1. DO NOT SCALE DRAWING
2. ENGLISH PROJECTION IS USED UNLESS OTHERWISE STATED
3. TOLERANCES DIMENSIONS UNLESS OTHERWISE STATED
4. IF ANY DISCREPANCIES ARISE BETWEEN DRAWINGS OPERATIONAL SHEETS AND PARTS THE DRAWINGS SHALL BE REFERRED TO THE DESIGN DEPARTMENT FOR DECISION

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

CORRECT APPLICATION TO THE AIRCRAFT IS THE RESPONSIBILITY OF THE ENQUIRER AND HIS ENGINEER AND NOT OF "AUSTER SPARES" OR LEICESTERSHIRE AIR SERVICES.

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 7DG, England
Tel: (01 5) 270817
Email: hubandawes@gmail.com

cm

2·50"

HOLE CENTRES 18·84" MEASURED PARRALEL TO ℄ (18·67" TRAMMEL READING i.e. HOLE CENTRE TO HOLE CENTRE.

1·28" 1·26" 10·63" 14·75" 20·00"

'C'

CUT HOLE IN TANK SIDE FLUSH WITH INSIDE FILLER NECK.

6·25" 2·58" TO ℄ INSPECTION PANEL.

'D'

2·10

'A'

·38"

·58" DIA HOLE ON ℄ TANK.

4'88

·63"

SWEAT TO TANK & PIPE

DRG. TYP ISSUE TYP DESIGN. TYP AUTH.

15 SWEAT TO TANK.

3 RIVET & SWEAT TO TANK

18 ✱ SEE NOTE

27 ✱ SEE NOTE

41 42 SEE NOTE 8

7·25" DIA HOLE IN TANK.

℄ TANK.

34 RETROSPECTIVE ONLY

32·63" CENTRES.

28·37" CENTRES.

·65

FULL JOINT CONTINUES AROUND RADIUS

CAP TO BE FITTED TO TANK WITH OPEN END OR BREATHER PIPE FACING AFT.

26 FASTEN TO LUG ON FILTER

VIEW ON ARROW 'C'
(CAP NOT SHOWN IN OTHER VIEW)

℄ TANK

·56 DIA HOLE IN TANK

3 HOLES ·128" DIA EQUALLY SPACED ON ·10 P.C.DIA

VIEW ON ARROW 'A'

·38 DIA HOLE ON ℄ OF FILLER NECK.

24 SWEAT TO TANK & ITEM 25

25 SWEAT TO ITEM 24

·12"

1·5"

VIEW ON ARROW 'D'

TOP PANEL TURNED OVER & GOOD FILLET OF SOLDER RUN ALONG ENTIRE JOINT.

SECTION 'B-B'

NOTE

1. PRESSURE TESTS TO 1·0 LB/SQ. IN.
2. IT IS IMPORTANT THAT ALL JOINTS, SCREW RIVET & BOLT HEADS ARE THOROUGHLY SEALED TO TANK BY SOLDERING IN ORDER TO REMAIN LEAK PROOF DURING TEST.
3. ALL RIVET HOLES: $\frac{·131}{·128}$" DIA (No. 30 DRILL)
4. ALL BOLT & SCREW HOLES $\frac{·150}{·144}$" DIA (No. 27 DRILL)
5. USE GRADE 'M' SOLDER THROUGHOUT.
6. TANK SYMMETRICAL ABOUT ℄ EXCEPT FOR FILLER NECK ON PORT SIDE ONLY.
7. CAPACITY 13 GALLS. 6 PINTS.
8. ITEMS 41 & 42 MAY BE SUPPLIED WITH TANKS MANUFACTURED PRE-MOD. 1932 IF A DRAIN VALVE IS REQUIRED.

NOTE:- ITEMS 28 TO 32 ARE ALTERNATIVE TO ITEMS 18 & 27

✱ ITEMS 1 & 35 ARE ALTERNATIVES.

Ø ON PRODUCTION TANKS, THE DISHING MAY BE FORMED IN THE TOP PANEL & ITEM 35 & 24 OFF ITEM 22 WILL NOT BE REQUIRED.

