

RTTUZYUW RHSSXYZ0001 0382059-UUUU--RHSSSUU.

ZNR UUUUU

R 072033Z FEB 06

FM CG MARCORSYSCOM QUANTICO VA GTES(UC)

TO COMMARFORCOM G3-5-7

COMMARFORCOM G-4

COMMARFORCOM

COMMARFORPAC G3

COMMARFORPAC G4

COMMARFORPAC

COMMARFORRES FAC

COMMARFORRES G3

COMMARFORRES G4

COMMARFORRES

CG MCCDC QUANTICO VA TFS

CG MCCDC QUANTICO VA

CG MARCORLOGCOM ALBANY GA

CG I MEF G-3

CG I MEF G-4

CG I MEF

CG II MEF G3

CG II MEF G4

CG II MEF

CG III MEF G-3

CG III MEF G-4

CG III MEF

CG MCCDC QUANTICO VA

INFO CMC WASHINGTON DC L LP

CG 1ST MARDIV G-4

CG 2ND MARDIV G4

CG 3RD MARDIV G-4

CG 1ST MLG G-3

CG 1ST MLG G-4

CG 2D MLG G4

CG 3D MLG G-4

CG 1ST MAW G-4

CG 2ND MAW G4

CG 3RD MAW G4

CG MARCORSYSCOM QUANTICO VA

CG MARCORSYSCOM QUANTICO VA GTES

BLOUNT IS CMD JACKSONVILLE FL

MARCORENGSCOL CAMP LEJEUNE NC

BT

UNCLAS

MSGID/GENADMIN/COMMARCORSYSCOM/GTES/PMM153/VA

SUBJ/PRECAUTIONARY MESSAGE, 3KW TACTICAL QUIET GENERATOR (TQG) SET, TAMCN: B0730, NOMEN: MEP- 831A (60HZ) (NSN: 6115-01-285-3012) REF/ A) CECOM GROUND PRECAUTIONARY MESSAGE (GPM) (CECOM GPM 2006-001) ; 3KW TACTICAL QUIET GENERATOR (TQG) SET, B0730, 3KW MEP-831A, NSN 6115-01-285-3012

B) TM 10155A-OI/1, 3KW TACTICAL QUIET GENERATOR SET

POC/CWO4 GOOD/COMMARCORSYSCOM/DSN 378-3610/TEL (703) 432-3610 RMKS/ 1. REF A PROVIDES A PRECAUTIONARY SAFETY MESSAGE REGARDING SUBJECT MATTER 2. BACKGROUND. AN ACCIDENT WAS REPORTED WHICH INDICATED THAT A FIRE STARTED IN A 3 KW TQG AFTER THE TQG RAN FOR APPROXIMATELY 20 MINUTES.

THE TQG WAS DAMAGED BY THE FIRE, AND THERE WAS NO REPORT OF PERSONNEL INJURY.

3. FINDINGS. THE INSPECTION OF THE DAMAGED TQG INDICATED THAT THE MUFFLER MOUNTING BOLTS, LOCK WASHERS, AND FLAT WASHERS WERE MISSING.

THIS CAUSED THE NON-SECURED MUFFLER TO CRACK FROM NORMAL ENGINE VIBRATION VENTING HOT EXHAUST GASES INTO THE ACOUSTIC ENCLOSURE CAUSING THE FIRE.

BASED ON LOW FAILURE HOURS OF THIS TQG, IT IS SUSPECTED THAT THE MOUNTING BOLTS MIGHT NOT HAVE BEEN INSTALLED WITH ADEQUATE LOCK WASHERS OR LOCTITE AT THE FACTORY.

4. USER ACTIONS. A) UPON RECEIPT OF THIS MESSAGE, INSPECT THE MOUNTING BOLTS, AS CITED IN ITEM NO. 12, TABLE 4-2, UNIT PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) OF REFERENCE B. ALSO, PERFORM WEEKLY INSPECTION OF THE MOUNTING BOLTS AS REQUIRED IN THE UNIT PMCS. B) INSTALL AND TIGHTEN THE REPLACEMENT BOLTS (NSN: 5305-01-303-5631, P/N: B18231B08020N), LOCK WASHERS (NSN: 5310-01-476-9079, P/N: 98-19664-03), FLAT WASHERS (NSN: 5310-01 -476-9081, P/N: 88-20033-19A) PER UNIT MAINTENANCE PROCEDURES IN CHAPTER 4, SECTION VI, ITEM 4-54, STEP NO. 5 UNDER INSPECT HEADING ON PAGE 4-167 OF REFERENCE B, WHICH STATES THE PROCEDURE TO INSPECT/REMOVE/ REPLACE AS NEEDED IF BOLTS ARE FOUND MISSING, CRACKED OR RUSTED. REFER TO APPENDIX B, SECTION II, REPAIR PARTS LISTS, PAGE C-103 AND FIGURE 37, ITEMS: 13 (LOCK WASHER), 14 (FLAT WASHER), AND 16 (REPLACEMENT BOLT - HEXAGON CAP SCREW) FOR ADDITIONAL SUPPLY INFORMATION.

C) INSPECT, TIGHTEN, OR REPLACE ALL MUFFLER MOUNTING HARDWARE PRIOR TO THE NEXT USE AND THEREAFTER. ENSURE THAT OPERATORS AND MAINTAINERS INSPECT MUFFLER AND HARDWARE, AS REQUIRED BY THE PREVENTIVE MAINTENANCE CHECKS AND SERVICES CITED IN TABLE 4-2 OF REFERENCE B.

4. WARNING. IF ACTIONS SPECIFIED IN THIS MESSAGE ARE NOT IMPLEMENTED, SERIOUS PERSONNEL INJURY AND EQUIPMENT DAMAGE COULD OCCUR AS A RESULT OF FIRE BT

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