

SHACKLETON Mk. 3

**TAIL UNIT  
ELEVATORS**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Place and Illust'n No.
		1	2	3	4			M.R.	
4041	13G2968	<b>ELEVATOR, COMPLETE, PORT ...</b>				1	—	<b>A</b>	
4042	14G2968	<b>ELEVATOR, COMPLETE, STARBOARD</b> (Complementary items, e.g. inter-component attachments are listed at the end of "Tailplane Assembly").				1	—	<b>A</b>	
		Spares for :—							
	1G2985	<b>BALANCE, MASS, OUTER, GROUP ...</b>				1	—		
2424	1G2958	<b>BALANCE, MASS, CENTRE, GROUP ...</b>				1	—	<b>C</b>	
13454	19G1580	Bolt, plug, for mass balance ...				1	—	<b>C</b>	
13186	2G1289	Bolt, taper, attachment of tube ...				3	S2	<b>C</b>	
5808	78G1580	Edge, trailing, inboard ...				1	L72	<b>C</b>	
	1G1655	<b>EDGE, TRAILING, OUTBOARD, PORT, GROUP</b>				1	—		
	2G1655	<b>EDGE, TRAILING, OUTBOARD, STARBOARD, GROUP</b>				1	—		
4552	35G1912	<b>FLAP, TRIMMER, PORT, GROUP ...</b>				1	—	<b>C</b>	
4553	36G1912	<b>FLAP, TRIMMER, STARBOARD, GROUP</b> Spares for :—				1	—	<b>C</b>	
	13G1519	Block, stiffening, starboard ...				2	BSS668	<b>C</b>	
	14G1519	Block, stiffening, port ...				2	BSS668	<b>C</b>	
	15G1519	Block, stiffening, starboard ...				1	BSS668	<b>C</b>	
	16G1519	Block, stiffening, port ...				1	BSS668	<b>C</b>	
	17G1519	Block, stiffener, starboard ...				1	BSS668	<b>C</b>	
	18G1519	Block, stiffener, port ...				1	BSS668	<b>C</b>	
	25G1912	Hinge, flap, port (AS1880) (Make from Ref. 28N/10363)				1	—		
	26G1912	Hinge, flap, starboard (AS1880) (Make from Ref. 28N/10363)				1	—		
4554	37G1912	<b>LEVER, TRIM FLAP, PORT, GROUP...</b>				1	—	<b>C</b>	
4555	38G1912	<b>LEVER, TRIM FLAP, STARBOARD, GROUP</b>				1	—	<b>C</b>	
28M/13121	A27/CS	Nut, slotted, 2BA, for lever screws...				4	—	<b>C</b>	
28P/12349	SP9/C5	Pin, split, $\frac{1}{16}$ " dia. x $\frac{3}{8}$ " long ...				4	—	<b>C</b>	
28Q/417224	AGS2050/419BH	Rivet, pop, $\frac{1}{8}$ " dia. for serial plate ...				4	—	<b>C</b>	
13044	1SS3260	Plate, serial number ...				1	—	<b>C</b>	
13187	33G1237	Screw, $\frac{3}{8}$ " dia. x $2\frac{5}{16}$ " long for lever ...				2	S1	<b>C</b>	
13188	34G1237	Screw, $\frac{3}{8}$ " dia. x 2" long for lever ...				2	S1	<b>C</b>	
1922	5G1660	<b>FLAP, ELEVATOR SERVO, PORT, GROUP</b>				1	—	<b>C</b>	
1923	6G1660	<b>FLAP, ELEVATOR SERVO, STARBOARD, GROUP</b> Spares for :—				1	—	<b>C</b>	
13438	1G1754	Block, fairing ...				1	Hardwood	<b>C</b>	
28D/12534	A25/9C	Bolt, hex.hd. 2BA x 1.35" long ...				1	—	<b>C</b>	
28D/12540	A25/18C	Bolt, hex.hd. 2BA x 2 $\frac{1}{4}$ " long ...				1	—	<b>C</b>	

