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APR 24 01 09 '75

orig to DA
cys sent to: EN
SE

Lgd/610425

(Refer to #17)

BTTEZYUW RUCIMAA3054 113200Z-EEEE--RUCLELA.
ZNY EEEEE
P 231036Z APR 75
FM MAC SCOTT AFB IL
TO AIG 8333
ZEN/375AAW SCOTT AFB IL
BT

APPRO

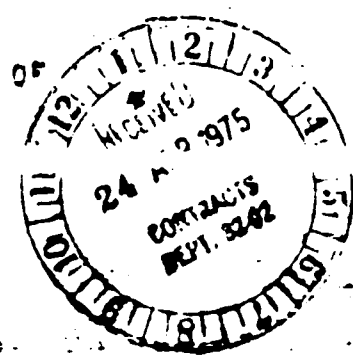
UNCLAS E F T O
FOR MAINT. SUBJ: ONE-TIME INSP C-5A SEAT INSTALLATION. THIS MSG
IN FOUR PARTS, PART ONE, THE FOLLOWING PARTIAL QUOTE OF ACCIDENT
INVESTIGATION BOARD 220325Z APR 75, LOADMASTER SEAT, AFT TROOP
COMPARTMENT, IS PROVIDED FOR YOUR INFO. QUOTE:
THE FOLLOWING REPORT SUBMITTED AS A RESULT OF ACCIDENT
BOARD INVESTIGATION:
FLIGHT CREW MEMBERS STATED THAT ON INITIAL IMPACT THE
FORWARD FACING LOADMASTER SEAT IN AFT TROOP COMPARTMENT
DISENGAGED FROM FLOOR, DUE TO CRASH SITE LOCATION EXHIBIT
NOT AVAILABLE FOR ANALYSIS, SUBSEQUENT INSPECTION OF THE
14, FOUR C-5A AIRCRAFT AT THIS STATION REVEALED THE
FOLLOWING DISCREPANCIES THAT WOULD INDICATE PROBABLE
CAUSE FOR SEAT DISENGAGEMENT:
INSPECTION OF C-5A 690213 BY ACCIDENT BOARD ADVISORS AND

0044

DATE: APR 24 1975
TIME: 1200
TO: NGL (W. H. H.)
FROM: [illegible]
SUBJECT: [illegible]
SERIAL: [illegible]

PAGE 2 RUCIMAA3054 UNCLAS E F T O
QUALITY CONTROL PERSONNEL FOUND THE FORWARD FACING
LOADMASTER SEAT FASTENERS RETAINING THE AFT FITTINGS
(REF J. O. IC-5A-4-1 FIG 103, INDEX 63) HAD BEEN INSTALLED
USING SCREWS THROUGH THE FITTING AND CARGO FLOOR BUT NO
WASHERS AND NUTS WERE UTILIZED ON THE SCREWS TO SECURE
BRACKET TO AIRCRAFT STRUCTURE. FASTENERS IN THE AREA
FROM RIGHT HAND EDGE OF GRATE TO APPROXIMATELY ONE FOOT
OUTWARD OF THE RIGHT HAND SEAT FITTING, APPEAR TO HAVE
BEEN REPLACED DURING PREVIOUS MAINTENANCE ACTION;
AIRCRAFT HISTORY NOT AVAILABLE THIS STATION.
INSPECTION OF C-5A 690229 REVEALED THE FORWARD FACING
SEAT HAD BEEN INSTALLED WITH THE INBOARD LEG NOT INSTALLED
IN THE SEAT FLOOR FITTING SLOT, THEREBY NEGATING 75 PERCENT OF
THE SEAT RETENTION CAPABILITY; FLOOR FASTENERS IN THE
AREA FROM RIGHT HAND EDGE OF GRATE TO APPROXIMATELY ONE
FOOT OUTWARD OF THE RIGHT HAND SEAT FITTING HAD BEEN
REPLACED DURING PREVIOUS MAINTENANCE ACTION. AIRCRAFT
690220 AND 690221 WERE ALSO INSPECTED BUT NO DISCREPANCIES
ON THESE FITTINGS WERE NOTED. HOWEVER, IT WAS OBVIOUS
THAT THE FLOOR FASTENERS HAD BEEN REPLACED,

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4/24/75 155 JAL/TC, AGITE

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PAGE 3 RUCIMAA5294 UNCLAS E F T O
THE DISCREPANCIES WHICH WERE IDENTIFIED ON 670025 AND
692013 WOULD SEEM TO HAVE BEEN CAUSED BY A TOTO OR
OTHER MAINTENANCE ACTION WHICH REQUIRED THE REMOVAL OF
THE FLOOR FITTINGS, DUE TO THE DISCREPANCIES FOUND ON
TWO OF THE FOUR AIRCRAFT INSPECTED AT THIS STATION,
RECOMMEND AN IMMEDIATE ONE TIME INSPECTION OF ALL SEAT
INSTALLATIONS ON THE UPPER DECK, INCLUDING RELIEF CREW
AND COURIER SEATS FOR POSITIVE LOCKING ACTION, ALSO
THAT ALL FLOOR FITTINGS BE INSPECTED FOR SECURITY AND
COMPLETENESS, UNQUOTE.
PART TWO, A ONE-TIME INSP AND CORRECTION OF DISCREPANCIES
IS REQUIRED BEFORE NEXT FLIGHT OF ALL RELIEF CREW SEATS;
COURIER SEATS AND FORWARD FACING LOADMASTER SEATS FOR POSITIVE
LOCKING ACTN, SECURITY AND COMPLETENESS, PART THREE, A ONE-TIME
INSP AND CORRECTION OF DISCREPANCIES IS REQUIRED AT
THE NEXT HOME STATION CHECK ON ALL TROOP COMPARTMENT SEATS FOR
POSITIVE LOCKING ACTN, SECURITY AND COMPLETENESS, THESE SEATS WILL
NOT BE OCCUPIED IN FLIGHT PRIOR TO COMPLETION OF THE INSP, PART
FOUR, COMPLIANCE WITH INSPECTIONS IN PARTS TWO AND THREE WILL BE
REPORTED TO MAC AFS AND MAC/LGM WEEKLY BY MSG TO INCLUDE DISCREPANCIES

PAGE 4 RUCIMAA5294 UNCLAS E F T O
FOUND.
BT
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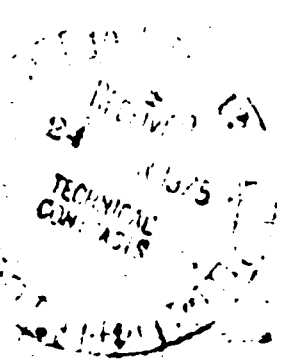
Distribution: (F. J. Ochsenfeld:jj - C-5 Project Coordination 4-24-75)

NOTE: Loadmaster seat in aft crew compartment disengaged from floor on initial impact of
ship 0021. *THIP*

ACTION: Quality to check if any DR's, squawks, etc., were worked in this area on ship 0021
during recycle/update in 1974. Engineering to determine any ECP's affecting this
area.

Advance copy to W. H. Hoeing.

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|-------------------------|------------------------|
| K. L. Ammerman (ACTION) | C. L. Wharton (ACTION) |
| C. J. Bollech | D. P. Wheeler |
| E. Freeman | Ship 0021 File |
| D. O. Gunson | C-5 Contracts |
| R. M. Gunter | Central Files |
| G. H. Hollingsworth | LGD File |
| R. M. Morrison | Log |
| J. A. Nallson | WEC |
| J. W. Perry | FJO |
| G. W. Redden | |



466-2016 → report -

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