1. DO NOT SCALE DRAWING
2. ENGLISH PROJECTION IS USED UNLESS OTHERWISE STATED.
3. TOLERANCES ON DIMENSIONS ARE + OR − 1/64 UNLESS OTHERWISE STATED.
4. IF IN DOUBT ABOUT THIS DRAWING, RING DRAWING OFFICE BEFORE COMMENCING OPERATIONS.

DRG. Nº EEH 2 L/R.
PART Nº EA80080 L/R.

SEE NOTE					
	J70974	79	WASHER	AJG 171	2
	E 80783	78	PACKER	AEH 180	1
	EA80070	77	ASSY. OF INBOARD LONG RIB.	DEH 25/R	1
	E80300	76	SERIAL PLATE.	AEH 170	1
‡	GA80804	75	AILERON BRKT. ASSY.	CGH 7	2
	AGS 250/3	74	WOODSCREW.		4
⊛	E80,182	73	SHIM.	AEH 148	AS REQD.
⊛	E80,181	72	SHIM.	AEH 147	AS REQD.
⊛	E80,180	71	SHIM.	AEH 146	AS REQD.
	D 829/2	70	PACKING BLOCK.	ADH 193/2	2
	D80274	69	LEADING EDGE.	ADH 221	1
	G 80360	68	FLAP BRKT. STAY	CGH 147	1
	AGS160/6	67	WASHER.		1

74 LEADING EDGE ITEM 31 TO BE COUNTER-PUNCHED .18" DIA. FOR ITEM 74.

2 3 4 69 5 21 64 1 26 6 7 18 6* 50 8 22 18 9 54 55 65 10 17 37 31 17 25 16 20 11 23 12 77

PORT WING STBD. WING

197¼" OVERALL OF WING.

17⅞" ℄ DRAG STRUT. 57⅛" 30⅝" 30⅝" 30⅝" 30⅝"

8 3/16" 3⅝" 3⅝" 4 11/16" 2½" 2½"

"A" "B" G H H

13 15 14 16 57

6¼" 5 5/16" 10⅛" "D" "F" "F" "A" "F" SEE DETAIL E1 "D" D1 P1

AILERON CABLES.

3" 9" 30.99"+.00"−.01" 63" 23"

1 64 44 68 40 47

9¼" 16⅝" 16⅝" 16⅝" 13 13/16" 16 7/16" 15⅛" 16 9/16" 15 5/16" 15 5/16" 15" 12 7/16" ¼"

29 28 39 33 34 35 36 30 24 53 32 27 40 48 51 54 55 45 49 47 55 54 67 24 53

FOR ATTACHMENT DETAILS OF ALL DRAG STRUTS SEE (38)

NOTE:- THE THREADS OF ALL TIE-RODS ARE TO BE WELL GREASED BEFORE ASSY. & THE WHOLE OF THE TIE-RODS TO BE WELL COATED WITH IMMUTOL SLUSH AFTER ADJUSTMENT.

FOR ATTACHMENT OF RIBLETS SEE SECTION BELOW.

NOTE:- NOSE RIBS & RIBLETS TO BE EVENLY SPACED BETWEEN REGULAR RIBS UNLESS OTHERWISE DIMENSIONED.

REPLACES ITEM 65 AT THIS POINT ONLY

NOTE:- IN ORDER TO CLEAR AILERON CONTROL CABLES ITEMS 24 & ITEM 16 TO BE FIXED NOT MORE THAN 5/8" FROM TOP OF SPAR IN FLAP SECTION OF WING.

SECTION "A-A"

40 5/16" 5/16"

THESE ITEMS ARE ⊛ ALTERNATIVE FITMENTS

71 72 73 (FIT AS REQUIRED)

59 AT CONTROL BRACKET.
58 AT OUTER & INNER BRACKETS.
70 AT OUTER & INNER BRACKETS.
60 AT CONTROL BRACKET.
61
62

SECTION "D-D" HALF FULL SIZE.

SECTION "E-E" HALF FULL SIZE.

