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ADP No HUU 1380C
SI/HUNTER/138C
31 August 1983

From: CENTRAL DEFECT AUTHORITY
Procurement Executive, Ministry of Defence, Adastral House,
Theobalds Road, London WC1X 8RU
Tel No: 01-430-7544

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A SI/HUNTER/138C
NOSE UNDERCARRIAGE: PIVOT BRACKET: FRETTING IN PIVOT PIN BORE

SI/HUNTER138B is to be amended as follows:

- 1 Replace the existing heading, address, disclaimer and Paragraph A with the above amended heading, address, disclaimer and Paragraph A.
- 2 Para D1b(5): Delete in toto and insert new para as follows:

"Where pivot bracket bores are satisfactory or where the erosion is within the permissible worn dimension shown in AP 104C-0901-6C, use the minimum amount of grease XG287 (Ref 34B/2241793) to lubricate bores and pivot pin and reassemble in accordance with AP 104C-0901-1 para 20."
- 3 Para D1b(6), (7) and (8): Renumber to read (7), (8) and (9)
- 4 Para D1b(6): Insert new para D1b(6) as follows:

"(6) Ensure areas to be sealed are free from grease and produce a fillet of sealant PR1422 on the inner faces of wheel fork as shown on Figure 1 (attached)"
- 5 Fig 1: Attach new Fig 1 at rear of Instruction.
- 6 Insert vertical marginal lines against the amendments introduced by this Instruction.



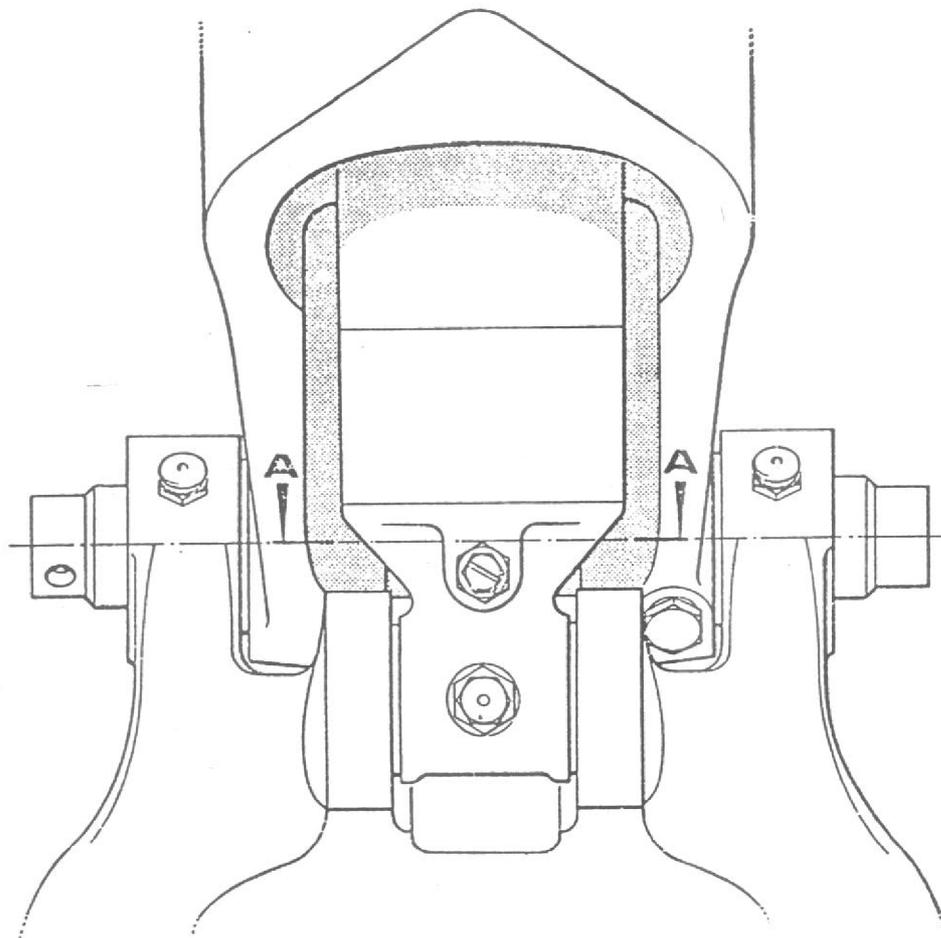
Issued by CDA on behalf of:

	BRANCH	TEL NO	FILE REF NO
MOD(PE)PDS Authority	MAP 2A5	Prospect 7264	D/DA MECH/24/5/10/6
DGA(N) for MOD(Navy)	AD(N)SH2	01-632-5881	D/AD(N)/135/21/11
EA/DEA for MOD(AFD)	STK ENG 14CS	High Wycombe Ext 2070	STC/51305/3/3/SE14
Design Authority	Dowty Rotol Ltd Gloucester		QBD/129/123/GWC

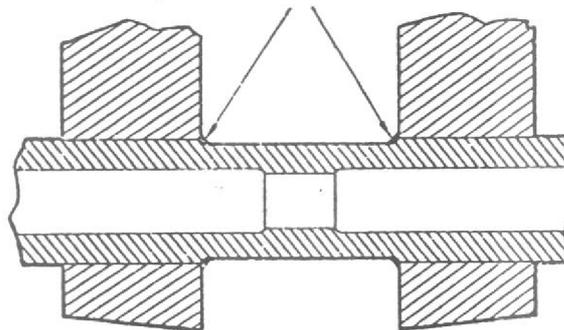

J GOODING
(Flight Lieutenant)
pp Head of Central Defect Authority

SERVICING INSTRUCTION/HUNTER/138C

NOSE UNDERCARRIAGE : PIVOT BRACKET : FRETTING IN PVIOT PIN BORE



SEALING COMPOUND
TO FORM FILLETS 0.0625 MIN.