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		1	2	3	4			St.	
		<b>FLAP, ELEVATOR SERVO, PORT &amp; STARBOARD (5 &amp; 6G1660) (Cont'd)</b>							
	1G1911	<b>FLAP, SERVO, PORT, GROUP</b> ...				1	—		
	2G1911	<b>FLAP, SERVO, STARBOARD, GROUP</b> ...				1	—		
		Spares for :—							
	21G1911	<b>Hinge, flap, port (AS1880) (Make from 28N/10363)</b>				1	—	C	
	22G1911	<b>Hinge, flap, starboard (AS1880) (Make from Ref. 28N/10363)</b>				1	—	C	
13434	G1753	<b>Lever, balance, flap</b> ...				1	S3	C	
28M/13121	AS27/CS	<b>Nut, slotted, 2BA</b> ...				2	—	C	
28P/12349	SP9/C/5	<b>Pin, split, <math>\frac{1}{16}</math>" dia. x <math>\frac{3}{8}</math>" long</b> ...				2	—	C	
13044	1SS3260	<b>Plate, serial number</b> ...				1	—	C	
28Q/417224	AGS2050/419BH	<b>Rivet, pop, <math>\frac{1}{8}</math>" dia., attachment of serial plate</b>				4	—	C	
13342	3G1521	<b>Washer, packing, lever</b> ...				4	L1 or L40	C	
		<b>GEAR TRIMMER, OPERATING, GROUP (1G2896)</b>				1	—		
		Spares for :—							
1929	1SK12799	<b>Adaptor, <math>\frac{9}{16}</math>"</b> ...				1	S1	C	
	9G2896	<b>Bearing, end, R/H thread</b> ...				2	—		
1930	6G2896	<b>Bolt, hex.hd. 2BA, <math>1\frac{1}{8}</math>" long, attachment of control rod to bracket</b>				1	S2 or S11	C	
1931	7G896	<b>Bolt, hex.hd. 2BA, <math>1\frac{1}{4}</math>" long, attachment of control rod to fork-end</b>				1	S2 or S11	C	
13334	8G1298	<b>Bush, <math>1\frac{1}{4}</math>" dia.</b> ...				2	BSS251	C	
	8G1385	<b>Nipple, "tecalemit," <math>\frac{1}{4}</math>" BSF</b> ...				1	—		
28M/767	A16Y/CS	<b>Nut, slotted, 2BA</b> ...				2	—	C	
28M/13123	A27/JS	<b>Nut, slotted, <math>\frac{3}{8}</math>" BSF, for end bearing</b> ...				1	—	C	
28P/5033	AGS784/4	<b>Pin, split, <math>\frac{1}{16}</math>" dia. x <math>1\frac{1}{4}</math>" long</b> ...				1	—	C	
1492	8G2896	<b>ROD, CONTROL, GROUP</b> ...				1	—	C	
		Consisting of :—							
1932	5G2896	<b>Plug, rod end, <math>\frac{9}{16}</math>" dia.</b> ...				2	S1	C	
28Q/9587	AS2229/412	<b>Rivet, Csk.hd. <math>\frac{1}{8}</math>" dia. x <math>\frac{3}{4}</math>" long</b> ...				4	—	C	
	8aG2896	<b>Rod, control</b> ...				1	T4		
1494	4G2896	<b>Screw, fork-end</b> ...				1	L40	C	
1493	3G2896	<b>Sprocket, screwed, <math>1\frac{9}{16}</math>" dia.</b> ...				1	S2 or S11	C	
28W/12252	SP13/C	<b>Washer, thin, 2BA</b> ...				2	—	C	
13731	9G1298	<b>Washer, <math>1\frac{1}{4}</math>" dia. x <math>\frac{3}{32}</math>" thick</b> ...				2	S1 or S6	C	
13732	10G1298	<b>Washer, <math>1\frac{1}{4}</math>" dia. x <math>\frac{5}{16}</math>" thick</b> ...				1	S1 or S6	C	
	10G2896	<b>Washer, special, for adaptor</b> ...				1	S3		
3354	1G2951	<b>GUARD, TRIMMER CONTROL, PORT, GROUP</b>				1	—	C	
3355	2G2951	<b>GUARD, TRIMMER CONTROL, STARBOARD, GROUP</b>				1	—	C	
		Spares for :—							
2513	30G2951	<b>BAG AND COVER PLATE FOR TRIMMER CONTROL ROD, GROUP</b>				1	—	C	
	7G1651	<b>Guard, sprocket</b> ...				1	BSS668		

