DO NOT SCALE DRAWING
ENGLISH PROJECTION IS
USED UNLESS OTHERWISE
STATED
TOLERANCES
DIMENSIONS

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 82 277817
Email: bakerdavcaa@gmail.com

cm

REAR CLIP (96) 45° FORWARD CLIP (27) FUSELAGE FRAME (13) (25) (89) (98)

SECTION G-G

DRILL NO. 15 27 ON ASSEMBLY (23) (13) (25) (89)

SECTION H-H

SECTION D-D (22) (21)

PART No	COMPRISING OF	A/C
JL 60668	ITEMS UNDER ⊕	J5F
JL 61275	ITEMS UNDER ◐	J5Q

(CONTD. FROM BELOW LEFT)

98	G 6326	CLIP	AGF 102	2	2	
99	A2528	BOLT		2	2	
						+

SEE DETAIL O
SEE DETAIL P
SEE DETAIL L (CARB'R TICKLER)
SEE DETAIL B
SEE DETAIL J
SEE DETAIL F
(9) (12) (16) (D) (G) (88)

ENGINE FUEL PUMP CONNECTION (59 REF. ONLY)

DETAIL A

DRILL NO. 12 ON ASSEMBLY (44) (13) (89) (25) (21)

VIEW ON ARROW E

SECTION Y-Y (91) (25) (89) (58) (92)

BULKHEAD (2) (32) (33) (34) UNDER SCREW HEAD AND NUT

DETAIL B

DRILL 8 HOLES NO. 27 DRILL LOCATE FROM ITEMS 6 & 8 (14) (65) (89) (13) FORWARD JOINT OF FRONT FLOOR BOARDS (8) (79) (80) (66) (80) (89) (13) SEE NOTE 6. (50) (51) POSITION TO SUIT

SECTION V-V

DETAIL C (84) (36) (81) (49) (83)

DETAIL N (54) (53) (56) (57) (52)

DETAIL M

† SEE NOTE 7.

1·60" OPEN WEAK

VIEW ON ARROW T

SEE DETAIL N
SEE DETAIL R
SEE DETAIL S
ITEM 81 (REF)
ENGINE BEARER
OIL COOLER
SEE DETAIL C
SEE DETAIL M (ASSEMBLY OF TICKLER CONTROL TO CARB.)
(52)

VIEW LOOKING ON STB'D SIDE OF ENGINE

ENSURE THAT DIRECTION OF FLOW ARROW IS POINTING FORWARD (95)

CLIP PRIMER PIPES TO DIAGONALS & RUN WELL CLEAR OF RUDDER PEDALS (1)

(14) (25) (89) (35) UNDER SCREW HEAD AND NUT ITEM 81 (REF)

SEE DETAIL A (18) (17) (31) (59) (4) (3) (12) (26) (73) (37)

MIXTURE CONTROL INBOARD (REF ONLY) (69)

THROTTLE CONTROL OUTBOARD (REF ONLY) (75)

(72) (34) (33) (32) (93) UNDER SCREW HEAD & NUT

MOUNTING BRACKET TICKLER CONTROL. (39) (78) (38) (77) (41)

DETAIL L

DETAIL F (11) (97) (10)

DETAIL N (54) (53) (56) (57) (52)

(46) (89) (25) FRONT FLOOR BOARD (21) (68)

SECTION Q-Q

DETAIL R (47) (88) (24) (25) (89) (99) (25) (89)

(43) (48) PUNCH LOCK HEAD. (36) SEE DETAIL N (42) (85)

SECTION K-K

PICKS UP ON FORWARD OIL COOLER ATTACHMENT (55) ENGINE BEARER (81) REF. ONLY.

DETAIL S

OIL COOLER SUPPORT

IF EXTENSION SHAFT IN ITEM 5 PROVES TO BE TOO LONG THEN 8 OFF ITEM 89 MAY BE USED TO PACK UP FUEL COCK PLATE.

SECTION W-W (HALF FULL SIZE) (40) (86) (28) PLATE SUPPLIED WITH PETROL COCK (67) (25) (89) (29) (25) (89) (90) (6)

IF THE EXTENSION SHAFT IN ITEM 5 PROVES TO BE TOO SHORT THEN ITEM 71 WILL BE INSERTED AT THIS POINT. (5) (20) (30) (7) (87) (70) (69) (75) FORWARD

DETAIL J

1 ADDITIONAL ITEM MAY BE INSERTED UNDER EACH FOOT OF ITEM 40 IF REQUIRED.

CLOSED RICH 1·60"