ALLOW 1/8" FOR FOLDING OVER BOOM

SECTION "F-F"

JOIN ON ℄ BOOM

DETAIL "E1"

ALLOW 1/8" FOR FOLDING OVER BOOM

SECTION "D-D"

SECTION "B-B"

AGS 252/2	66	WOODSCREWS			6
E80142	65	WASHER	AEH 114		9
AGS 250/22	64	WOODSCREW.			8
DA80126	63	BONDING ASSEMBLY.	ADH 194		1
BP 1.	62	4 BA. SIMMONDS NUT.			6
AGS 245/25	61	4 BA. SCREW.			6
D 829/1	60	PACKING BLOCK.	ADH 193/1		1
D 810	59	CLIP FOR AILERON CONTROL BR	ADH 174		1
B 825	58	CLIP FOR OUTER & INNER AILERON BRACKETS.	ADH 127		2
EA80088	57	ASSY. OF DRAG STRUT.	CEH 56		1
E80150	56	AILERON CABLE BUSH.	AEH 106		7
CP1	'55	SIMMONDS NUTS.			1
A1 8C	54	BOLTS.			9
E80127	53	BRACING CHANNEL IN WING	AEH 105		2
D10010	52	MODIFICATION PLATE	ADA 288		1
E80083	51	WASHER.	AEH 104		1
D80275	50	LEADING EDGE.	ADH 222		1
EA80370	49	FLAP BRKT. ASSY.	CEH 179		4
E80241/L	48	FAIRING STRIP.	CEH 130/L		1
E80240/L	47	FAIRING STRIP.	CEH 35/L		1
E80114	46	PACKING.	AEH 131		7
A 14 CB	45	2BA BRASS NUTS (THIN)			20
AGS 252/20	44	RD. HD. WOOD SCREWS.			13
E80113	43	RIBLETS.	AEH 133		4
E80112	42	RIBLETS.	AEH 132		9
	41	CEMENT COATED NAILS 186 x 5/8" LG.			250
	40	PARKER-KALON SCREWS TYPE ZR Nº 4 x ¼" LG.			216.
DL 80109/L	39	DETAILS OF STRUCTURE AT STRUT	EDH 42/L.		1
DL 80077	38	DRAG STRUT ATTACHMENTS	DDH 41		1
DA 8	37	JURY STRUT CROSS PIECE ASSY.	CDH 34		1
A8097/L	36	INNER GAP SHROUD.	CDH 183/L		1
D800/L	35	CENTRE GAP SHROUD.	CDH 182/L		1
A 8098/L	34	OUTER GAP SHROUD.	CDH 181/L		1
C851/L	33	TIP GAP SHROUD.	CDH 160/L		1
A8006	32	WING TRAILING EDGE.	ADH 189		1
D80276	31	LEADING EDGE.	ADH 223		1
‡ CA 800	30	AILERON BRACKET ASSY.	CDH 16		2
CA 809	29	INTERMEDIATE SHORT RIB.	CDH 23		1
DA80116/L	28	ASSY. OF AILERON CONTROL.	DDH 29/L		1
EA80079/L	27	REAR SPAR ASSEMBLY.	EEH 7/L		1
EA80078/L	26	FRONT SPAR ASSEMBLY.	EEH 6/L		1
JA80375	25	FABRIC SUPPORT BRACE AT L.E.	CJH 22		2
A 8013	24	BRACING CHANNEL IN WING	ADH 89		2
B 824	23	BRACING CHANNEL IN WING LEADING EDGE	ADH 126		1
ST105/42/385	22	BRACING WIRES.			8
ST105/42/603	21	BRACING WIRES.			2
EA80087	20	ASSY. OF DRAG STRUT.	CEH 55		1
EA80086	19	ASSY. OF DRAG STRUT.	CEH 54		1
EA80085	18	ASSY. OF DRAG STRUT.	CEH 53		1
EA80084	17	ASSY. OF DRAG STRUT.	CEH 52		2
A 8024 W	16	BRACING CHANNEL IN WING	ADH 93		6
CA 802	15	ASSY. OF OUTBOARD LONG RIB	DDH 18		1
CA 801/L	14	WING TIP BOW TUBE & ATTACH	EDH 17/L		1
D 828/L	13	FALSE RIB AT WING TIP.	CDH 187/L		1
EA80069	12	ASSY. OF INBOARD LONG RIB.	DEH 25/L		1
DA80076	11	ASSY. OF INBOARD NOSE RIB.	DDH 48		1
EA 80071	10	LONG RIB ASSEMBLY.	DEH 31		5
EA80072/L	9	INNER LONG RIB ASSEMBLY.	DEH 32/L		1
EA80068	8	INNER SHORT RIB ASSEMBLY	DEH 24		1
EA80067	7	SHORT RIB ASSY. AT STRUT P1	DEH 22		2
CA 814	6	ASSY. OF NOSE RIB AT SPAR PACK	CDH 25		4
CA 806	5	NOSE RIB ASSEMBLY.	CDH 21		4
EA80066	4	SHORT RIB ASSEMBLY.	DEH 20		3
CA 803	3	WING TIP NOSE RIB.	CDH 19		1
D 82	2	L.E. OUTBOARD SECTION.	DDH164/L		
EA80075	1	REINFORCEMENT TO L.E.	DEH 50		2

‡ ITEMS 30 & 75 ARE ALTERNATIVE FITMENTS.