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		1	2	3	4			M.R.	
28M/10290 13299	2G2979	Guard, ice, elevator trimmer ... ..				1	DTD213		
	AGS2001/E1	Nut, stiff, 1/4" BSF, for taper bolt ... ..				3	—	C	
	27G1380	Packing, 1.17" dia. x 1" long, for mass balance				4	Hardwood	C	
1934	1G1913	<b>SHROUD, TRIMMER AND SERVO, PORT, GROUP</b>				1	—	C	
1935	2G1913	<b>SHROUD, TRIMMER AND SERVO, STARBOARD, GROUP</b>				1	—	C	
		<b>SKIN, ELEVATORS, PORT AND STARBOARD (17 &amp; 18G2968)</b>							
		Spares for :—							
13127	3G1168	Door, plate, inspection ... ..				1	L72	C	
		<b>EXCLUDER, AIR, TRIMMER, GEAR (22G2968)</b>							
		Consisting of :—							
13189	4G1174	<b>EXCLUDER, AIR, GROUP ... ..</b>				1	—	C	
		Plate, attachment ... ..				1	L72		
13190	3G2979	Ring, clamping ... ..				1	L72	C	
28Q/10407	3G1174	Rivet, mush-hd, 1/8" dia. x 1/4" long ...				10	—	C	
		AS2228/404							
5807	21G1580	Fairing, nose, outer, port ... ..				1	L72	MR	
	22G1580	Fairing, nose, outer, starboard ... ..				1	L72	MR	
	23G1580	Fairing, nose, centre, port ... ..				1	L72	MR	
	24G1580	Fairing, nose, centre, starboard ... ..				1	L72	MR/C	
	25G1580	Fairing, nose, centre, port ... ..				1	L72	MR	
	26G1580	Fairing, nose, centre, starboard ... ..				1	L72	MR	
	27G1580	Fairing, nose, inner, port ... ..				1	L72	MR	
	28G1580	Fairing, nose, inner, starboard ... ..				1	L72	MR	
13043	1SS3259	Plate, mod. record ... ..				1	—	C	
13044	1SS3260	Plate, serial number ... ..				1	—	C	
13014	1SS3261	Screw, round head for attachment of serial and mod. record plates				4	—	C	
1920	1G1585	<b>TUBE, MASS BALANCE, GROUP ...</b>				1	—	C	
13191	3G1289	Washer, plate, concave, for taper bolts through tube					L1	C	
28W/12253	SP13E	Washer, thin, 1/4" BSF, for taper bolt ... ..				3	—	C	
13192	16G1337	Weight, mass balance ... ..				1	Lead	C	

(Issued with A.L.5)

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		1	2	3	4			M.R.	

