

FLY MSG N TIME RADRY
24020 1714 240/85

IMMEDIATE

CORRECTED COPY

0200HR 940TH 453FTS NAVY AERO COMM DPC DPN COMSEC LGT ACF ACD OSI HCAK CAP D00C
D0J AUDITOR 2CAF ADC JA DOTM D00S SSF SS FC
D4PD ACE DET T/A FTM/CC ASG/CC MA XPR LGS SE WEA PA W/00 XPMT LGC FCS SG 0T

001 ZELY RULNERA0011 0501430-0000-RUMHDTA

001 0000 POL CCH RULNERA (DTG)

0 011152 MAR 85 ZEX

0 0000 OAC EA APG NO //MGS-AVN-L//

TO AIG 7401

AIG 7305

00CT DA-BHCSVD

0 011230Z MAR 85

FM COMNAVSCOM STL NO //ANSAY-REM//

TO AIG 8881

RUEHRO/US EMBASSY ROME ITALY //00C/ PASS TO HQ MPO/

RUCLEFA/US EYN PROT AGY PO BOX 15027 LAS VEGAS NV

RUCLEFA/US EYN PROT AGY REGION II 20 FEDERAL PLAZA NY NY

RUCLEVA/COMUSAVMC FT RUCKER AL //ATZQ-DI-AD/FOR NOAA

HELICOPTER GROUP//

RUEHIN/AIT TAIPEI TAIWAN

RUEHC/AIT WASH DC

RUEHSH/COMUSMILGP SAN SALVADOR EL SALVADOR //SCES-AF//

RUESBG/COMUSMILGP BOGOTA COLUMBIA //SCCO-AFDCN//

RUCDCDA/COMNIDCOM REDSTONE ARS AL //AMSMI-ST//

RUEVHAD/US CUSTOMS SERVICE DEPT OF TREASURY WASH DC

INFO AIG 9004

AIG 7315

RUEHNY/USDAO TEL AVIV ISRAEL

RUEHC/SECSTATE WASH DC //NEA/MFO//

RUEAFNA/DISC PHILADELPHIA PA //OEBB-JU//

RUEHBT/CHUSAC BANGKOK THAILAND

RAYRAC/MOENG MELBOURNE AUSTRALIA //OPHEL-AF//

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RAYMPP/DEFAIR CANBERRA AUSTRALIA //SOAIR ENG//

RUEVDL/USDA FOREST SERVICE PO BOX 2417 WASH DC

//COOPERATIVE FIRE PROTECTION//

00CT DA-BHCSVD

BT

UNCLAS

SECTION 01 OF 02

NOTE - THIS IS A SAFETY OF FLIGHT, TECHNICAL MESSAGE RELEASED IN ACCORDANCE WITH AR 95-18, DATED 1 MAY 1980 AND HAS NOT, REPEAT, HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO ADDRESSEES. ADDRESSEE SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED. THE RETRANSMITTAL SHALL REFERENCE THIS MESSAGE ACTION ADDRESSEES WILL IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, AVSCOM, ATTN - ANSAY-REM.

SUBJECT - SAFETY OF FLIGHT, TECHNICAL MESSAGE SUPPLEMENTING MESSAGE A BELOW FOR THE MAGNETIC PARTICLE INSPECTION OF UH-1 TURNBUCKLES. MSG SJ40-00-845-7927 (UH-1-85-02)

AVSCOM ANSAY-R 281900Z DEC 84 (U). SUBJECT - ONE TIME SAFETY OF FLIGHT INSPECTION OF ALL UH-1H/V AND EH-1H/X AIRCRAFT. ALL SERIAL NUMBERS (UH-1-84-12) (TO 1520-20-242-2012)

ARMY

1735

Telephone Contact Unsuccessful
Please Contact the Liaison
Section of the Commanding General's Staff
Correct Procedures

UH-1-85-02
UH-1 turnbuckles

50F-2

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PURPOSE -

- A. TO ESTABLISH A STANDARDIZED PROCEDURE FOR THE MAGNETIC PARTICLE INSPECTION REQUIRED IN REFERENCE A.
- B. TO REVISE PART DISPOSITION INSTRUCTIONS ORIGINALLY PROVIDED IN REFERENCE A.

