loads and switches required to simulate a single system installation required by the RIA-32A Receiver. In addition, meters and switches are provided to accurately measure all of the output voltages and currents from the RIA-32A instrumentation circuits as well as from the ATE connector.

The ASI-413-1 includes the interconnecting cable (ASI-41-31A) required for testing the RIA-32A.



Units Tested:

RIA-32A

Specifications:

Height: 15.00" Width: 19.00" Depth: 10.50"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
ASI-41-3A	2038683-0501	Cable, ASI-413-1 to RIA-32A (W101)

Optional Equipment:

ASI MN	OEM PN	Description
ASI-413-2	2070776-3201	ILS Audio Generator (RIG-32A)

ILS Audio Generator

ASI-413-2

OEM Equivalent:

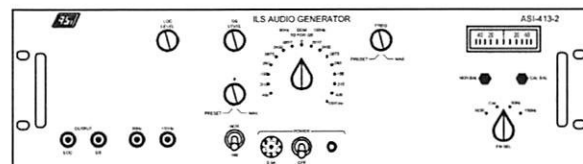
OEM: Bendix
Model Number: RIG-32A
Part Number: 2070776-3201
Manual: I.B. 1132AT / 34-36-02
Manual Figure: 1

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

Description:

The ASI-413-2 ILS Generator functions as a primary modulation standard to test and calibrate airborne ILS receivers including the Bendix RIA-32A and RNA-34A.

The ASI-413-2 provides the stable, precision 90 and 150 Hz tone signals required to modulate RF signal generators used for testing and alignment of airborne ILS receivers. The design of the unit allows flexibility for interfacing with existing RF signal generators. The 90 and 150 Hz localizer and glide slope modulation signals, generated by the ASI-413-2, have a high degree of frequency and amplitude stability, which is maintained by an automatic calibration loop. Front panel switching is provided for selection of various differences in the depth of modulation (DDM) test signals for both localizer and glide slope functions.



Units Tested:

RIA-32A
RNA-34A

Specifications:

Height: 5.25" Width: 19.00" Depth: 12.00"
Power Requirements: 115 VAC 400 Hz

Equipment Supplied:

ASI MN	OEM PN	Description
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Optional Equipment:

ASI MN	OEM PN	Description
ASI-177-1	2064139-0501	VHF Receiver Test Panel (RNT-26A)
ASI-413-1	2070809-3201	ILS Receiver Test Panel (RIT-32A)
ASI-420-1	2041341-3401	VHF Receiver Test Panel (RNT-34A)

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