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FIN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
4008	1H2434	<b>FIN ASSEMBLY, PORT</b> ... ..	1	—	A	
4009	2H2434	<b>FIN ASSEMBLY, STARBOARD</b> ... ..	1	—	A	
		(Complementary parts, e.g. inter-component attachments listed at the end of this assembly spare and must be demanded separately, when required)				
		Spares for :—				
1197	13R3812	<b>BEARING, HOUSING, RUDDER TRIM, PORT, GROUP</b>	1	—	A	
		(Not supplied with Fin. See Complementary items : Tailplane)				
1198	14R3812	<b>BEARING, HOUSING, RUDDER TRIM, STARBOARD, GROUP</b>	1	—	A	
		(Not supplied with Fin. See Complementary items : Tailplane)				
28D/12519	10R2906 A25/3E	<b>Bolt</b> , special, for attachment of lever to fork-end	1	S2 or S11		
		<b>Bolt</b> , hex.hd. $\frac{1}{4}$ " BSF x 8", attachment of rudder stop bracket	4	—	C	
28D/12639	A25/6G	<b>Bolt</b> , hex.hd. $\frac{5}{16}$ " BSF x 1.15" long, attachment of rudder stop bracket	2	—	C	
13777	1H822	<b>BRACKET, AERIAL TENSION, GROUP</b>	1	—	MR/C	
5540	127H2089	<b>BRACKET, RUDDER HINGE, TOP GROUP</b>	1	—	C	
		Consisting of :—				
	127aH2089	<b>Bracket</b> , top ... ..	1	DTD298A or L53		
5545	127bH2089	<b>Bush</b> , $\frac{7}{8}$ " dia. x $\frac{3}{8}$ " long ... ..	2	DTD364A or L40	C	
		<b>Attachments, for Bracket, Part No. 127H2089</b>				
28M/13534	A27/EC	<b>Nut</b> , castellated, $\frac{1}{4}$ " BSF ... ..	8	—	C	
28P/12462	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..	4	—	C	
5314	9H2094	<b>Stud</b> ... ..	4	S96	C	
28W/12253	SP13/E	<b>Washer</b> ... ..	4	—	C	
28W/3072	AGS160/D	<b>Washer</b> ... ..	4	—	C	
5541	128H2089	<b>BRACKET, RUDDER HINGE, BOTTOM, GROUP</b>	1	—	C	
		Consisting of :—				
	12aH2089	<b>Bracket</b> , bottom ... ..	1	DTD298A or L53		
5545	127bH2089	<b>Bush</b> , $\frac{7}{8}$ " dia. x $\frac{3}{8}$ " long ... ..	2	DTD364A or L40	C	
		<b>Attachments for Bracket, Part No. 128H2089</b>				
28M/13534	A27/EC	<b>Nut</b> , castellated, $\frac{1}{4}$ " BSF ... ..	8	—	C	
28P/12462	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..	4	—	C	
6542	19H2094	<b>Stud</b> ... ..	4	—	MR/C	
28W/12253	SP13/E	<b>Washer</b> ... ..	4	—	C	
28W/3072	AGS160/D	<b>Washer</b> ... ..	4	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St.	
1939	13H2089	Bracket, datum hinge ... ..				1	DTD304	C	
<b>Attachments, for Bracket, Part No. 13H2089</b>									
28M/13534	A27/EC	Nut, castellated, $\frac{1}{4}$ " BSF ... ..				8	—	C	
28P/12462	SP9/C8	Pin, split $\frac{1}{8}$ " dia. x 1" long ... ..				4	—	C	
5314	9H2094	Stud ... ..				4	S96	C	
28W/12253	SP13/E	Washer ... ..				8	—	C	
	14H2434	Bracket, rudder stop ... ..				1	DTD364		
	19H2434	Bracket, mounting, for lever lock ... ..				1	L72		
	20H2434	Bracket, mounting, for lever lock ... ..				1	L72		
	5T2275	Bracket, aerial pulley, outboard port and inboard starboard				1	L72		
	6T2275	Bracket, aerial pulley, inboard, port and outboard, starboard				1	L72		
4974	1H2097	<b>EDGE, LEADING, FIN, GROUP</b> ... ..				1	—	MR/C	
	5H2097	Edge, leading, top ... ..				1	L72	MR	
	6H2097	Edge, leading, bottom ... ..				1	L72	MR	
559	47H2089	Insert, de-icing, top ... ..				1	—	C	
560	48H2089	Insert, de-icing, bottom ... ..				1	—	C	
4264	1R3442	<b>LEVER, FIN, GROUP</b> ... ..				1	—	C	
(See Flying Controls)									
528	MESSIER 5/M4	Nut, connecting, de-icing pipe to insert ... ..				6	—	C	
529	MESSIER 4M/4	Olive, de-icing pipe to insert ... ..				6	—	C	
	8SS3221	Panel, access ... ..				3	—	C	
13124	30SS3221	Panel, access ... ..				1	—	C	
4972	16H2434	<b>PANEL, DETACHABLE, PORT, GROUP</b> ... ..				1	—	B	
4973	17H2434	<b>PANEL, DETACHABLE STBD., GROUP</b> ... ..				1	—	B	
Spares for :—									
	7bH760	<b>DOOR, INSPECTION, GROUP</b> ... ..				2	—	C	
13004	5SS3158	Screw, csk.hd, 2BA x $\frac{5}{8}$ " long ... ..				12	—	C	
6297	72Z5069	Pipe, de-icing, $\frac{1}{4}$ " o/d x 22G, union to de-icing inserts				1	—	C	
13043	1SS3259	Plate, mod. record ... ..				1	—	C	
13044	1SS3260	Plate, serial No. ... ..				1	—	C	
<b>PLUNGER, RUDDER LOCKING, GROUP (H2437)</b>									
(See :—Controls, Flying—Locking)									
	1H2098	<b>RIB, A102, GROUP</b> ... ..				1	—	MR	
	1H2099	<b>RIB, A90, GROUP</b> ... ..				1	—	MR	
	1H2100	<b>RIB, A76-6, END PORTION, GROUP</b> ... ..				1	—	MR	