2. BACKGROUND - THE FIELD HAS EXPRESSED CONCERN THAT TOO MUCH VARIANCE EXISTS IN THE MAGNETIC PARTICLE INSPECTION PROCEDURE REQUIRED IN REFERENCE A WHICH MAY RESULT IN A HIGH FALSE REJECTION RATE OF SUBJECT TURBUCKLE. CURRENTLY, THIS COMPONENT IS IN A VERY CRITICAL SUPPLY POSITION.

3. INSPECTION PROCEDURES -

- A. ONE HALF INCH DIAMETER CENTRAL BAR CONDUCTOR, COPPER.
 - (1) MAKE FROM NSN 9330-00-167-1972, (OR EQUIVALENT) METAL BAR, COPPER, 6 FT LONG.
 - (2) CUT BAR TO 18 IN LONG.
- B. MAGNETIC PARTICLE, NET BATH, FLUORESCENT PARTICLE.
 - (1) P/M MAGNAFLUX/MAGNAGLO CONCENTRATE 10A, OR 14A (POWER) (OR EQUIVALENT), LOCAL PURCHASE, 4 OUNCE CAN.
 - (2) P/M MAGNAFLUX/MAGNAGLO CARRIER, OR CARRIER I (LIQUID) (OR EQUIVALENT), LOCAL PURCHASE.

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- (A) FIVE GALLON PAIL OR CAN P/M 1-2120-40, FSCN 37676 (OR EQUIVALENT).
- (B) FIFTY-FIVE GALLON DRUM P/M 1-2120-45, FSCN 37676 (OR EQUIVALENT).
- (C) PPE-PREPARED MAGNETIC PARTICLE BATH, FLUORESCENT.
 - (A) TWELVE OUNCE AEROSOL CAN P/M 14AN, NSN 6430-00-441-1347, FSCN 37676 (OR EQUIVALENT).
 - (B) FIVE GALLON PAIL OR CAN P/M 14AN (OR EQUIVALENT).
- C. MAGNETIC PARTICLE INSPECTION UNIT, STATIONARY, NET BATH, AC OR DC WITH 100 WATT BLACK LIGHT.
 - (1) NSN 6435-00-199-2431, P/M H-620, FSCN 37676 (AC) (OR EQUIVALENT).
 - (2) NSN 6435-00-947-6768, P/M DRC-523, FSCN 37676 (AC) (OR EQUIVALENT).
 - (3) NSN 6435-01-004-8890, P/M H-720, FSCN 37676 (DC) (OR EQUIVALENT).
- D. MAGNETIC PARTICLE TEST TECHNIQUE - USE AC OR DC MAGNETIC PARTICLE INSPECTION UNIT, STATIONARY NET BATH.
 - (1) PREPARE TEST EQUIPMENT IAW TM 43-0103 CHAPTER 2.

BT
#0011

COMPLETE UNIT IDENTIFICATION

SHIPPING ADDRESS

POINT OF CONTACT AND TELEPHONE NUMBER

CCAO WILL PROVIDE DEDICATED SUPPORT TO THIS PROJECT. TURNBUCKLES WILL BE PROCESSED BY CCAO IN THE ORDER OF PRIORITY RECEIVED, AND RETURNED VIA OVERNIGHT MAIL. UNITS WILL BE CALLED AND NOTIFIED AS TO THE NUMBER OF TURNBUCKLES, 800 AND 6000.

7 THIS MESSAGE ALSO APPLIES TO THOSE TURNBUCKLES CURRENTLY INSTALLED ON THE AIRCRAFT IN SUPPLY STATUS, AND MAINTENANCE TRAINERS (CATEGORY A AND B)

8 THOSE TURNBUCKLES THAT HAVE PREVIOUSLY BEEN INSPECTED AND REJECTED, IF STILL AVAILABLE, SHOULD BE SENT TO CCAO FOR FURTHER ANALYSIS

9 THE FIELD SHOULD BE RECEIVING NEW TURNBUCKLES ON OR ABOUT 1 MARCH 1965. THE NEW TURNBUCKLES WILL BE IDENTIFIED WITH AN FSCR OF "05004" AND WILL NOT REQUIRE FURTHER INSPECTION.

10 THERE WILL NOT BE ANY RECORDING OR REPORTING REQUIREMENTS FOR THIS MESSAGE.

11 POINT OF CONTACT FOR THIS COMMAND IS MR. CHUCK HOLTGREVEN.

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ANTHONY 600-1248 OR COMMERCIAL (714) 263-1248.

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MMN