

ENGINEERING MEMORANDUM

TITLE

REPAIR SCHEME
RUDDER & BRAKE PEDALS

E.M. NO. 17088 "C"

FILE CODE

111

EFFECTIVE AS RECD

-41

PART NO. 35-524011
404-187929

PART NAME
PEDAL-RUDDER & BRAKE HANGAR

DWG. NO.

NO

3

USE OF E.M.

SALVAGE	<input checked="" type="checkbox"/>
CONCESSION	<input type="checkbox"/>
STOP ORDER/RELEASE	<input type="checkbox"/>
NEW DRAWING	<input type="checkbox"/>
REVISED DRAWING	<input type="checkbox"/>
VARIATION	<input type="checkbox"/>
OBsolete NOTICE	<input type="checkbox"/>
USE AS NOTED	<input type="checkbox"/>

DISPOSITION OF STOCK

CHECK BLOCKS AFFECTED	<input type="checkbox"/>
PARTS COMPLETED	<input checked="" type="checkbox"/>
PARTS IN PROCESS	<input checked="" type="checkbox"/>
TOOLING	<input checked="" type="checkbox"/>
RAW MAT'L	<input type="checkbox"/>
INTERCHANGEABILITY AFFECTED	<input type="checkbox"/>
STRENGTH AFFECTED	<input type="checkbox"/>
YES	<input type="checkbox"/>
NO	<input checked="" type="checkbox"/>

REWORK

DEFECTIVE USE TO

AS NOTED

ORIGINATED BY
BREWER

APPROVALS
[Signature]
R. A. W. INSPECTION

CUSTOMER'S ORDER NO.

CUSTOMER **RCAF**

TYPE AIRCRAFT **EXPEDITOR 3**

AIRCRAFT REGISTRATION NO.

DATE **OCT 22 1954**

DWG. CHANGE YES NO

COPIES TO	NO
ENG.	3
INSPIC.	1
PROD.	1
PLANNING	1
MAT. CONT.	1
CONT. ADM.	1
R.C.A.F.	3
ESTIMATING	1
DWG. CONT.	4

APPROVALS

ENGINEERING

CONTRACT NO.

CUSTOMER

GIVE FULL PARTICULARS AND SKETCH WHERE POSSIBLE

RUDDER AND BRAKE PEDALS WHICH HAVE HOLES AS INDICATED WORN BEYOND LIMITS (SEE E.M. 12087) SHALL BE REPAIRED AS HEREIN.

1. DRILL AND REAM AS SHOWN IN SKETCHES.
2. MANUFACTURE BUSH. BUSH TO BE OF SAE 4130 STEEL TO MIL-S-6758 AND CADMIUM PLATED TO QQ-P-416a TYPE 1, CLASS B. DIMENSIONS OF BUSH TO BE MET AFTER PLATING.
3. INSTALL BUSH WET WITH ZINC CHROMATE PRIMER TO MIL-P-6889.

© NOTE:

RE: REPAIR SCHEME SHT 3.
NORMALLY- IF "B" WORN BEYOND LIMITS (SEE E.M. 12087) THE PEDAL MUST BE REPLACED. THE REPAIR SCHEME AS SHOWN WILL APPLY ONLY IF PEDAL SUPPLY IS SHORT AND CONSEQUENTLY AN A/C WILL BE DELAYED.

[Handwritten signatures and notes at the bottom of the page, including "BREWER NOTE" and "REPAIR MAKE REVISION"]

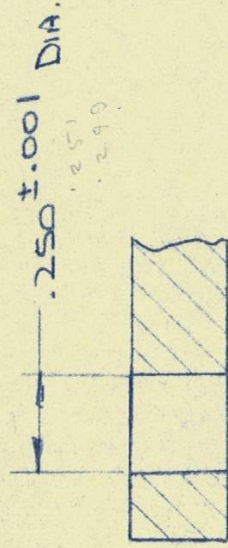
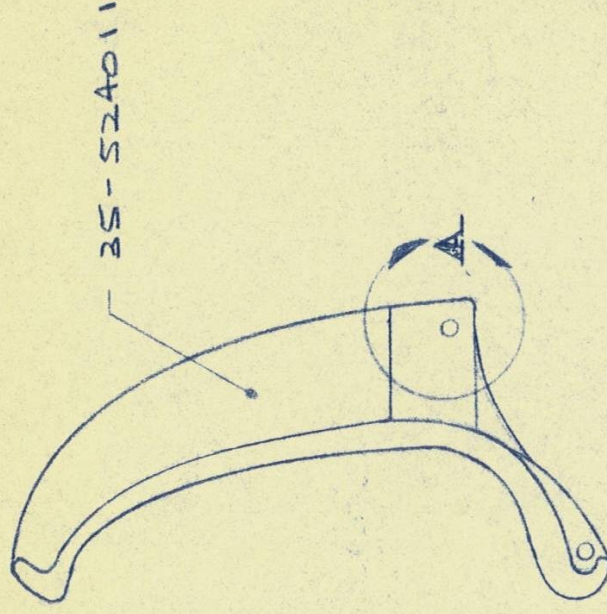
ENGINEERING MEMORANDUM

