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

SEE DETAIL 'A' AND 'B'

SEE DETAIL 'D'
SEE DETAIL 'C'

COMPASS COILS
SHOCK TUBE.

SEE DETAIL 'D'
SEE DETAIL 'C'

SEE DETAIL 'E'

SEE DETAIL 'F'

ITEM 4 IS TO RUN ALONG FLOORBOARD, THRO' SHOCK TUBE, & SHOCK COVER & THRO' COMPASS HOUSING AS SHOWN.

SEE DETAIL 'G'

6.25"

REAR FLOORBOARD

SEE DETAIL 'H'

SEE DETAIL 'J'

2 OFF EACH DIS ASSY

SEE DETAIL 'K'

CROSSTUBE

CLAMP BRACKET ASSY TO CROSSTUBE AT POSITIONS MARKED THUS * WITH ITEM 52 SCREW HOUSING OF ITEM 52 TO BE POSITIONED FORWARD.

EXISTING BRACKETS

INSTRUMENT COVER PANEL.

REMOVE ANY EXCESS WELD FROM AROUND HOSE TO ENSURE GOOD SEATING OF ITEM 2

FORWARD

LOOP ITEM 24 AROUND ITEM 18 IN GROOVE AND SPLICE ITEM 24 INTO ITSELF. WRAP SPLICE WITH ITEM 50 AND SOLDER. FILL GROOVE WITH PLASTIC METAL PAINT. ITEM 18 RED AND PAINT ON IN BLACK PAINT 'GLIDER RELEASE' IN ¼" HIGH LETTERS

GLIDER RELEASE

55 REF

DETAIL 'A' SHOWING POSITION OF BRACKETS ON CROSSTUBE.

ABOVE IS FOR ELEVENT TO AIRCRAFT WITHOUT WELDED BRACKETS ON CROSSTUBE AS SHOWN IN DETAIL 'B'

EXISTING BRACKETS ON CROSSTUBE

INSTRUMENT COVER PANEL

DRILL 1 HOLE IN COVER PANEL No 27 DRILL

FORWARD

DETAIL 'B' SHOWING POSITION OF 3 HOLE ON CROSSTUBE.
GLIDER RELEASE KNOB NOT SHOWN

DRILL 2 HOLES THRO FLOORBOARD, FOAM, BRACKET No 10

SQ SLOT

LIND

1.50" SLOT IN LIND

SECTION X-X.

DETAIL 'F' SHOWING FITTING OF REAR GUIDETUBE TO FLOORBOARD

DRILL 2 HOLES THRO' FLOORBOARD FROM BRACKET No 10 DRILL

75°

SECTION Z-Z

DETAIL 'E' SHOWING FITTING OF REAR GUIDETUBE TO FLOORBOARD

DETAIL 'D' SHOWING CONNECTION OF GUIDE TUBES

PORT

DRILL THRO' SIDE-PROOFING No 27 DRILL

DETAIL 'G' SHOWING FITTING OF FAIRLEAD ASSY TO FLOORBOARD

DRILL THRO' ITEM 3 & 9 FROM C'SUNK HOLES IN ITEMS 8 ENSURING ITEMS ARE IN TRUE ALIGNMENT PAINTWORK) No 29 DRILL. THIS WILL GIVE AN INTERFERENCE FIT FOR BOLT. ENSURE ASSY IS FREE TO ROTATE IN ITS BEARING.

ITEM 3 ON DRG DIA 2.8.13 REF

REMOVE 2 EXISTING RIVETS FROM PORT SIDE OF RH TUBE STIFFENER ON BOTTOM REINFORCING PLATE AND DRILL No 21 DRILL

DETAIL 'J' SHOWING FITTING OF FAIRLEAD ASSY TO BOTTOM REINFORCING PLATE

1.05"

PORT

DETAIL 'H' SHOWING FITTING OF FAIRLEAD ASSY TO FUSELAGE

VIEW ON ARROW W.

PASS ITEMS 24 & 50 THRO' ITEM 39 FORM ITEM 50 OVER ITEM 24

WIRE LOCK BY APPROVED METHOD

UNDER NUT ONLY

SECTION Y-Y

BOLT NUT & WASHERS NOT SHOWN

ITEM 9 REF

CONNECTING LEVERS IN ITEM 10

DETAIL 'L' SHOWING CONNECTION OF RELEASE MECHANISM COVER NOT SHOWN

LEVER IN OPEN POSITION

LEVER IN CLOSED POSITION

ITEMS 8 & 9 MUST BE KEPT WITHIN THESE LIMITS WHEN DRILLING HOLES FOR ITEM 30

WHEN INSTALLED IN THE AIRCRAFT IT MUST BE ENSURED THAT THE SPRING PULLS THE LEVER ITEM 9 ONTO THE STOP ITEM 12, AND THE LINKAGE IS OVERCENTRE AS SHOWN. THE ROLLER ITEM 13 ON PIN ITEM 35 IS TO BE AT THE END OF THE SLOT. THERE IS TO BE A GAP OF 0.075 +0.010 -0.0 BETWEEN THE PAWL & THE HOOK. THE ABOVE ITEMS TO BE CHECKED BY THE INSPECTION DEPARTMENT