ISSUE	MOD Nº	INTERNAL MOD. Nº	INTERNAL CLASS	APP.	RTO
18	203	1327	2A	F.L.C.	
17	A.M. 195	1302	3	F.L.C.	
16	AM 187	1276	3	R.C.T.	
15	AM 184	1248	3	F.L.C.	
14	AM 173	1214	3	F.L.C.	
13	AM 162	1190	3	F.L.C.	
12	AM 147	1134	3	F.L.C.	
11	AM 127	1119	3	F.L.C.	AR Mc K
10	AM 129	1082	3	F.L.C.	
9	AM 91	951	4	F.L.C.	
8	AM 91	865	3.	R.C.T.	
7	AM 90	827	4	F.L.C.	
6	AM 90	771	3	F.L.C.	
5	AM 85		3	J.H.P.	
4	AM 76		3	J.H.P.	
3	MOD. 74		3	J.H.P.	
2	MOD. 68		3		
1	MOD. 26			J.H.P.	
A					

TYPE: AUSTER.

41 ¼" ⅛"

TYPICAL SECTION SHOWING ATTACHMENT OF RIB FLANGES TO SPARS.

BUSH TO BE FIXED TO PLATE SO THAT AILERON CABLE MOVES CENTRALLY IN SLOT.

40 56

ITEM 56 IS TO BE FITTED TO ALL THE LONG RIBS (7 OFF) ON THE SAME SIDE OF THE RIB WEB AS ANGLE STIFFENER AS SHOWN.

VIEW SHOWING POSITION OF AILERON BUSH.

41 42 40 "C" "C" REAR SPAR. GAP SHROUD. 43

.04" INSIDE RADIUS.

SECTION "C-C"

TYPICAL SECTION SHOWING ATTACHMENT OF RIBLETS.

EEH 2/L. PORT AS DRAWN.
EEH 2/R. STB'D. OPP HAND.

ALLOW 1/8 FOR FOLDING OVER BOOM.

SECTION "G-G"

CHECK DIMENSION 1 1/4" 1/2"

SECTION H-H

46

TYPICAL VIEW WHERE DRAG STRUTS COINCIDE WITH RIBS, SHOWING FLANGE OF RIB, CUT & BENT BACK TO CLEAR DRAG STRUT FOOT.

78 BETWEEN AILERON BRKT. & SPAR.

79 79 BETWEEN AILERON BRKT. & SPAR

3/16" 1/8" 3/16" 3/16"

DRG. Nº & ISSUE Nº SERIAL Nº TAK. TYPE SERIAL Nº TAK. MOD. MODS.

76 66 52

VIEW IN DIRECTION OF ARROW "F" SHOWING POSITION OF MOD. PLATE & SERIAL PLATE FRONT MAINPLANE SPAR.

DRAG STRUT FOOT

JURY STRUT UPPER CROSSPIECE.

BONDING OF JURY STRUT UPPER CROSSPIECE.

63

PART Nº EA80080/L. DRG. Nº EEH 2/L AS DRAWN.

PART Nº EA80080/R. DRG. Nº EEH 2/R. OPP HAND.

VIEW SHOWING FLANGE OF RIB ITEM 6 MARKED ⊛ CUT TO CLEAR LIFT STRUT FITTING.

PROTECTIVE TREATMENT	ASSY. NOS.	EEH 48	EDH 51

SCALE: 1½" = 12"

DRAWN: J.E.J. TRACED: P.T.O. CHECKED: MES

TAYLORCRAFT AEROPLANES (ENGLAND) LTD. LEICESTER.

TITLE: WING ASSEMBLY.

ITEM Nº	PART Nº	DESCRIPTION	MATERIAL OR DRG. Nº	Nº OFF
		CHECKED G.E. WOODS	PART Nº	EA80080 L/R.
		STRESS APPROVAL H.A.C.		
		DESIGN APPROVAL F.L.C.	DRG. Nº	EH 2 L/R.
		APPROVED R.T.O. R.McK.		