

Antenna Coupler Test Set**ASI-208**

Description of Operation:
The ASI-208 provides testing of the Collins 490S-1 Antenna Coupler.

Equivalent OEM: Collins
Equivalent MN: 980H-5
Equivalent PN: 777-1526-001

Units Tested:
490S-1

The ASI-208 includes the ASI-208-1/-2/-3/-4/-5 mounted in a rugged case.

Equipment Supplied:

ASI-208-1	Discriminator Test Panel (878L-19D)
ASI-208-2	Power Panel (617-9736-001)
ASI-208-3	Servo-Power Supply Test Panel (878L-39)
ASI-208-4	Tuner Chassis Test Panel (878L-40)
ASI-208-5	Logic Card Test Set (878L-41)

The ASI-208-1 /-2 /-3 /-4 may be purchased together (without the ASI-208-5) under the model number ASI-208-6 (EQ CMN 973K-1 / PN 622-0337-001)

Discriminator Test Panel**ASI-208-1**

Description of Operation:
The ASI-208-1 permits testing and alignment of the discriminator module contained in the 490S-1 Antenna Coupler. The discriminator error signals are monitored by a meter on the front panel of the ASI-339-1

Equivalent OEM: Collins
Equivalent MN: 878L-19D
Equivalent PN: 622-0226-001

Units Tested:
490S-1 Discriminator Module

Equipment Supplied:

ASI-20-81A	Module Extender Adapter (617-9781-001)
ASI-20-81B	W1 RF Cable (617-9760-001)

Equipment Specifications:

Height: 5.25" Width: 19.00" Depth: 7.125"

Power Panel**ASI-208-2**

Description of Operation:
The ASI-208-2 Power Panel controls AC power input into the ASI-208. One power cable is supplied with the panel.

Equivalent OEM: Collins
Equivalent MN:
Equivalent PN: 617-9736-001

Units Tested:

Equipment Specifications:

Height: 1.75" Width: 19.00" Depth: 2.25"

Equipment Supplied:

ASI-20-82A	Power Cable (608-9941-001)
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Servo-Power Supply Test Panel**ASI-208-3**

Description of Operation:
The ASI-208-3 permits testing of the 490S-1 servo amplifier and power supply circuit cards.

Equivalent OEM: Collins
Equivalent MN: 878L-39
Equivalent PN: 622-0227-001

Units Tested:
490S-1 Servo Amp Card
490S-1 Power Supply Card

Equipment Supplied:

ASI-20-83A	W1 Cable (617-9770-001)
ASI-20-82A	Power Cable (608-9941-001)

Equipment Specifications:

Height: 5.25" Width: 19.00" Depth: 7.25"

Tuner-Chassis Test Panel**ASI-208-4**

Description of Operation:
The ASI-208-4 is used to check the 490S-1 chassis wiring continuity and tuner module operation without applied RF voltage.

Equivalent OEM: Collins
Equivalent MN: 878L-40
Equivalent PN: 622-0228-001

Units Tested:
490S-1 Tuner Module
490S-1 Chassis Wiring

Equipment Supplied:

ASI-20-84A	W1 Cable (609-9433-001)
ASI-20-84B	W2 Cable (609-9459-001)
ASI-20-84C	W3 Cable (609-9487-001)
ASI-20-82A	Power Cable (608-9941-001)

Equipment Specifications:

Height: 5.25" Width: 19.00" Depth: 7.25"

Logic Card Test Set**ASI-208-5**

Description of Operation:
The ASI-208-5 is used to perform a complete test of the 490S-1 interface logic and control logic cards. The cards under test connect directly to the test set.

Equivalent OEM: Collins
Equivalent MN: 878L-41
Equivalent PN: 622-0229-001

Units Tested:
490S-1 Interface Logic Card
490S-1 Control Logic Card

Equipment Supplied:

ASI-20-85A	2A1 Program Board (609-9410-001)
ASI-20-85B	2A2 Program Board (609-9410-002)
ASI-20-85C	2A3 Program Board (609-9411-001)
ASI-20-85D	2A4 Program Board (609-9411-002)
ASI-20-85E	2W1 Cable (608-9942-001)
ASI-20-85F	2W2 Cable (608-9862-001)

Equipment Specifications:

Height: 9.75" Width: 21.75" Depth: 20.125"

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