

ENGINEERING MEMORANDUM

TITLE

REPAIR OF CRACK - TAIL WHEEL FORK

E.M. NO.

12057

FILE CODE

111

EFFECTIVE

W/O 10-4635 only

-22

PART NO. 404-188675		PART NAME Fork assy. tail wheel		JOB NO. 10-4635		CUSTOMER'S ORDER NO.		COPIES TO	
USE OF E.M.		DISPOSITION OF STOCK		ORIGINATED BY		CUSTOMER		NO	
SALVAGE	✓	CHECK BLOCKS AFFECTED	AS NOTED	<i>A. J. ...</i> P. A. W. PROJ. ENG.	ENG.	INSPEC	PROG.	PLANNING	2
CONCESSION		NOT AFFECTED	SCRAP		ESTIMATING	2	2	2	1
STOP ORDER/RELEASE		PARTS COMPLETED	REWORK	<i>J. ...</i> P. W. INSPECTION	MAT. CONT.	CONT. ADM.	R.C.A.F.	3	9
NEW DRAWING		PARTS IN PROCESS	USE TO DEPLETION		AIRCRAFT REGISTRATION NO.	1	3	1	2
REVISED DRAWING		TOOLING	STRENGTH AFFECTED	DATE	Aug. 28/56	DWG. CHANGE	YES	NO	1
VARIATION		RAW MAT'L	YES	NO	YES	NO			4
OBsolete NOTICE		INTERCHANGEABILITY AFFECTED	NO	YES	NO				
USE AS NOTED									

APPROVALS

GIVE FULL PARTICULARS AND SKETCH WHERE POSSIBLE

ENGINEERING

CONTRACTS ADMIN.

CUSTOMER

The approximately 3/8 inch crack found in the weld between the flange and the fork, is to be repaired as follows:-

1. Grind out crack
 2. Pack with wet asbestos mud as close to area to be welded as possible.
 3. Pre heat to 800° F.
 4. Weld area previously removed in step 1. (Welding rod per MIL-E-6843 class C)
 5. Post heat to 800° F.
 6. Magnaflux repair area
 7. Clean, prime and paint
- Special notes:
1. This is a heat treated component
 2. This repair applies to W/O 10-4635 only
 3. Since heat treatment is destroyed in a small area only, this repair is considered satisfactory.

BRISTOL AIRCRAFT (WESTERN) LIMITED

WINNIPEG

CANADA

Bristol



ENGINEERING MEMORANDUM

TITLE

REPAIR OF CRACK - TAIL WHEEL FORK

E.M. NO.

12057