SEE DETAIL 'L'

UNDER NUT ONLY

UNDER HEAD & NUT

UNDER NUT ONLY

DETAIL 'K' SHOWING INSTALLATION OF RELEASE MECHANISM

NOTE. ITEM 52 TO BE USED IN CONJUNCTION WITH ITEMS 17, 52 & 3 OFF OF ITEM 26 ON A611 & GA ¾ ONLY

* NOTE: ITEMS 17, 52 & 3 OFF OF ITEM 26 ARE ONLY REQD WHEN ¾" IS NOT FITTED WITH BRACKETS AS SHOWN IN DETAIL B

IF MOD A37 INST "OF METAL PROPELLER IS FITTED WITH "THIS MOD. THE BASIC ENGINE BRACED BALLAST (REQ'D" IS NOT REQ'D 64

A CYLINDER TEMP GAUGE, MOD A36 OR MOD 375 MUST BE FITTED CONCURRENTLY WITH THIS INSTALLATION. MOD A36 IS REQD WHEN MOD 392 (A611 TYPE IN STRUMENT PANEL) IS FITTED MOD 375 IS REQD FOR THE NORMAL STANDARD INSTRUMENT PANEL

67				
66				
65				
64				
63				
62	NAS	TAILURIT FITTING		
61	AIA3441	LINK	AIA3079	1
60	SP67-A	THIMBLE		1
59	SP6-10/C	EYE		1
58	SP6-10/A	FORK		1
57	SP6-R/B	TURNBARREL		1
56	J18500	SADDLE PACKER	WRIGHT	1
55	J10836	DIST OF INSTALLATIONS	DJ 2261	REF
54	KL6018	INST OF ENGINE MAKERS	DKR213	1
53	STM403	WASHER		2
52	NAS 1605-1A	TUBULAR RIVET		AR
51		LOCKING WIRE 22SWG	QID/189	AR (GA)
50		COPPER WIRE 22SWG		AR (GA)
49				
48	SP90-C7	BOLT PIN		1
47	NAS 1802-E1	NUT ¼ BSF		2
46	2002-C1	NUT 2BA		6
45	2002-B1	NUT 4BA		4
44	A27-BP	NUT 4BA		2
43	A27-3S	SLOTTED NUT 5/16 BSF		1
42	SP15-G	WASHER 5/16 B.S.F		1
41	SP15-E	WASHER ¼ BSF		3
40	SP15-C	WASHER 2BA		6
39	SP15-B	WASHER 4 BA		4
38	SP90-C3	SPLIT PIN		3
37	SP62-A8	CLEVIS PIN		2
36				
35	SP62-A3	CLEVIS PIN		1
34	NAS 1581-3B	RD HD WOODSCREW		2
33	NAS 1581-3A	RD HD WOODSCREW		4
32	S3975-E	HEX HD BOLT ¼ BSF		1
31	S3975-C	HEX HD BOLT 2BA		2
30	A2564-B	HEX HD BOLT 4BA		2
29	A2564-C	HEX HD BOLT 2BA		2
28	A2564-D	HEX HD BOLT 2BA		2
27	A25-1-B	BOLT HEX HD 4BA		4
26	NSR1654	BOLT 4BA RD HEAD		4
25	J12248	STUD	AIA437	1
24	J17832	GUIDER CABLE 5 CWT	W2	13.5 (GA)
23	D145	CIRCLIP	ADB/362	4
22	D213	FAIRLEAD	AIB1730	4
21	AIA7362	FAIRLEAD BRACKET ASSY	AIA2858	1
20	AIA7330	FAIRLEAD BRACKET ASSY	AIA2860	1
19	AIA7391	FAIRLEAD BRACKET ASSY	AIA2861	1
18	48A-K-001	CABLE RELEASE KNOB		1
17	AIA7375	BRACKET ASSY	AIA2859	1
16				
15				
14	J12248	DISTANCE PIECE	AIA 488	1
13	GE2539	TUBE	AGE201	1
12	J13486	BUSH	AIA2838	1
11	J12253	SPRING	AIA 4388	1
10	AIA7337	GUIDER RELEASE UNIT	GIA2860	1
9	AIA12532	LEVER ASSY	AIA4473	1
8	AIA7346	LEVER & BOLT ASSY	AIA 487	1
7	J12251	SPACER	AIA482	4
6				
5	J12252	SPACER	AIA483	2
4	AIA7875	GUIDE TUBE ASSY	DIA2843	1
3	AIA7888	GUIDE TUBE ASSY	GIA2853	1
2	AIA7884	GUIDE TUBE ASSY	DIA2851	1
1	J17464	INST OF TOWING BEAM	DIA1640	1
ITEM NO	PART NO	DESCRIPTION	MATERIAL OR SPEC. REF.	

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

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

No supply does not confer any right to produce and trade in any of the components. Enquiries for those should be sent to:-

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