SCHEDULE CONTINUED IN NEXT COLUMN

	ITEM No.	PART No.	DESCRIPTION	DRG. No.	No. OFF
SEE NOTE Ø RETROSPECTIVE ONLY	35	K.30734	WASHER PLATE	AKC. 281	2
	55	J.34326	DISHING	EJC. 719	2
	34	J.34425	INSPECTION PANELS	EJC. 718	1
✱	33	J.31085	PRESSED SHELL	EJC. 480	1
SEE NOTE.	32	RS4A0A05	RIVET		3
	31	J.30830	ADAPTOR	AJC. 415	1
	30	RS5304B	NUT		1
	29	RS3184B	SPLIT PIN		1
	28	RS3B0B3	NIPPLE		1
	27	RS4B3A5	RIVET		6
	26	-	LIGHT CHAIN 4" Lg. APPROX.		1
	25	RS5140F	WASHER		1
	24	J.30599	BREATHER PIPE	AJC 338	1
	23	RS4B5A05	RIVETS 1/8 DIA X 5/16 Lg.	COPPER	3
	22	RS4B5A04	RIVETS 1/8 DIA X 1/4 Lg.	COPPER	32
	21	RS5344B	SCREWS	BRASS	42
	20	R25/163	BOLTS		24
	19	-	20G LOCKING WIRE	TINNED COPPER	AS REQD.
	18	RS5385C	O'RING ADAPTOR		1
	17	JA31147	FUEL FILTER.	AJC 619	1
	16				
	15	J.30139	SERIAL PLATE	AJE. 2	1
	14	J.30161	LOCKING TAG	AJC 318	1
	13	JA30481	REAR TANK BRACKET	AJC 334	2
	12	JA30480	FRONT TANK BRACKET	EJC. 333	2
	11	JA30479	FUEL TANK BAFFLE	EJC. 332	1
	10	JA30478	FUEL TANK BAFFLE	EJC. 331	1
	9	JA30477	FUEL TANK BAFFLE	EJC. 330	1
	8	JA30476	FUEL TANK BAFFLE	EJC. 329	1
	7	JA30226	FILLER CAP	AJC. 632	1
	6	JA30475	FILLER NECK	EJC. 328	1
	5	J.30052	CLIP	AJC. 304	2
	4	J.30483	FUEL TANK PIPE	EJC. 336	1
	3	J.30482	ADAPTOR (FEED)	AJC. 335	1
	2	JA30477	PRESSED TOP.	EJC. 326	1
	1	JA30425	PRESSED SHELL	EJC. 325	1

EJC 11/72

ITEM No.	PART No.	DESCRIPTION	DRG. No.	No. OFF
42	RS5478	JOINTING WASHER		1
41	RS4523	KING VALVE		1
40	RS 85407	RIVET 120° CSK. 1/8 DIA X 7/16 LG.		8
39	RS5748/5	SCREW		24
38	K.30732	SEALING WASHER	AKC. 275	2
37	K.30735	INSPECTION PLATE	AKC. 282	2

J	CIVIL AMD.	3599		JJ					
H	CIVIL AMD.	2754		F.W.					
G	CIVIL AMD.	2503		REB					
F	CIVIL AMD.	2246		REB					
E	CIVIL AMD.	1960		REB					
D	CIVIL AMD.	1890		REB					
C	CIVIL AMD.	1649		REB					
B	CIVIL AMD.	1632		R.W.T.					
A	CIVIL AMD.	1577		R.W.T.					
ISSUE	MOD. No.	INTERNAL MOD. No.	INTERNAL CLASS	APP.	R.T.O.				

TYPE : CIVIL A/C

PROTECTIVE TREATMENT	ASSY. No.	EJC 291	EJC 589	DJC 761	✱
	DJC 624	EJC 712	DSK 1945	E/O 1106	
SCALE: -					

DRAWN: M. H. 24-3-47.
CHECKED: B/R. 7-11-86 C.M.L. 19-11-86

AUSTER AIRCRAFT LTD.

TITLE ASS'Y. PRESSED LONG RANGE TANK.

SYSTEM APPROVED R.W.V. PART No. JA.30474 MK. 2
YSTEM APPROVED 28-8
APPROVED DRG. No. FJC327 MK. 2