DRG NO EJF 135½
PART NO JA6911½

1 DO NOT SCALE DRAWING
2 ENGLISH PROJECTION IS
NORM UNLESS OTHERWISE
STATED
3 TOLERANCES ON
DIMENSIONS ARE ± .015" OR
UNLESS OTHERWISE STATED
4 FOR COMPLIANCE
DRAWING AND MATERIAL
SPECIFICATIONS
SEE MAINTENANCE
MANUAL

VIEW ON ARROW A

2 HOLES REAMED .2505/.2495 DIA

SECTION D-D

35.02

31.38

21.28 CRS

10.30

1 HOLE .3755/.3745 DIA

INTERSTN POINT

1.85

INTERSTN POINT

POSITION ITEM 7 AS SHOWN 5
THEN DRILL 2 HOLES NO 30 DRILL IN
ITEM 5 FROM HOLES IN SERIAL PLATE

THIS HOLE IS LOCATED ON
THE ℄ OF TUBE ITEM 5 THE
LOWER HOLE IS SLIGHTLY
OFF CIRC OF TUBE ITEM 6

6.50

3.18

1.38

CHAMFER THIS END OF TUBE
ITEM 5 .03x45° ALL EDGES

.55

1.10

1.25

℄ TUBE

D

℄ TUBE

DRG NO
ISSUE NO
SERIAL NO TAY

F

F

C

A

A

15

E

E

4 13 12 11

'D' LOCK

BEND TO SUIT WHILE HOT
CHAMFER THIS END OF ITEM 15
.03x45° ON ALL FOUR EDGES

ALSO INTERSTN POINT OF ℄ OF TUBE
ITEM 14 ON ℄ OF TUBE ITEM 15.

2

5

7

6

1.90 CRS

2 HOLES NO
9 DRILL .199/.193 DIA
RIGHT THRO'

1

ITEM 11
TO BE 'D' LOCKED

1.41
(CHECK DIMN)

3.31

16 17

SECTION F-F

6 HOLES REAM .2505/.2495
DIA THRO' TUBES & SIDE
PLATES

VIEW ON ARROW C

3.91
(REF ONLY)

9 HOLES REAM .2505/.2495 DIA
THRO' TUBES & SIDE PLATES

℄ TUBE

℄ TUBE

10.41
ALONG TUBE

14

SECTION E-E
TAKE AS TYPICAL

21.08 CRS

18.39

1.40
CRS
ALONG TUBE

2 HOLES, THRO' TUBE, № 12 DRILL
(.192"/.189" DIA) IN PORT MTG ONLY.

.14

.59

1.19

DETAIL OF END OF
TUBE ITEM 14

2 NO 12 DRILL HOLES
STBD. MOUNT ONLY

7.58 CRS

NO WELDING AT THIS END

8 WELD TO ITEMS
5 & 6

FILLET OF WELD.

WELD ITEM 13 TO
TUBES ITEMS 14 & 15.

FILLET OF WELD.

8.46 CRS

B

B

2 HOLES REAMED .2505/.2495 DIA

3

9 10

1.10

1.25

.55

SCREWED RODS TO
BE "D" LOCKED

SECTION B-B

THIS END OF TUBE ITEM 14 TO
BE WELDED OVER WHEN
WELDING ITEM 14 & 6
TOGETHER & THEN THE WHOLE
END TO BE FILED
SQUARE & SHARP
EDGES TO BE
REMOVED

FILLET OF WELD

BEARER ASSYS ITEMS 1 & 2 HAVE BEEN
OMITTED AT THIS STAGE
PART NO FOR THE WELDED ASSY IS KA6618/L PORT
KA6618/R STBD
WELDING DIAGRAM

This drawing is provided in accordance with original Auster/Beagle applicability for use with the initial enquirers' aircraft ONLY.

