

19th July, 1961.

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CLASS C

(A) SERVICING INSTRUCTION/HUNTER/71AB

RUDDER CONTROLS IN FRONT FUSelage: MOUNTING FOR INBOARD BEARING
LEVER B.183970 - FORWARD ANGLE CRACKED

- (B) Hunter Mk. 4, 6, 9 and 10 aircraft.
- (C) A number of Mark 6 aircraft returned to the Contractor for conversion to Mark 9 were found with angle P.183898 cracked. Cracks started at the lower end close to the edge of the profile washer and extended in some cases to more than half the length of the angle.

(D)1. Within 28 days of receipt of this Instruction and at each subsequent ~~Primary Star~~ Servicing proceed as follows:-

- (a) Referring to A.P.4347 series, Volume 3, Plate DD.1. for lever location and Plate DD.2 for location of inboard bearing bracket (shown in approx. centre of left hand lower circle) locate forward angle P. 183898.
- (b) Closely inspect the lower edge and bend line adjacent to the profile washer for cracks using torch and mirror.
- (c) Where no cracks are evident no further action is required until the next ~~Primary Star~~ Servicing.
- (d) Where cracks are found proceed as follows:-
- (1) Remove the nose wheel strut.
 - (2) Referring to the attached ~~sheet~~ carry out the remedial action as detailed for all three attachment points.
 - (3) The keel member supporting the other bearing for the lever pivot bolt must also be inspected for cracks at the rivets attaching the bearing. Where cracks are detected, application is to be made to Hawker Aircraft Limited for a Repair Scheme.

ESTIMATED MAN HOURS: 1/2 (inspection only)

"Note:- Cracks can be more readily detected by use of three men:-
One keeping rudder central, firmly, in cockpit.
One at rudder attempting to move it.
One with lamp and glass checking for cracks in bracket."

EXISTING
G6 & REPLACE

FRAME B
DATUM.

to the following:- "Drill out the three
1/8" Dia. rivets and open holes to Morse No. 25
Replace with:-"

REPLACE WITH:-

- A25 BOLT
1 OFF
- A25 BOLT
1 OFF
- A27 NUT
2 OFF

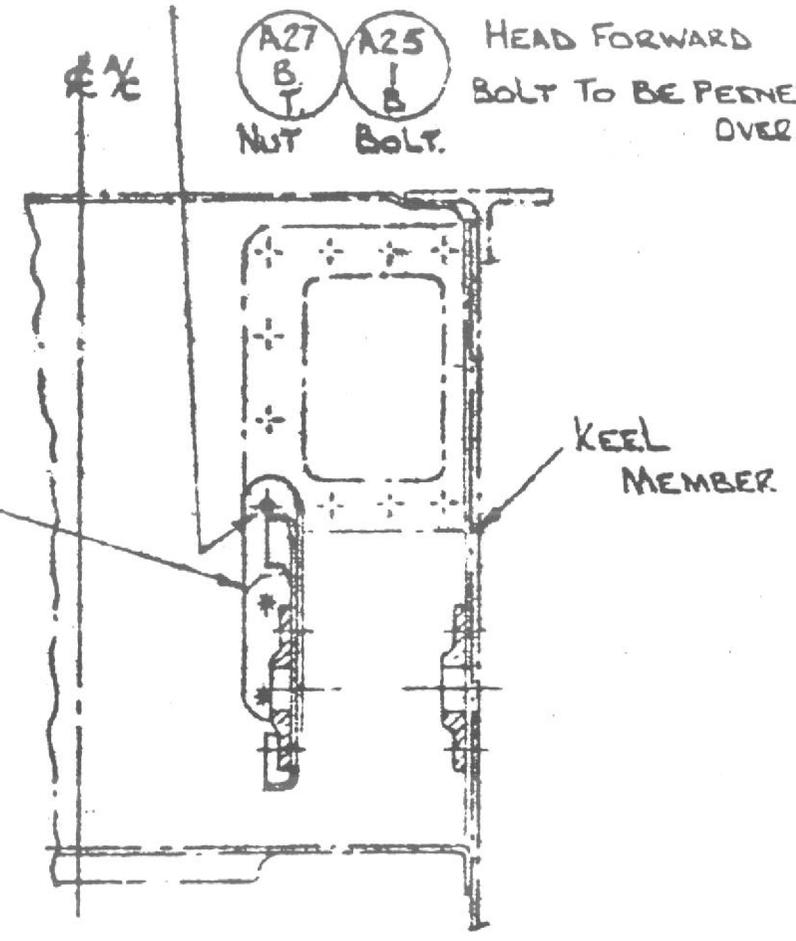
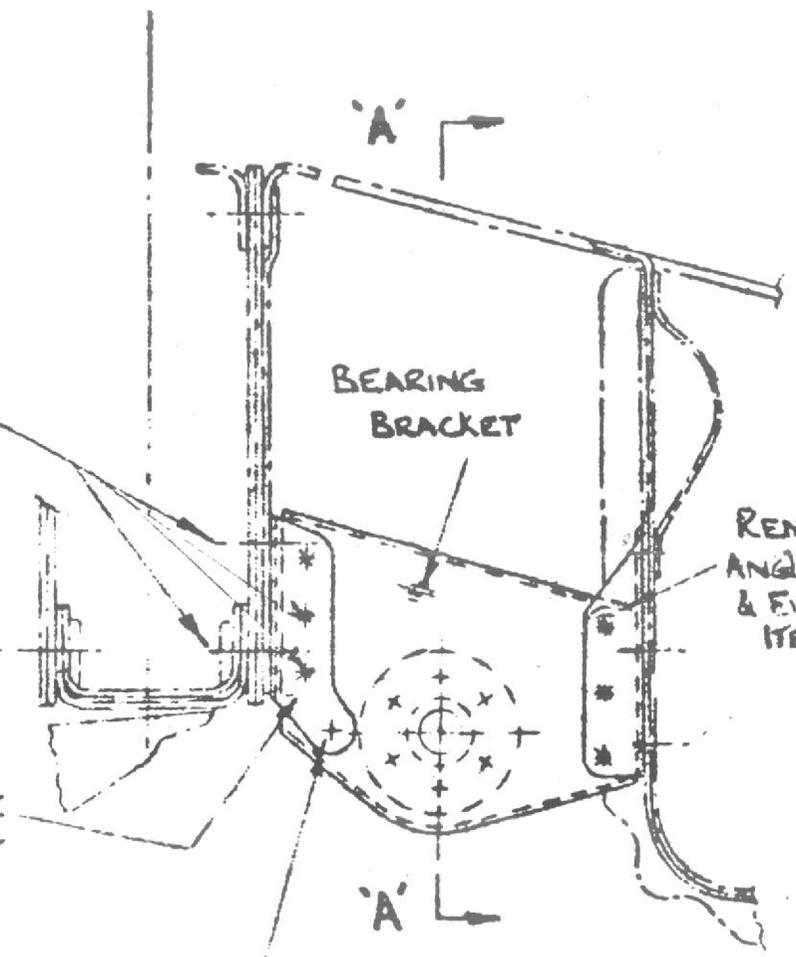
- A27 B NUT
- A25 I B BOLT
- HEAD FORWARD
BOLT TO BE PERINED
OVER.