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		1	2	3	4			St. M.R.	
	3H2100	RIB, A76-6, AFT PORTION, GROUP	...			1	—	MR	
	1H2101	RIB, A74-6, GROUP	...	...	...	1	—	MR	
	1H2102	RIB, A66, FORWARD, GROUP	...	...		1	—	MR	
	2H2102	RIB, A66, AFT PORTION, GROUP	...			1	—	MR	
	1H2103	RIB, A54, FORWARD PORTION, GROUP				1	—	MR	
	2H2103	RIB, A54, CENTRE PORTION, GROUP				1	—	MR	
	3H2103	RIB, A54, AFT, PORTION, GROUP	...			1	—	MR	
	1H2104	RIB, A42, FORWARD PORTION, GROUP				1	—	MR	
	2H2104	RIB, A42, CENTRE PORTION, GROUP				1	—	MR	
	3H2104	RIB, A42, AFT PORTION, GROUP	...			1	—	MR	
	1H2015	RIB, A30, FORWARD PORTION, GROUP				1	—	MR	
	2H2105	RIB, A30, CENTRE PORTION, GROUP				1	—	MR	
	3H2105	RIB, A30, AFT PORTION, GROUP	...			1	—	MR	
	1H2106	RIB, A18, FORWARD PORTION, GROUP				1	—	MR	
	3H2434	RIB, A18, AFT PORTION, GROUP	...			1	—	MR	
	1H2107	RIB, A28, GROUP	...	...	...	1	—	MR	
	1H2108	RIB, A6, FORWARD PORTION, GROUP				1	—	MR	
	2H2108	RIB, A6, CENTRE PORTION, GROUP	...			1	—	MR	
	3H2108	RIB, A6, AFT PORTION, GROUP	...			1	—	MR	
	1H2109	RIB, B6, FORWARD PORTION, GROUP				1	—	MR	
	2H2109	RIB, B6, CENTRE PORTION, GROUP...				1	—	MR	
	3H2109	RIB, B6, AFT PORTION, GROUP	...			1	—	MR	
	1H2110	RIB, B18, FORWARD PORTION, GROUP				1	—	MR	
	2H2110	RIB, B18, CENTRE PORTION, GROUP				1	—	MR	
	4H2110	RIB, B18, AFT PORTION, GROUP	...			1	—	MR	
	1H2111	RIB, B16, GROUP	...	...	...	1	—	MR	
	1H2112	RIB, B28-6, GROUP	...	...	...	1	—	MR	
5478	1H2113	RIB, B42, GROUP	...	...	...	1	—	MR,C	

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		1	2	3	4			M.R.	
	4H2434	Shim, laminated for rudder stop, bracket, $\frac{1}{16}$ " thick x 6.85" x 2.75"				QR	—		
		<b>SEAL, RUDDER SHROUD, GROUP (H2479)</b>							
		Spares for :—							
	2H2479	SEAL, BOTTOM, GROUP ... ..				1	—	MR	
	3H2479	SEAL, UPPER CENTRE, GROUP ... ..				1	—	MR	
	4H2479	SEAL, LOWER CENTRE, GROUP ... ..				1	—	MR	
	4H2201	SEAL, TOP, GROUP ... ..				1	—	MR	
530	MESSIER	Union, de-icing pipe to insert ... ..				3	—	C	
28W/12254	7M/4	Washer, thin, $\frac{5}{16}$ " BSF for stop bolt ... ..				3	—	C	
5553	SP13/G	Washer, special, $\frac{5}{8}$ " dia. for datum hinge bracket				1	—	C	
	34H2434								

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		1	2	3	4				St. M.R.	
<b>COMPLEMENTARY ITEMS</b>										
<b>ATTACHMENT FITTINGS, RUDDER TO FIN</b>										
						Consisting of :—				
28D/12224	AS2504/14J					<b>Bolt</b> , hex.hd, $\frac{3}{8}$ " BSF x 2" long, for top and bottom hinges	2	—	C	
28D/12932	AS2504/15J					<b>Bolt</b> , hex.hd, $\frac{3}{8}$ " BSF x 2.2" long, for datum hinge	1	—	C	
28M/749	A16Y/JC					<b>Nut</b> , castellated, $\frac{3}{8}$ " BSF	3	—	C	
28P/5032	AGS784/3					<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long, for top and bottom hinge bolts	2	—	C	
28P/12527	SP9/C10					<b>Pin</b> , split, $\frac{1}{16}$ " dia. x $1\frac{1}{4}$ " dia. for datum hinge bolt	1	—	C	
28W/3074	AGS160/F					<b>Washer</b> , plain, $\frac{3}{8}$ " BSF, for use with top and bottom hinge bolts	2	—	C	
28W/12255	SP13/J					<b>Washer</b> , thin, $\frac{3}{8}$ " BSF, for use with datum hinge bolt	1	—	C	
<b>ATTACHMENT FITTINGS, FIN TO TAILPLANE</b>										
(See Complementary Items—Tailplane Assembly)										
<b>ATTACHMENT FITTINGS, FOR LEVER ASSEMBLY (R3442)</b>										
						Consisting of :—				
28D/12533	A25/5C					<b>Bolt</b> , hex.hd, 2BA x .9" long, for lever connections	3	—	C	
28W/767	A27Y/CS					<b>Nut</b> , slotted, 2BA	3	—	C	
28P/12349	SP9/C5					<b>Pin</b> , split, $\frac{1}{16}$ " dia. x $\frac{5}{8}$ " long	3	—	C	
28W/12245	SP10/C					<b>Washer</b> , thin, 2BA	3	—	C	

