

Antenna Coupler Test Set**ASI-339**

Description of Operation:
The ASI-339 provides testing of the 309A-17 Coupler Control and modules/circuit cards from the 180R-17.

Equivalent OEM: Collins
Equivalent MN: 980H-6
Equivalent PN: 777-1534-001

Units Tested:
AT-107
180R-17
309A-17

The ASI-339 includes the ASI-339-1, ASI-339-2, ASI-339-3, ASI-339-4, and ASI-339-5 in a rugged case.

Equipment Supplied:

ASI-339-1	Discriminator Test Panel (878L-19A)
ASI-339-2	Electronic Control Amp Test Panel (878L-28)
ASI-339-3	Coupler Control Test Panel (878L-29)
ASI-339-4	Coupler Circuit Card Test Panel (878L-30)
ASI-339-5	Power Panel (792-0070-001)

Equipment Specifications:

Height: 24.50" Width: 22.00" Depth: 24.50"

Discriminator Panel**ASI-339-1**

Description of Operation:
The ASI-339-1 permits testing and alignment of the discriminator module contained in the 180R-17 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-19A
Equivalent PN: 772-5291-001

Units Tested:
180R-17

Equipment Supplied:

ASI-33-91A	RF Cable
ASI-33-91B	Housing (772-6874-001)
ASI-33-91C	Housing (772-6875-001)

Equipment Specifications:

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

Electronic Control Amplifier Test Panel**ASI-339-2**

Description of Operation:
The ASI-339-2 permits testing of the 180R-17 Antenna Coupler servo amplifier circuit board assembly and output amplifier module. Two cables and a card holder are supplied with the test panel.

Equivalent OEM: Collins
Equivalent MN: 878L-28
Equivalent PN: 777-1856-001

Units Tested:
180R-17

Equipment Supplied:

ASI-33-92A	3W2 Cable (791-3393-001)
ASI-33-92B	Card Extender (791-3381-001)
ASI-33-9A	3W1 Cable (775-9706-001)

Equipment Specifications:

Height: 3.50" Width: 19.00" Depth: 7.25"

Coupler Control Test Panel**ASI-339-3**

Description of Operation:
The ASI-339-3 permits complete testing of the 309A-17 Coupler Control. The ASI-339-3 also tests the coupler control interface card, coupler control sequence logic, and self test card.

Equivalent OEM: Collins
Equivalent MN: 878L-29
Equivalent PN: 777-1857-001

Units Tested:
309A-17

Equipment Supplied:

ASI-33-93A	Card Holder (792-0055-001)
ASI-33-93B	Cable Adapter (792-0042-001)
ASI-33-93C	Card Extender (787-8303-001)
ASI-33-93D	2W1 Cable (792-0031-001)
ASI-33-93E	2W2 Cable (792-0032-001)
ASI-33-9A	2W3 Cable (775-9706-001)

The test panel includes a cardholder, cable adapter, card extender, and three cables.

Equipment Specifications:

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

Coupler Circuit Card Test Panel**ASI-339-4**

Description of Operation:
The ASI-339-4 tests the digital no 1, digital no 2, band information, and analog circuit card assemblies of the 180R-17. The test panel includes a card holder and two cables.

Equivalent OEM: Collins
Equivalent MN: 878L-30
Equivalent PN: 777-1858-001

Units Tested:
180R-17

Equipment Supplied:

ASI-33-94A	Card Holder (791-3366-001)
ASI-33-94B	1W2 Cable (787-8891-001)
ASI-33-9A	1W1 Cable (775-9706-001)

Equipment Specifications:

Height: 3.50" Width: 19.00" Depth: 7.25"

Power Panel**ASI-339-5**

Description of Operation:
The ASI-339-4 Power Panel controls AC power input into the ASI-339.

Equivalent OEM: Collins
Equivalent MN:
Equivalent PN: 792-0070-001

Units Tested:

Equipment Supplied:

ASI-33-95A	Power Cable (792-0202-001)
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Equipment Specifications:

Height: 1.75" Width: 19.00" Depth: 2.00"

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