

TITLE Fitment of Bearings Caps U/C Fork Assembly		FILE NO. 12921	FILE CODE 11-22
PART NO. 404-188402		DATE Dec 10/59	COPIES TO
PART NAME Fork Assembly		CUSTOMER ORDER NO.	ENCL. 5
USE OF E.M.		CUSTOMER	DISPED 6
DISPOSITION OF STOCK		R.C.A.F.	FIELD 9
SALVAGE	CHECK BLOCKS AFFECTED	TYPE AIRCRAFT	PLANNING 2
CONDEMNION	NOT AFFECTED	EXPEDITOR 3	DAY. CONT. 2
STOP ORDER/RELEASE	USE TO DEPLETION	AIRCRAFT REGISTRATION NO.	SALES/COMPS 1
NEW DRAWING	REWORK	DATE	R.C.A.F. 3
REVISED DRAWING	CONSP	DWG CHANGE	ESTIMATING 1
VARIATION	AS NOTED	YES	YES/FLIGHT -
OBsolete NOTICE		NO	DWG. CONT. 3
USE AS NOTED			
APPROVALS		DATE	
<i>[Signature]</i>		Dec 10/59	
<i>[Signature]</i>		DWS CHANGE	
<i>[Signature]</i>		YES	
<i>[Signature]</i>		NO	

The following serviceability concept applies to fitment of bearing caps on Expeditor undercarriage fork assemblies Part No. 404-188402.

REPAIR AND OVERHAUL

All caps are to be fitted as shown on drawing 404-188402.

GAIR PROGRAM

1. There is no permissible clearance between the axle bearing caps about the vertical axis of the torque pins, both top and bottom. There must be metal to metal contact extended beyond the fore and aft sides of torque pins between the axle and the landing gear fork and between the axle and the lower bearing cap.

2. There is a permissible radial clearance between the axle and the bearings at the point where the upper fork bearing and the lower bearing cap are pulled together.

3. A small gap is permissible between the bearing cap flanges providing there is contact at one point between the flange bearing surfaces when the nut is tightened. This may be checked by inserting a feeler gauge (.0015 inch). This feeler gauge may move freely except at one point.

Note: Do not over tighten retaining nuts to meet this requirement.

4. Assemblies not meeting the above requirements are to be reamed and fitted to limits shown on drawing 404-188402.

5. Axle caps are not interchangeable and must be identified and marked as layed down in 30 05-45B-2.

Note: 10596 applies to Expeditor Mark I and II and C18S. It is not applicable to Expeditor 3 and D18S.

REF. BEECH LETTER 52-10-240 OCT 21, 1959