VIEW ON ARROW U

(76) DRILL NO. 42 (64) (65) (63) (74) (60) (94)* (61) (62)* OMITTED FOR CLARITY

MOUNTING BRKT. TICKLER CONTROL

DETAIL P

CONT'D BELOW		DETAIL O							
U	CIVIL MOD	2601			AE	CIVIL MOD AMD	3542		
F	CIVIL AMEND	2561			AC	CIVIL AMD.	3323	R.E.B.	
S	CIVIL MOD.	2551			AB	CIVIL AMEND	3249	R.E.B.	
Q	CIVIL AMEND	2522			AA	CIVIL MOD	3095	R.E.B.	
P	CIVIL AMEND	2499			Y	CIVIL MOD	2771		
N	CIVIL AMEND	2465			X	CIVIL AMEND	2769		
M	CIVIL AMEND	2415			W	CIVIL AMENDS	2708		
V	CIVIL MOD	2401			V	CIVIL AMEND	2685		
K	CIVIL AMEND	2316		REB.					
T	CIVIL MOD	2317		REB.					
N	CIVIL MOD	2306/	2305	REB.					
G		2300							
F		2148		R.E.B.					

ISSUE | MOD No | INTERNAL MOD. No | INTERNAL CLASS | APP.

TYPE: AUSTER J 5F

6. ITEM 45 IS REQD FOR RETROSPECTIVE FITMENT ONLY & IS INSERTED IN THE TOP OF ITEM 6 ATTACH WITH 3 OFF ITEMS 82, 25 & 89.

7. FOR ALTERNATIVE KNOBS & LABELS SEE ASK 2068. ABCDEFGH JKLMNOPQRSTUVWXYZ

NOTE! THIS DRG. WILL EVENTUALLY BE SPLIT UP INTO SEPARATE ASSEMBLIES.

GENERAL NOTES

1. FUEL LINES TO BE TESTED TO 15 LBS. □ IN.
2. ALL UNIONS TO BE WIRE LOCKED WITH ITEM 36.
3. FOR DETAILS OF ENGINE INSTALLATION & FURTHER DETAILS OF CONTROLS FORWARD OF THE BULKHEAD. SEE SHEET 2.
4. SCHEDULE APPLIES TO THIS SHEET ONLY.
5. DE HAVILLAND MOD. NO. 1483 MUST BE EMBODIED.

97	SP40/A32	GROMMET		—	1	
96	C15112	CLIP	AJA 1681	1	1	
95	648-3330-3	GROMMET	STANDARD INSULATORS	1	1	
* 94	J14195	COVER THROTTLE BRKT.	DTA 1318	1	1	
93	G6167	CLIP	AGF 101	4	4	
92	J14360	PACKER (KI-GASS PUMP)	AJA 1368	2	2	
91	A33/828	SCREW		2	2	

CONTD ABOVE.

90	ST103/A	WASHER		4	4
89	SP15B	WASHER		45	46
88	J60259	CLIP	ATF 360	1	1
87	J60780	NO. 2 INNER CABLE, MIXTURE	ATF 429	1	1
86	J 30240	FUEL COCK LABEL	AJC 458	—	1
85	A29141	BODY	SUPPLIED BY TELEFLEX	1	1
84	AGS 1616/C	UNION NUT 3/8" B.S.P.		1	1
83	J.31406	CONNECTOR	AJC 709	1	1
82	A32/128	SCREW		28	28

