1. DO NOT SCALE DRAWING.
2. ENGLISH PROJECTION IS USED UNLESS OTHERWISE STATED.
3. TOLERANCES ON DIMENSIONS ARE ± .06" OR ± 01° UNLESS OTHERWISE STATED.
4. IF IN DOUBT ABOUT THIS DRAWING, PHONE DRAWING OFFICE BEFORE COMMENCING OPERATIONS.

DRILL Nº27 TOP & BOTTOM 58 62 59

PORT 43 44 ST'B'D

PORT 44

ST'BD 43

SECTION 'J-J'

DETAIL 'C'

DETAIL 'R'

DETAIL 'B'

VIEW LOOKING AFT

56 55 DRILL Nº41 POSITION TO SUIT

1.0"

48

54

62 57 DRILL Nº27

DETAIL 'D'

APPLICABLE ONLY TO A/C POST MOD 3252

DETAIL 'A'

DETAIL OF ATTACHMENT OF STABILIZER FABRIC COVERING OMITTED

APPLICABLE ONLY TO A/C PRE MOD 3252

41 30 34 28 UNDER NUT

AFT

INBOARD

4 - HOLES LETTER 'D' DRILL REAM IF NECESSARY TO SUIT BOLT ITEM 28

'D'

4 - HOLES Nº 52 DRILL FOR ITEM 41.

OPEN OUT HOLES WITH LETTER "G" 17

SEE DETAIL 'E'

PLUG TUBE ENDS WITH DUM-DUM SEALING COMPOUND.

SEE DETAIL 'E'

LOWER 2 RUDDER HINGES SIMILAR

5

27°

25°

'P'

'P'

VIEW ONTO ST'BD. SIDE OF A/C

65				
64				
63				
⊙ 62	A662035/3	WASHER		12
61	J4675	WASHER	AJD 186	2
60				
⊙ 59	427 BT	NUT		4
⊙ 58	A52923/58	BOLT		4
⊙ 57	A52923/68	BOLT		8
⊙ 56	A30/11C	BOLT		4
⊙ 55	SP42C	TAB WASHER		4
⊙ 54	J4649	NUT	AJD 166	4
⊙ 53	J15179	SPACER	AJA 1711	4

BOLTS ARE TO BE ADJUSTED TO GIVE REQD RUDDER MOVEMENT THEN LOCKED IN POSITION BY LOCKNUTS

(ANGULAR DIMENSIONS OF RUDDER MOVEMENT ARE GIVEN AT PLAN VIEWS)

SECTION AT 'P-P'

CUT OUT IN FABRIC SEALING STRIP TO CLEAR HINGE PINS

HEAD OF PIN IS UPPERMOST FOR ALL RUDDER HINGES

HEAD OF PIN IS OUTBOARD ON INNER ELEVATOR HINGES AND INBOARD ON OUTER ELEVATOR HINGE

39 38 12

DETAIL 'E'

20 REF. 19 REF. 18 REF. 6·0 ·50 21 REF. 1·25

ASSY. DETAILS OF ITEMS 18, 19 & 21

'N'

30° MIN

36° MIN

DETAIL 'K' (SYSTOFLEX OMITTED)

HOLE NO. 51 DRILL FOR SPLIT PIN. 61 41 34

RADIUS OF WASHER TO BE TO CABLE

13

45 18 INBOARD

19 46 OUTBOARD

39 22

50 OR 49

VIEW ON ARROW 'N'

FWD COMPONENT

AFT COMPONENT

60"

4 3

20°±1° 20°±1°

SEE DETAIL 'K'

SEE DETAIL 'E'

THESE CABLES MUST RUN PARALLEL

DETAIL 'A'

FORWARD

PRE MOD 3252 2 16 POST MOD 3252

PRE MOD 3252 1 42 POST MOD 3252

20

52·12"

47

PLAN VIEW

51 PORT-TOP

52 PORT-BOTTOM

52 ST'B'D-TOP

51 ST'B'D-BOTTOM

ASSEMBLE

59 AS SECTION 'JJ'

62 57 DRILL Nº27

62

58

53

56

54

48

DRILL LETTER 'D' & REAM 1/4" DIA 'B' FIT

26

30

23

DETAIL 'L'

APPLICABLE ONLY TO A/C POST MOD 3252

DRILL Nº41 POSD TO SUIT

55

15 34 41 30 Nº 52 DRILL FOR SPLIT PIN 29 40

DETAIL 'R'

'G'

SCRAP VIEW LOOKING FORWARD ONTO ELEVATOR HORN

27 32 31 35 41 33

UNDER BOLT HEAD

BETWEEN ELEVATOR HORNS.

FORWARD

VIEW ON ARROW 'G'

UNDER NUT 30 34 41 Nº 52 DRILL FOR SPLIT PIN

14 30 25 37 11 29 40 24 36

DETAIL 'C'

29 37 11 36 37 24

DETAIL 'B'

