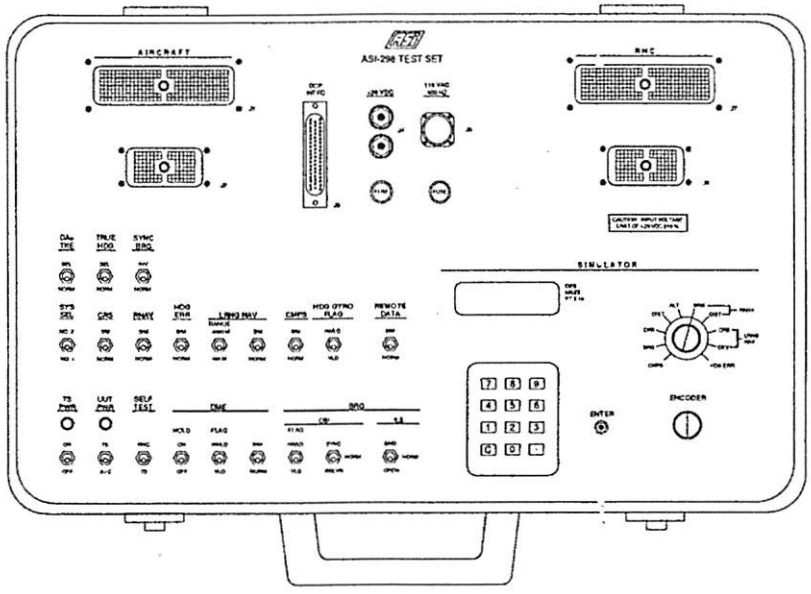

This unit is manufactured to replace the OEM model and/or part number listed below in form, fit, and function.

Equivalent OEM: Rockwell Collins
Equivalent MN: CTS-301
Equivalent PN: 622-5225-001
Manual Figure:

Units Tested:
RNS-300( ) Radar Navigation System

Description of Operation:

The ASI-298 Radar NAV Test Set is a portable unit configured to test the RNS-300( ) Radar Navigation System on the bench or in the aircraft. The Test Set provides all signals and switching needed to test each of the operating modes of the RNS-300( ) system, one side at a time. The ASI-298 is programmed to provide two sets of preset input conditions, one for the No. 1 side and the other for the No. 2 side. This information may be changed manually to provide any combination of navigational situations within the range of the RNS-300( ) operating parameters.

The ASI-298 comes complete with interconnect cables and is housed in a rugged suitcase container.

Specifications:
Height: 13.30" Width: 21.30" Depth: 5.00" Power: 28 VDC and 115 VAC 400 Hz

Equipment Supplied:

ASI MN	Equivalent PN	Description
ASI-29-8A	634-9782-001	Cable: ASI-298 to RNC-300( ) mount (in-aircraft test, W1)
ASI-29-8B	634-9783-001	Cable: ASI-298 to RNC-300( ) (in-aircraft or bench test, W2)
ASI-29-8C	634-9784-001	Cable: ASI-298 to DCP-320 / 325 (bench test only, W3)
ASI-29-8D	634-9785-001	Cable: DCP-320 / 325 to Indicator (in-aircraft or bench test, W4)
ASI-29-8E	634-9786-001	Cable: 115 VAC Power (bench test only, W5)
ASI-29-8F	634-9845-001	Cable: 28VDC to Indicator (allows operation without WXR-250A Radar R / T, W7)

Optional Equipment:

ASI MN	Equivalent PN	Description
ASI-297	622-9296-001	Generator Test Set (used for alingment of IND-300 Indicator)

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1-27-2020