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL OR DRG. NO.	NO. OFF

81	J 31408	FUEL PIPE - BULKHEAD TO CARBURETTOR	AJC 711	1	1	
80	AGS 252/18	WOODSCREW		14	14	
79	AGS 2004/81	SINGLE ANCHOR NUT		2	2	
78	A14-28	NUT-2 BA BRASS		1	1	
77	J60185	KNOB-PULL TO PRIME	AJF 303	1	1	
76		PK. SCREWS NO. 4 x 3/8		6	6	
75	JA 60697	CONDUIT ASSY. THROTTLE	AJF 444	1	1	
74	J75138	THROTTLE BOX IDENT	AJG 1173	1	1	
73	JA 31316/L	FUEL PIPE (UNION TO UNION)	CJC 763	—	1	
72	JA 60706	BRACKET ASSY.	CJF 434	1	1	
71	J 31511	PACKER	AJC 754	1	1	
70	J60779	NO. 2 INNER CABLE	AJF 429	1	1	
69	JA 60699	CONDUIT ASSY. MIXTURE	AJF 445	1	1	
68	J 3745	DISTANCE PIECE	AJC 101	1	1	
67	A33/820	SCREW		4	4	
66	AGS 2007/81	DOUBLE ANCHOR NUT		6	6	
65	SP47/B	WASHER		7	7	
64	A32/812	SCREW		4	4	
63	AGS B32/4-C	SCREW		2	2	
* 62	J14194	COVER ~ THROTTLE BRACKET	DJA 1318	1	1	
61	JA 14271	COVER ASSY - THROTTLE	CJA 1349	1	1	
60	JA 61045	CONTROL BOX ASSY.	CJF 561	1	1	
59	JA 30191	FUEL PIPE	AKC 132	1	1	
58	J 31765	KI-GASS PRIMER PUMP	AJC 866	1	1	
57	J 60824	EYE END	ATF 484	1	1	
56	A27/CT	LOCKNUT		1	1	
55	AS 3181/9/C	'P' CLIP		1	1	
54	J60701	NO. 2 OUTER CONDUIT	ATF 446	1	1	
53	CIST/10/ R/4'-6"	ROD & CABLE ASSY.		1	1	
52	J60278	CARB HEAT CONTROL CABLE	ATF 334	2	2	
51	SP9/C4	SPLIT PIN		1	1	
50	DH 105 - 68A	CLEVIS PIN		1	1	
49	2007-7/8	BANJO UNION	SUPPLIED BY DEHAVILLAND	1	1	
48	A33/824	SCREW		4	4	
47	JA 60260	CLIP ASSY.	ATF 361	1	1	
46	AS 2243/10B	BOLT		1	1	
45	J 31505	BEARING BUSH	AJC 751	1	—	
44	J 14847	CLIP	AJA 1536	1	2	
43	J74301	DISTANCE PIECE	AJG 1023	4	4	
42	B 9906/32	PUSH PULL UNIT	AJF 450	1	1	
41	A14 7P	NUT		1	1	
40	JA 73876	FUEL COCK GUARD	AJG 719	1	1	
39	AGS 2035-J	WASHER		1	1	
38	JA 60244	TICKLER CONTROL ASSY.	AJF 356	1	1	
37	JL 30882/L	WING TANK (ASSY TO WING)	EJC 455/L	—	1	
36		22 S.W.G LOCKING WIRE	DTD 189	AS REQD.		
35	E1502	NON: - RETURN VALVE	KIGASS LTD	1	1	
34	SP15/C	WASHER		17	17	
33	AGS 2001/81	NUT		18	8	
32	A32/C16	SCREW		8	8	
31	E 900	GROMMET		1	1	
30	AGS 1145-C	NIPPLE		1	—	
29	A32/820	SCREW		4	4	
28	J 3131	FUEL COCK LABEL	CJC 687	1	—	
27	J 14848	CLIP	AJA 1536	1	1	
26	JA 31314/L	FUEL PIPE (UNION TO FUEL COCK)	CJC 763	—	1	
25	AGS 2001-8-1	NUT		25	26	
24	A25/48	BOLT		1	1	
23	AGS 1617/11	CLIP		2	2	
22	AGS 252/20	WOODSCREW		1	2	
21	AGS 1617/7	CLIP		3	5	
20	AGS 904-C	OUTER SLEEVE		1	—	
19	JA 31316/R	FUEL PIPE ~ UNION TO FUEL COCK	CJC 763	1	1	
18	JA 31326	FUEL PIPE ~ KI-GASS TO UNION BODY	AJC 685	1	1	
17	JA 31324	FUEL PIPE ~ KI-GASS TO BK HD. CONNECTION	AJC 684	1	1	
16	JA 31316/R	FUEL PIPE ~ UNION TO UNION	CJC 763	1	1	
15	AGS 1617/1	CLIP		2	2	
14	A32/816	SCREW		7	7	
13	A32/824	SCREW		13	14	
12	AGS 6277/C	UNION BODY		2	4	
11	ABA 218/E/505	GROMMET		1	—	
10	JA 31486	WATER TRAP	CJC 744	1	1	
9	J 73620	FLEXIBLE FUEL PIPE	AJG 715	1	2	
8	J 31308	PLATE ~ COCK SECURING	AJC 676	1	1	
7	SP9/C6	COTTER PIN		1	—	
6	JA 31307	MOUNTING BRACKET	DJC 674	1	1	
5	JA 31308	FUEL COCK - VICKERS - MOD'D	CJC 753	1	1	
4	JA 31317	FUEL PIPE ~ BULKHEAD TO WATER TRAP	CJC 763	1	1	
3	JA 31315	FUEL PIPE ~ FUEL COCK TO WATER TRAP	CJC 763	1	1	
2	J 31763	ADAPTOR ASSY.	AJC 865	1	1	
1	JA 30882/R	WING TANK (ASSY. TO WING	EJC 455/R	1	1	

PROTECTIVE TREATMENT | Assy No. FJAI329 | SCALE: 1/1, 1/2 & 1/8 | DRAWN 26.9.51. W.ELLIS | CHECKED T.H.M. | ISSUED B) RECORD C.W. [illegible]

TAYLORCRAFT AEROPLANES (ENGLAND) LTD. LEICESTER. | STRESS APPROVAL F.W.VANN | PART No. JL 60668

TITLE: ENGINE INSTALLATION, CONTROLS & FUEL SYSTEM. | APPROVED R.E.BIRD | DRG. No. JF404 SHT. No. 1 | 2 SHEETS