DRG. Nº E.G.F.4 MK 2

PART Nº G.A.6362

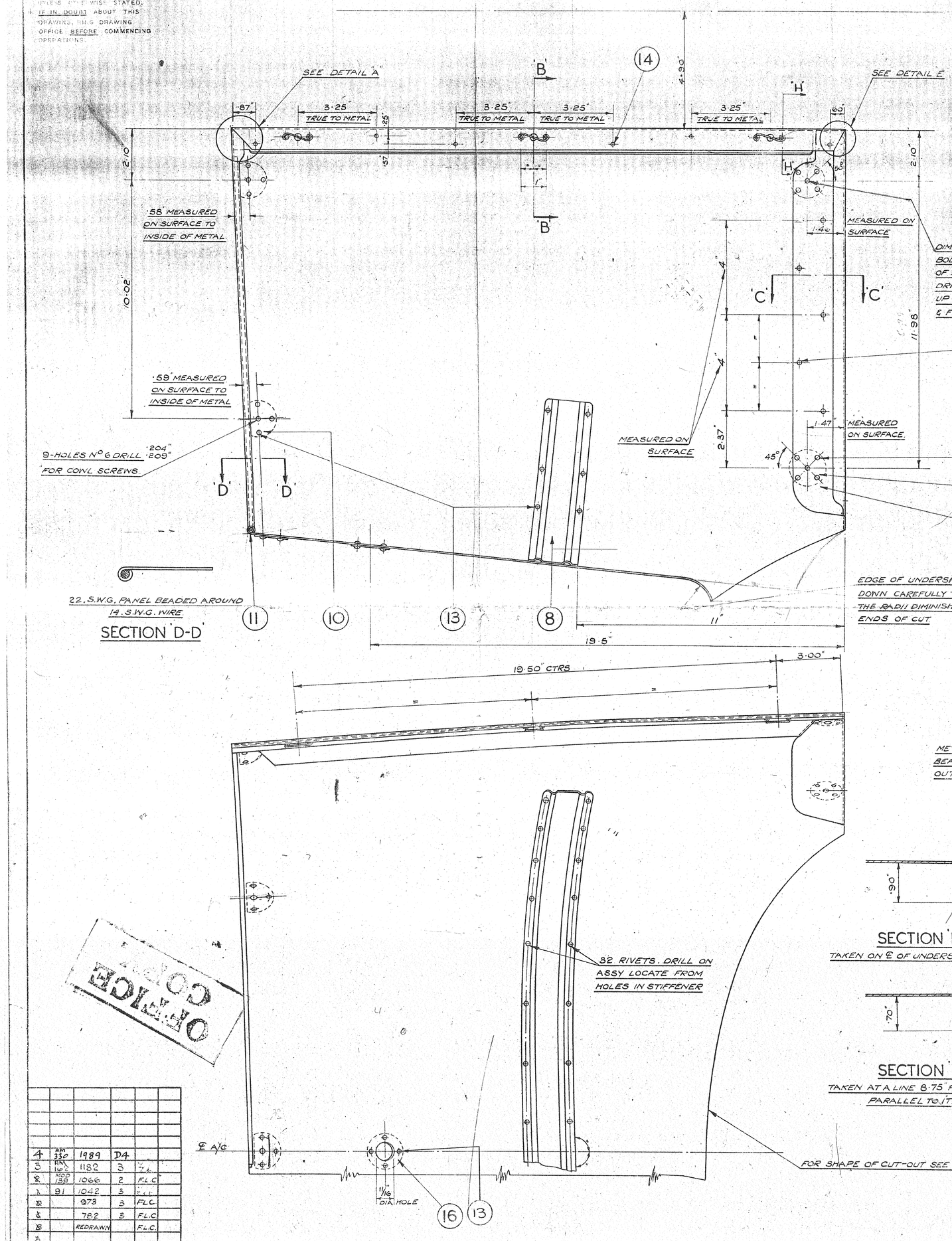
1. DO NOT SCALE DRAWING
2. ENGINEERING INFORMATION IS USED UNLESS OTHERWISE STATED
3. TOLERANCES ON DIMENSIONS ARE + OR -.01" UNLESS OTHERWISE STATED.
4. IF IN DOUBT ABOUT THIS DRAWING, SEND DRAWING OFFICE BEFORE COMMENCING OPERATIONS.