1347/26/83

PART SECTION **A - A**

FIGURE 1 APPLICATION OF SEALANT



ADP No HUU 1380B

SI/HUNTER/138B

31 January 1983

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From: CENTRAL DEFECT AUTHORITY
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Tel No: 01-632-6107

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A SI/HUNTER/138B
NOSE UNDERCARRIAGE: PIVOT BRACKET: FRETTING IN PIVOT PIN BORE

SI/HUNTER/138A is to be amended as follows:-

- 1 Replace the existing heading, address, disclaimer and Paragraph A with the above amended heading, address, disclaimer, and Paragraph A.
- 2 Para D1b(5): After "... are satisfactory", insert "or where the erosion is within the permissible worn dimension shown in AP 104C-0901-6C".
- 3 Para D1b(6) Delete the words "is considered to be unserviceable" and insert in their place "bores are worn beyond the permissible worn dimension shown in AP 104C-0901-6C".
- 4 Insert vertical marginal lines against the amendments introduced by this Instruction.

Issued by CDA on behalf of:

	BRANCH	TEL NO	FILE REF NO
MOD(PE)PDS Authority	MAP 2A5	Prospect 7264	D/DA Mech 24/5/10/6
DGA(N) for MOD(Navy)	AD(N)SH2	01-632-5881	D/AD(N)/135/21/11
EA/DEA for MOD(AFD)	STK ENG 14cs	High Wycombe Ext 2070	STC/51305/3/3/SE14
Design Authority	Dowty Rotol Ltd Gloucester		DRJP/SI/STP/625

J GOODING
(Flight Lieutenant)
pp Head of Central Defect Authority



(7) If installing new nose undercarriage, carry out retraction tests in accordance with current instructions.

(8) Lower aircraft to ground and remove jacks.

c 1 manhour (excluding jacking) A Tech A

D 2 a Prior to issue or installation

b Satisfy provisions of Para D.1.b of this Instruction as applicable.

E 1 a (RAF) Certify initial application on F720 and record on F735A (RN) Record IAW AP100N-0140 ART 2213.

b (RAF) call up subsequent applications on F737.

c (RAF) Certify subsequent applications on F720M

2 For items held as spare or in store record on F720C and F731.

F ~~Report defects on F760.~~ *No Repairing action reqd.*

G 1 Not applicable.

2 Modification action will not be taken.

H 1 No effect on operation or handling.

2 Not applicable.

Issued on behalf of
HQ Strike Command
DEA for MOD(AFD)
Tel: High Wycombe 26200 Ext 2070
HQ File: STC/51305/3/3 Strike Eng 14

Issued on behalf of
Ministry of Defence
DGA(N)
Tel: 01-632 Ext 5463
HQ File: D/AD(N)/135/21/11

R. M. Martin

R M MARTIN
pp Head of Central Defect Authority



2/58/10
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ADP No HUU 13800

SI/Hunter/138

30 June 1982

From: CENTRAL DEFECT AUTHORITY
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Tel No: 01-632-7971 New Oxford St, London WC1A 1DT

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- A SI/HUNTER/138 A
NOSE UNDERCARRIAGE : PIVOT BRACKET : FRETTING IN
PIVOT PIN BORE
- B 1 Hunter Aircraft - All Marks
2 Nose Undercarriage - All Types held as spare or in store
- C Cases have occurred in service of localised shallow erosion in pivot pin bores of nose undercarriage pivot bracket. Investigation has shown this to be due to fretting between wheel fork pivot pin and bores in pivot bracket.
- D 1 a Within 6 months (RAF), 30 weeks (RN), of receipt of this Instruction and thereafter at each subsequent 120 flying hours (RAF), 30 weeks (RN).
b (1) Jack up nose of aircraft in accordance with Aircraft Servicing Manual sufficiently to lift nose wheel clear of ground.
(2) Support nose wheel and remove pivot pin which attaches wheel fork to pivot bracket as detailed in AP104C-0901-1.
(3) Lift wheel fork clear of pivot bracket and clean bores.
(4) Examine bores in pivot bracket for indications of fretting erosion or corrosion.
(5) Where pivot bracket bores are satisfactory, lubricate bores and pivot pin with Grease, XG287 (34B/2241793) and reassemble in accordance with AP104C-0901-1, Para 20.
(6) Where pivot bracket is considered to be unserviceable, remove nose undercarriage and fit serviceable unit, (including units repaired IAW Note 1 below), ensuring that pivot pin and bores are adequately lubricated.

Note 1: Pivot brackets can be repaired IAW repair scheme R335 Diagram 4 tasked through RAF Support Command.

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