

ENGINEERING MEMORANDUM

BRISTOL AIRCRAFT (WESTERN) LIMITED
WINNIPEG CANADA

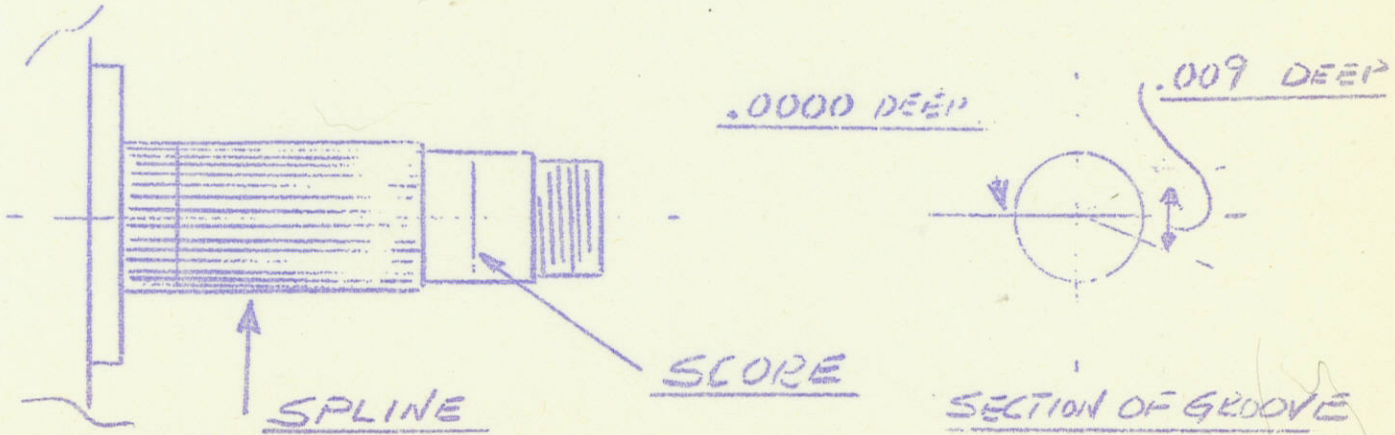
TITLE Concession - Scored Crankshaft on R985 Engine Serial # 20886				E.M. NO. 12261		FILE CODE											
				EFFECTIVE R985 Engine Serial # 20886		111 -51											
PART NO. R985 - AN14B		PART NAME Engine		DWS. NO.		COPIES TO											
JOB NO.						NO.											
USE OF E.M.		DISPOSITION OF STOCK		CUSTOMER'S ORDER NO.		INSPEC											
SALVAGE		<table border="1" style="font-size: small;"> <tr> <th>CHECK BLOCKS AFFECTED</th> <th>NOT AFFECTED</th> <th>USE TO DUPLICATION</th> <th>REWORK</th> <th>EXCHG</th> <th>AS NOTED</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		CHECK BLOCKS AFFECTED	NOT AFFECTED	USE TO DUPLICATION	REWORK	EXCHG	AS NOTED							PROD. 9	
CHECK BLOCKS AFFECTED	NOT AFFECTED			USE TO DUPLICATION	REWORK	EXCHG	AS NOTED										
CONCESSION <input checked="" type="checkbox"/>				CUSTOMER H.C. A.F.		PLANNING 2											
STOP ORDER/RELEASE				TYPE AIRCRAFT Expeditor 3TM		MAY. CONT. 2											
NEW DRAWING		PARTS COMPLETED		DATE 9 APR 57		CONT. ADD. 1											
REVISED DRAWING		PARTS IN PROCESS		D.V.O. CHANGE		I.O.A.P. 3											
VARIATION		TOOLING		YES <input type="checkbox"/> NO <input type="checkbox"/>		ESTIMATING 1											
OBSOLETE NOTICE		RAW MATL		D.V.O. CONT.													
USE AS NOTED		INTERCHANGEABILITY AFFECTED		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>													
		STRENGTH AFFECTED		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>													
APPROVAL		ENGINEERING <i>[Signature]</i> CONTRACTS ADMIN. <i>[Signature]</i> CUSTOMER <i>[Signature]</i>		DATE 9 APR 57													

GIVE FULL PARTICULARS AND QUANTITY WHERE POSSIBLE

A groove has been found on the crankshaft on the starboard engine on A/C 1560. This groove is .009 inches deep over a small portion of the circumference, and it gradually decreases to zero. It is located as shown in sketch below.

This engine will be declared serviceable, providing all sharp edges are rounded off using a large radius and the surface is polished smooth. The groove is to be ~~concealed~~ **magnafluxed** after polishing.

The scoring is probably caused by foreign matter present when installing the propeller.



R/W - APR-10-1957

NOTE: WHEN EFFECTIVITY IS OMITTED FROM E.M. CHANGES ARE TO BE EFFECTIVE UPON PLANNING DEPARTMENT AUTHORIZATION.