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

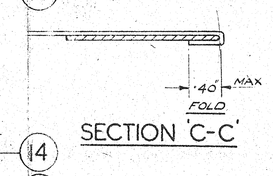
CORRECT APPLICATION TO THE AIRCRAFT IS THE RESPONSIBILITY OF THE ENQUIRER AND HIS ENGINEER AND NOT OF "AUSTER SPARES" OR LEICESTERSHIRE MUSEUM'S.

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

"Auster Spares", Carr Farm, Thoresby, Newark, Notts., NG23 7DD, England
Tel: 01623 277817
Emails: balcerdaveaa@gmail.com



SECTION 'D-D'



SECTION 'C-C'

(1) DIMENSIONS FOR COWL FASTENER BOLT LOCATION ARE GIVEN TO INSIDE OF METAL. CARE TO BE EXERCISED WHEN DRILLING TO ENSURE THAT HOLES PICK UP WITH HOLES & NUTS ON NOSE COWL & FIREWALL (SEE ALSO NOTE 2 BELOW.)

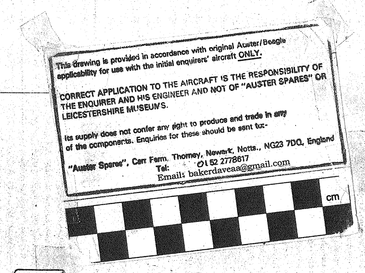
(13)

(14)

(9)

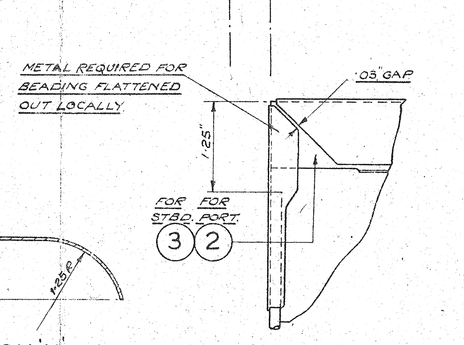
(6) (7) PORT

EDGE OF UNDERSHIELD TO BE BEATEN DOWN CAREFULLY TO GIVEN RADII (SEE SECTIONS K & L) THE RADII DIMINISH GRADUALLY TOWARDS ENDS OF CUT

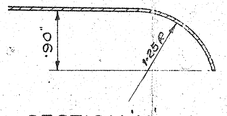


SKETCH 'M'

SHOWING TEMPLATE REQ'D FOR CUT-OUT AT REAR EDGE OF UNDERSHIELD TO IMPROVE ENGINE COOLING (MOD 139 RECOMMENDED A.M. CLASS 2)

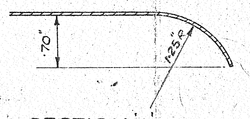


METHOD OF FINISHING OFF FRONT TOP CORNER. DETAIL 'A'



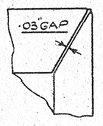
SECTION 'K'

TAKEN ON £ OF UNDERSHIELD

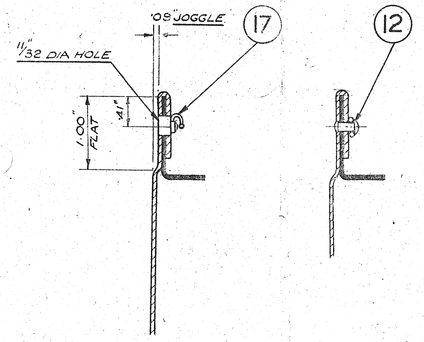


SECTION 'L'

TAKEN AT A LINE 8·75" FROM £ PARALLEL TO IT



DETAIL 'E'



SECTION 'B-B' SECTION THRO' 'H-H'

TYPICAL SECTIONS THRO' COWL FASTENER.