DIAGRAMMATIC SECTION SHOWING SEALING OF GAP BETWEEN TAILPLANE & ELEVATOR & ELEVATOR & TRIM-TAB

		SEE ABOVE			
⊙	52	J4667/R	PLATE - REAR	AJD 181	2
⊙	51	J4667/L	PLATE - REAR	AJD 131	2
ALTERNATIVES	50		4" WIDE SERRATED TAPE	DTD 540	AS REQD.
	49		4" WIDE SERRATED TAPE	DTD 407	AS REQD.
⊙	48	J4643	SPACER	AJD 155	4
	47	SP9/E10	SPLIT PIN		1
	46	JA4563	BOWDEN CONDUIT	AJD 133	1
	45	JA4562	BOWDEN CONDUIT	AJD 133	1
⊙	44	J4668/R	PLATE - F/W/D	AJD 182	2
⊙	43	J4668/L	PLATE - F/W/D	AJD 182	2
⊙	42	J4696/R	TAILPLANE FABRIC COVERED	EJD 180	1
	41	SP9/C8	SPLIT PIN		⊕ 8 ⊙ 7
	40	SP9/C6	SPLIT PIN		8
	39	SP9/C4	SPLIT PIN		11
	38	C42301	DISTANCE TUBE	AGB 11	AS REQD
	37	A27-8TL	NUT - THIN L.H.		4
	36	A27-8T	NUT - THIN R.H.		8
	35	A27-C8	NUT - SLOTTED		2
	34	A27-E8	NUT - SLOTTED		⊕ 9 ⊙ 5
	33	D42106	WASHER	ADD 130	2
	32	ST103-B	WASHER		2
	31	SP15-C	WASHER		2
	30	SP15-E	WASHER		⊕ 10 ⊙ 6
*	29	SP42-D5	PIN		8
⊕	28	A25/1E	BOLT		4
	27	A25/3C	BOLT		2
	26	A25/1A6	BOLT		2
	25	A25/1E8	BOLT		1
**	24	SP7Z-EL	FORK END - L.H.		4
**	23	SP7Z-E	FORK END		4
	22		WASHER	ST 103/K	2
	21		Nº2 HELLERMAN SLEEVE.		2
	20	J4332	CABLE COVERING	AJD 14	1
	19	JA4549	BOWDEN CONDUIT ASSY	AJD 132	1
	18	JA4548	BOWDEN CONDUIT ASSY	AJD 131	1
	17	J14845	SAFETY TUBE	AJA 1534	1
⊙	16	J4666/L	TAILPLANE FABRIC COVERED	EJD 180	1
	15	711267	DISTANCE PIECE	AJA 171	2
	14	711266	DISTANCE PIECE	AJA 170	1
	13	J4676	STUD	AJD 19	2
	12	A48	HINGE PIN	ADD 69	9
	11	Q4503	ADJUSTING LINK	AQD 5	4
	10	Q4497	TIE ROD	AQD 2	2
	9	Q4496	TIE ROD	AQD 1	2
	8	Q4499	ATTACHMENT ANGLE	AQD 3/2	2
	7	Q4498	ATTACHMENT ANGLE	AQD 3/1	2
	6	Q4500	ATTACHMENT ANGLE	AQD 3/3	2
	5	JA4699	RUDDER - FABRIC COVERED	AJD 73	1
	4	JA4537	ELEVATOR - FABRIC COVERED STBD	DJD 127	1
	3	JA4538	ASSY: PORT ELEVATORS TRIM TAB	DJD 128	1
⊕	2	JA4570/R	TAIL PLANE - FABRIC COVERED STBD	EJD 135/R	1
⊕	1	JA4570/L	TAIL PLANE FABRIC COVERED PORT	EJD 135/L	1

* SP-Y MAY BE USED IF SP-2 ARE NOT AVAILABLE

ISSUE	NOTE No	AUTHORITY MOD. Nº	DETAIL CLASS	APPR.	RTO
K	CIVIL AMEND	3624			
J	CIVIL AMEND	3330			R.E.B.
H	CIVIL AMEND	3306			
G	CIVIL MOD	2968			
F	CIVIL AMEND	3257			
E	CIVIL MOD	3252			
D	CIVIL MOD	3234			
C	CIVIL MOD	2654½6			
B	CIVIL MOD	2450			
A	CIVIL MOD	2700			R.E.B.

TYPE: CIVIL AIRCRAFT J5F J5G J8L J5H J5K J5L ABCDEFGHJKLMNOPQR

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 MUSEUMS.

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

"Auster Spares", Carr Farm, Thorney, Newark, Notts., NG23 7DQ, England
Tel: 01 52 777817
Email: bakerdavaa@gmail.com

cm

NOTES: 1) WHEN ONE ELEVATOR HORN IS ALIGNED WITH THE TAILPLANE, A MAXIMUM MISALIGNMENT OF 1/4" IS ALLOWABLE BETWEEN THE OTHER ELEVATOR HORN AND THE TAILPLANE

FOR INTERCHANGEABLITY DATA RUDDER TO FIN & FIN TO FUSELAGE SEE DRG Nº 1.5.4

" " " ELEVATOR TO TAILPLANE & TAILPLANE TO FUSELAGE SEE DRG. Nº

THESE TWO DRGS ARE NOT TO BE USED FOR INSPECTION PURPOSES

2) ITEMS MARKED THUS ⊕ ARE ONLY REQUIRED FOR A/C PREMOD 3252 & REPLACE ITEMS MARKED THUS ⊙

3) " " " ⊙ " " " " " " POST MOD 3252 " " " " " ⊕

PART No.	COMPRISING :-
JL 14952	ALL ITEMS EXCEPT 45 & 46
JL 14962	ALL ITEMS EXCEPT 18 & 19

PROTECTIVE TREATMENT	ASSY. Nº	FJA1329	FJA1668	FJA1663	ITEM Nº	PART Nº	DESCRIPTION	MATERIAL OR DRG. Nº	NO OFF
	FJA996	FJA1541							
	SCALE: 1½" = 12"				DRAWN: T.H.M.	CHECKED: J.V.T.	TRACED: M.M.C.	TRACING CHECKED: [illegible]	
TAYLORCRAFT AEROPLANES (ENGLAND) LTD. LEICESTER.					STRESS APPROVAL		PART Nº	SEE TABLE	
TITLE: ASSEMBLY OF TAIL SURFACES					DESIGN APPROVAL	R.E.B. 29-5-54	DRG. Nº	EJA1597	
					APPROVED				