LEADS FORWARD.
EXISTING PROFILE
& UNDER NUTS

EXISTING ANGLE
F183898 AND FIT
ANGLE ITEM 1.
* AS156-505

DRILL ADDITIONAL HOLE
MORSE N° 21 IN BEARING BRKT
TO MATCH ANGLE.
RIVET + AS156-505

REMOVE EXISTING
ANGLE PT N° F181881
& FIT NEW ANGLE
ITEM 2.

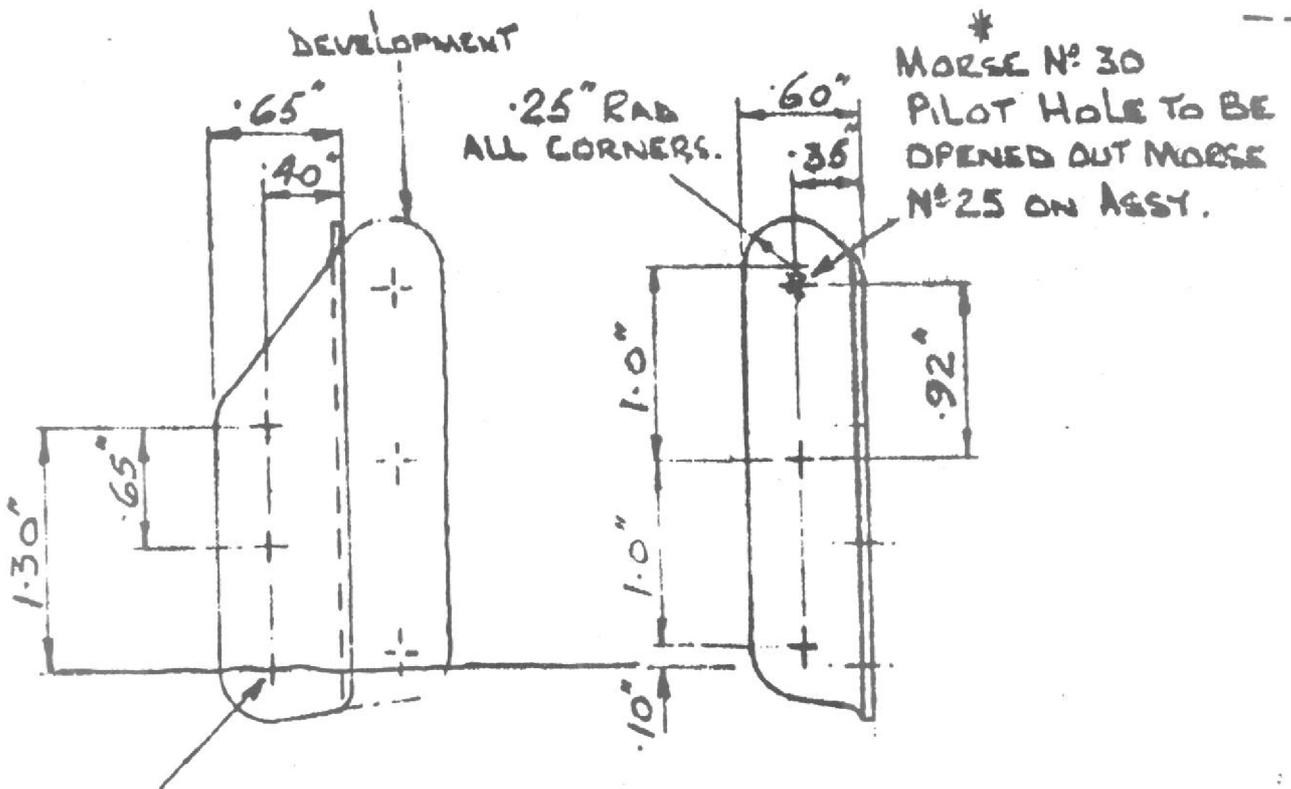


SECTION A-A

SKETCH N° 1

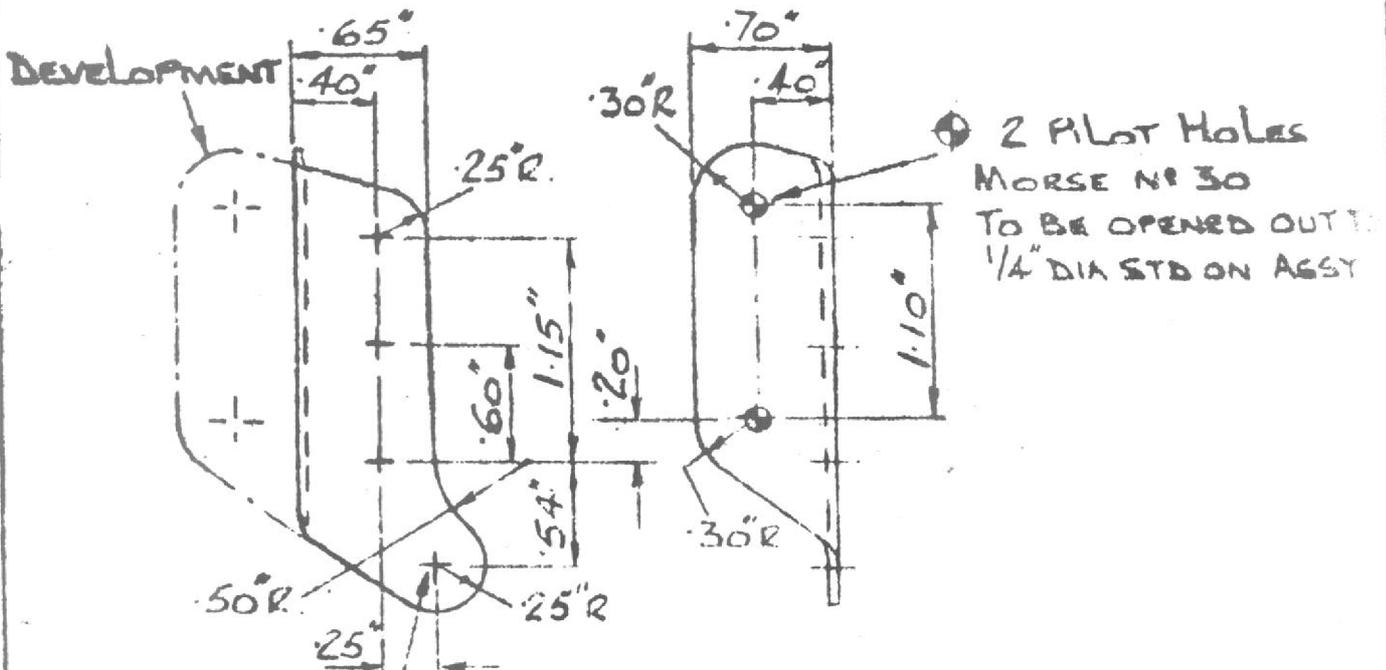
SER CONTROLS IN FRONT FUSELAGE - MTG FOR LEVER
970 - INBOARD BEARING.
AND ANGLE CRACKER

S.I./HUNTER/ ~~71~~ 71.



+ 5 PILOT HOLES MORSE N° 30
TO BE OPENED OUT TO MORSE N° 21
ON ASSY.

ITEM N° 2 - ANGLE - 18 G SS S520 OR S521



+ 4 PILOT HOLES MORSE N° 30
TO BE OPENED OUT TO MORSE 21
ON ASSY

ITEM 1 - ANGLE - 18 G. SS. S520 OR S521

SKETCH N° 2

RUDDER CONTROLS IN FRONT FUSELAGE -
MTC FOR LEWD R165970 -

SI HUNTER, 71

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