NOTES:-
1. FOR CONTOURS OF PANEL SEE DRG Nº E.G.F. 142 BLANK DEVELOPMENT TO BE OBTAINED BY WRAPPING AROUND FRONT PANEL FORMER. IT IS ESSENTIAL THAT THIS IS CARRIED OUT ACCURATELY.
2. COWL SCREW HOLE POSITIONS GIVEN ARE CORRECT AS DIMENSIONED & SHOULD BE JIG DRILLED IN CONJUNCTN WITH FIREWALL ASSY & NOSE COWL ASSY TO ENSURE INTERCHANGEABILITY.
3. PATCHES ON OUTSIDE OF PANEL AT COWL SCREW HOLES MUST BE FITTED CONCENTRIC WITH HOLES
4. RIVETS ALONG TOP, FRONT & REAR EDGES TO PROTRUDE A MINIMUM AMOUNT ON INSIDE
5. DIMS ARE MEASURED SQUARE UNLESS OTHERWISE STATED
6. ALL 1/8 DIA RIVET HOLES TO BE DRILLED Nº 30 DRILL ·128 DIA

ISSUE	MOD Nº	INTERNAL MOD. Nº	INTERNAL CLASS	APP.	RTO
4	ADP 330	1989	D4		
3	ADP 138	1182	3	F.L.C.	
2	NOD 138	1066	2	F.L.C.	
1	91	1042	3	F.L.C.	
B		973	3	F.L.C.	
A		782	3	F.L.C.	
		REDRAWN		F.L.C.	

TYPE: AUSTER.

ITEM Nº	PART Nº	DESCRIPTION	MATERIAL OR DRG Nº	Nº OFF
30				
29				
28				
27				
26				
25				
24				
23				
22				
21				
20				
19				
18				
17	STA 200 RING G	DZUS FASTENER SPRING	SUPPLIED BY THOS. HEADLAND LTD	6
16	G 6369	REINFORCING PATCH.	A.G.F.174	1
15				
14		SEMI-TUBULAR RIVET 1/8 DIA x 7/16 LG	SUPPLIED BY THE INJECTED SLEEVE CO.	28
13		SEMI-TUBULAR RIVET 1/8 x 1/8 LG		67
12	45458 ·402	RIVET		12
11	G 6374	WIRE 14 S.W.G. x 50" LONG	S.I.	1
10	D.64	REINFORCING PLATE	A.D.F.96	5
9	D.63	REINFORCING PLATE	A.D.F.95	4
8	G 6368	TRANSVERSE STIFFENER	C.G.F.75	1
7	G 6361/L	REAR STIFFENER L.H.	C.G.F.150/L	1
6	G 6361/R	REAR STIFFENER R.H.	C.G.F.150/R	1
5				
4				
3	G 6363/R	TOP LONGITUDINAL STIFFR STBD. 132" PORT	C.G.F.151/R	1
2	G 6363/L	TOP LONGITUDINAL STIFFR	C.G.F.151/L	1
1	G 6372	COWL SKIN 22 S.W.G.	L.16.	1

PROTECTIVE TREATMENT | ASSY. Nº E.G.F.2.

SCALE: 1/2 FULL SIZE. | DRAWN: G.E.L. SHAVES. | CHECKED: A.K.B. | TRACED: P.T.O. | TRACING CHECKED

TAYLORCRAFT AEROPLANES (ENGLAND) LTD. LEICESTER.

STRESS APPROVAL H.A.C. | DESIGN APPROVAL F.L.C. | APPROVED P.T.O.

PART Nº G.A.6362

TITLE: FRONT BOTTOM COWL ASSY.

DRG Nº E.G.F.4