TITLE

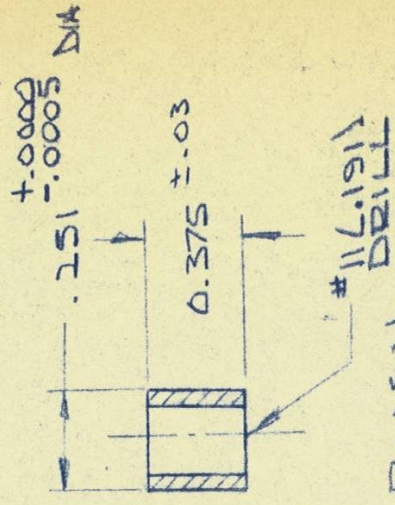
REPAIR SCHEME
RUDER & BRAKE PEDALS

E.M. NO.

17088



251
2995



SECTION AT A

BUSH
1 REQ'D

NOTE: TRIM ENDS OF BUSH TO SUIT UPON INSTALLATION.

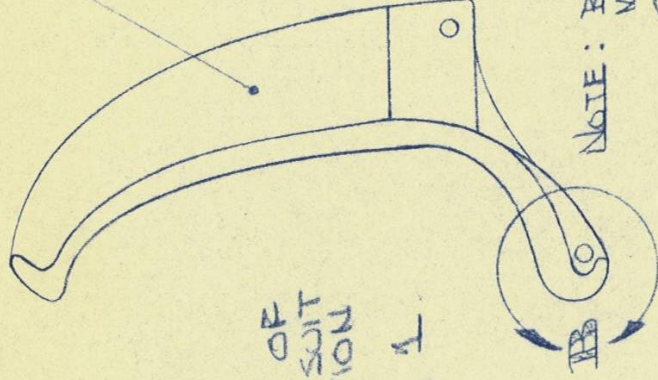
ENGINEERING MEMORANDUM

TITLE

REPAIR SCHEMERUDDER & BRAKE PEDALS

E.M. NO.

12080

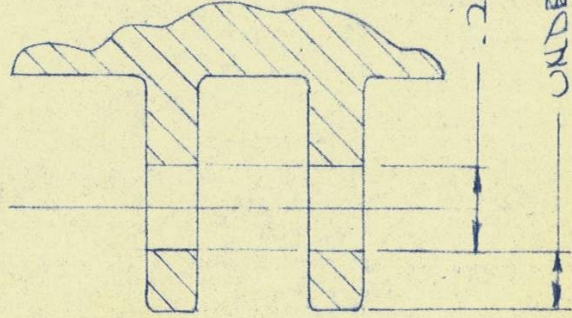


35-524011

NOTE: TRIM END OF
BUSH TO SUIT
UPON INSTALLATION

SEE NOTE SHT. 1

NOTE: BOTH LUGS ON A SIDE
MUST BE REPAIRED IF
ONE LUG REQUIRES
REPAIR.



.250 ± .001 DIA

.188 ± .03

+ .0000
- .0000 DIA

#11(191) DRILL

BUSH
2 REQ'D

UNDER NO CIRCUMSTANCES
MAY THIS DIMENSION BE
LESS THAN .125" AFTER
REPAIR.

SECTION AT B

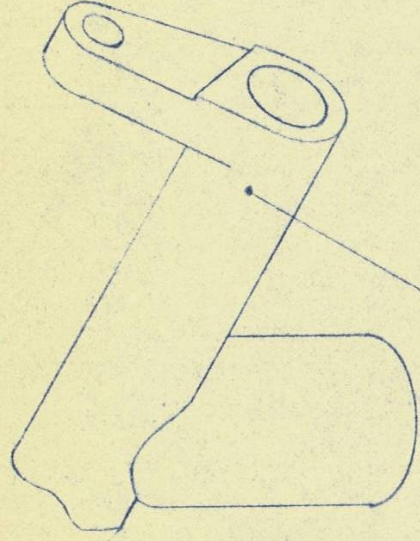
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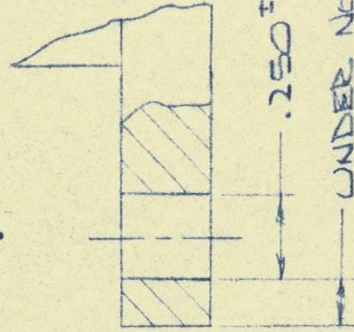
REPAIR SCHEME

E.M. NO.

12088

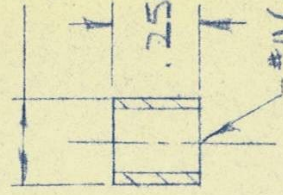
RUDDER & BRAKE PEDALS

404 - 187929



.250 ± .001 DIA

UNDER NO CIRCUMSTANCES
MAY THIS DIMENSION BE
LESS THAN .125" AFTER
REPAIR



.251 ± .0005 DIA.

.250 ± .003

#11 (.191) DRILL

NOTE: TRIM ENDS OF BUSH TO SUIT
UPON INSTALLATION