

ACTION ITEM NO: 1-101

DATE SUBMITTED: 18 JUN 99

SUBMITTED BY: CG SECOND MAW

PROBLEM:

Environmental Control Units (ECU) Recharge.

DISCUSSION:

Currently, (ECU)'s are charged through the high-pressure side, which is vapor only. It can be charged in very limited quantities, (1) one lb. or less of liquid through the high-side, but, this is dangerous to the technician and can damage the unit. Now, when a technician charges a unit it is extremely time consuming and potentially dangerous as with any dealing with high pressure.

RECOMMENDATION:

It is recommended that an inlet valve be installed just after the outdoor coil, just before the dryer. This used to be on the old HBO models and was liquid fill, which is low pressure. Not only is this safe, but (ECU)'s can be recharged and reclaimed in a matter of minutes vice hours.

STATUS: 07 JUL 99

ACTION AGENCY:

TBD

COMPLETION DATE:

TBD

STATUS: 15 JUL 99

ACTION AGENCY:

NAWCADLKE (Code 3.1.4.4)

Open. NAWCADLKE Code 3.1.4.4 will investigate and provide findings.

COMPLETION DATE:

01 FEB 00

STATUS: 13 JAN 00

Closed. As per NAWCADLKE Code 3.1.4.4, NAVAIR Manual 19-60-83, 3-Ton ECU, and NAVAIR Manual 19-60-89, 5-Ton ECU, identifies procedure.

STATUS: 15 JUN 00

ACTION AGENCY:

NAWCADLKE (Code 3.1.4.4)

Open. NAWCADLKE Code 3.1.4.4 re-opened Action Item No. 1-101 during Logistics Review Group (LRG) Meeting held

at New Orleans, La. on 15 Jun 2000 to review the possibility of modifying present ECU units to allow for a liquid-fill procedure and subsequently incorporate a liquid-fill procedure in the ECU Maintenance Manual.

COMPLETION DATE:

01 SEP 00