CORRECT APPLICATION TO THE AIRCRAFT IS THE RESPONSIBILITY OF THE ENQUIRER AND HIS ENGINEER AND NOT OF "AUSTER SPARES" OR LEICESTERSHIRE MUSEUM'S.

Its supply does not confer any right to produce and trade in any of the components. Enquiries for those should be sent to:-

"Auster Spares", Carr Farm, Thornay, Newark, Notts., NG23 7DD, England
Tel: (01)52 277887
Email: bakerdaveaa@gmail.com

cm

GENERAL NOTES.

1. END PLATE ITEM 8 IS TO BE CUT TO SUIT JOINT & SHOULD BE THOROUGHLY WELDED TO TUBES ALL ROUND. WHERE BEARERS FIT OVER TUBES WELDING SHOULD BE FILED OR GROUND FLAT. IT IS IMPORTANT WHEN THIS IS DONE THAT TUBES ARE NOT FILED.
2. MOUNT IS IN ONE FLAT PLANE
3. WELD WHERE SHOWN THUS \\\\\\
4. THIS ASSY MAY BE MADE FROM PART No. KA6473½/R (EJF 13) IF THE 8 REDUNDANT HOLES (APPROX POSITION MARKED WITH AN ASTERISK) ARE FILLED WITH BLIND STEEL RIVETS WITH SEALING PINS OR BREAK STEM MANDRILLS. HOLES MAY BE ENLARGED TO TAKE 5/32" RIVETS

PT NO JA6911/R DRG NO EJF 135/R STBD AS DRAWN.
PT NO JA6911/L DRG NO EJF 135/L PORT OPP HAND LESS HOLES.

ITEM NO	PART No	DESCRIPTION	MATERIAL OR DRG No	No OFF
17	K3/PD	SEALING PIN (CHOBERT)		2 OFF RH 2 OFF LH
16	TK3/CD	RIVET (CHOBERT) 1/8" DIA 5/16		2 RH 2 LH
15	K 6892	TUBE 7/8" SQ X 17 SWG.	T.35	1 RH 1 LH
14	K 6891	TUBE 7/8" SQ X 17 SWG.	T.35	1 RH 1 LH
13	K 6845	PATCH	A.E.F.128	1 RH 1 LH
12	AGS 934/EL	FERRULE		30 RH 30 LH
11	6868	SCREWED ROD.	AKF 57	15 RH 15 LH
10	AGS 934/EM	FERRULE		8 RH 8 LH
9	K 6867	SCREWED ROD.	AKF 56	4 RH 4 LH
8	K 6615	END PLATE 24G.	53	1 RH 1 LH
7	K 5043	SERIAL PLATE.	AKE 43.	1 RH 1 LH
6	K 6497	TUBE	AKF 41	1 RH 1 LH
5	K 6617	TUBE 7/8" SQ X 17 SWG.	T.35	1 RH 1 LH
4	K 6616	TUBE 7/8" SQ X 17 SWG.	T.35	1 RH 1 LH
3	K 6493	FORKS	AKF 37	2 RH 2 LH
2	KA 6493	REAR BEARER ASSY	AKF 33	1 RH 1 LH
1	KA 6486	FRONT BEARER ASSY.	AKF 30	1 RH 1 LH

ISSUE	MOD No	INTERNAL MOD No	INTERNAL CLASS	APP	RTO
D	1890				
C	1687				
B	1577				
A					

TYPE:- CIVIL AIRCRAFT

PROTECTIVE TREATMENT	Assy No	EJF 138	EJF 551	EJF 610 SH 1
		EJF 131	EJF 412	EJF 404 SH 2
	SCALE 1/1			

TAYLORCRAFT AEROPLANES (ENGLAND) LTD. LEICESTER.

TITLE FABRICATED & RIVETTED ENGINE MOUNT

DRAWN		TRACED
CHECKED		TRACING CHECKED
STRESS APPROVAL		PART No JA6911/R
DESIGN APPROVAL		DRG No EJF 135½/R
AUTHORISED R.T.O.		