



Product Manager Firefinder
PEO Intelligence, Electronic Warfare and Sensors
Fort Monmouth, New Jersey 07703-5000

Maintenance Bulletin

AN/TPQ-37 Radar Systems	FILE NO: 167	REVISION:
SUBJECT: Safety Alert: Replacement of ATG High Voltage Access Panels	DATE: 09/30/04	CATEGORY: O/DS Maintenance
	SYSTEM AFFECTED: AN/TPQ-37 All Versions	

1. Reference.

TPQ-37 System Maintenance Manual.

Diagram Referring to Access panels labeled "Caution". Illustration #'s 71, 72, and 49.

TM 11-5840-355-20-1

TM 11-5840-355-30-1

BACKGROUND: Many Q-37 radar units in Iraq have implemented air conditioning as a solution to operating their radars in the high temperature environment. In some cases compartment cover panels have been removed and SAFETY INTERLOCKS bypassed to allow the equipment to run with these doors off. For EMI, SAFETY, and CLEANLINESS reasons the radar design dictates that these panels be installed during normal operations.

2. Scope. ALL ANTPQ-37's in U.S. Army Inventory. This is a Safety Issue which requires Field Units to replace all High Voltage Access Panels after performing inspection and/or maintenance on the ANTPQ-37 ATG.
3. Tools and Support Equipment. All tools required for High Voltage Panel Replacement can be obtained from the Maintenance Toolbox.
4. Description. All High Voltage Access Panels, Receiver-Exciter Access Panels, and Antenna Access Panels previously removed from the ATG and PPG (i.e. closing the cover on the Power Distribution Box) must be replaced due to Safety concerns, External Contaminant Accumulation and EMI issues.
5. Source, Supplies and Approximate Costs. NO COST - The Field Units that removed their Access panels should have them readily available for replacement.
6. POC email addresses for Information Sources.

Mike Courson: michael.courson@jews.monmouth.army.mil

Scott Allen: j.scott.allen@jews.monmouth.army.mil

APPROVED BY LOGISTICS MANAGER: Walter Tyson, PMFF DATE: 9/30/04



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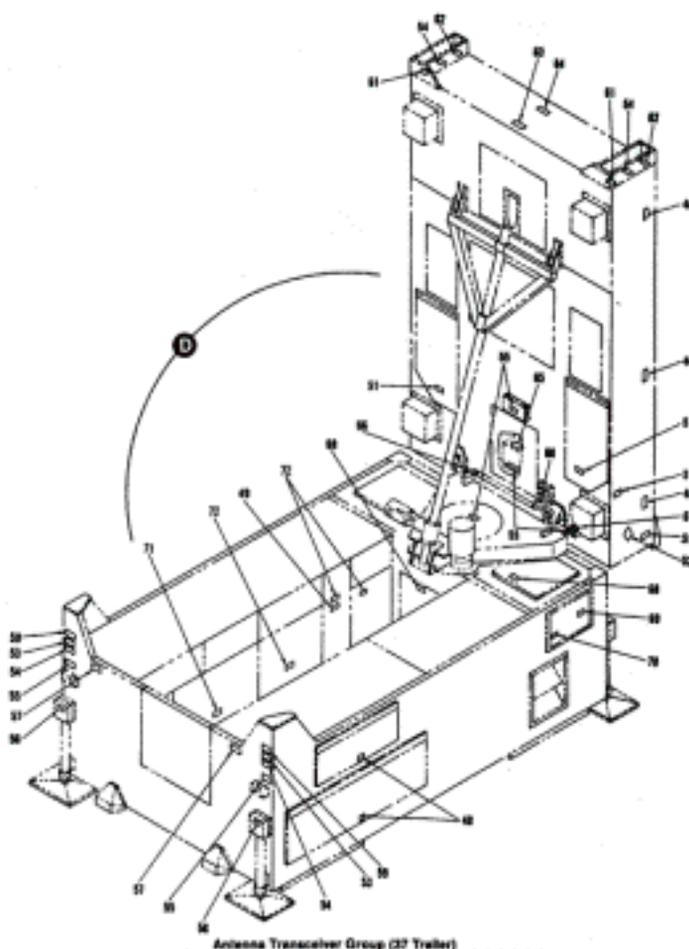
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