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	

TAIL UNIT

RUDDER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
4010	1H2435	<b>RUDDER, ASSEMBLY, PORT</b> ... ..				1	—	A	
4011	2H2455	<b>RUDDER, ASSEMBLY, STARBOARD</b> ... ..				1	—	A	
(Complementary parts, e.g. Inter-component attachments are listed at the end of the FIN ASSEMBLY)									
4970	9H2435	<b>BLOCK, RUDDER, STOP AND LOCK, GROUP</b>				1	—	C	
Spares for:—									
	10H2435	Pad, stop, block ... ..				2	—		
5076	3H2435	Bolt, hex.hd, 2BA x 1½" long, for trimmer hinge				4	S69	C	
28D/8341	AS1248/1C	Bolt, mush.hd, 2BA x .5" long, attachment of cuffs to rudder post				16	—	C	
28D/12513	A25/2C	Bolt, hex.hd, 2BA x .65" long, attachment of bracket to nose rib A18				12	—	C	
28D/12630	A25/19/C	Bolt, hex.hd, 2BA x 2.35" long, attachment of bracket to block on rib A18				4	—	C	
28D/12543	A25/6E	Bolt, hex.hd, ¼" BSF x 1.1" long, attachment of bracket to rudder post				4	—	C	
	12H2435	Bracket, attachment, on nose rib A18... ..				1	L72	MR	
	23H2435	Bracket, attachment, on nose rib A18... ..				1	L72	MR	
	55H2435	<b>BRACKET, RUDDER, DATUM HINGE, GROUP</b>				1	—		
Consisting of:—									
	56H2435	Bush, sealing ... ..				1	S1		
	55cH2435	Bush, sealing ... ..				1	L1, L40		
551	147dH2090	Bush, self aligning ... ..				1	L1, L40	C	
BRITISH TIMKIN LTD.									
	00050	Cone } Bearing, Type T.S. ... ..				1	—		
	00152X								
	55aH2435	Housing ... ..				1	L1, L40	MR	
	2aH2441	Housing, bracket ... ..				1	L1, L40	MR	
	2eH2441	Plate, retaining ... ..				1	S3	MR	
	7SS4199	Screw, csk.hd. 2BA ... ..				2	—		
<b>Attachments, for Bracket, Part No. 55H2435</b>									
28M/13534	A27/EC	Nut, castellated, ¼" BSF ... ..				4	—	C	
28M/12929	A27/CP	Nut, plain, 2BA ... ..				4	—	C	
28P/12462	SP9/C8	Pin, split, ¼" dia. x 1" long ... ..				4	—	C	
2692	10H2094	Stud, ¼" x 1½" long ... ..				4	S96	C	
28W/12253	SP13/E	Washer ... ..				8	—	C	
5542	148H2090	<b>BRACKET, RUDDER HINGE, BOTTOM, GROUP</b>				1	—	A	
Consisting of:—									
	HOFFMAN RLS5	Bearing, roller ... ..				1	—		
	117aH2090	Bracket, housing, bottom ... ..				1	L1, L40		
5546	146bH2090	Bush, sealing ... ..				2	L1, L40	C	
5547	146dH2090	Bush, self, aligning ... ..				1	L1, L40	C	
5548	146cH2090	Housing ... ..				1	L1, L40	C	

**TAIL UNIT  
RUDDER**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St.	
		1 2 3 4				
<b>Attachments, for Bracket, Part No. 148H2090</b>						
28M/13534	A27/EC	Nut, castellated, 1/4" BSF	4	—	C	
28M/12928	A27/EP	Nut	4	—	C	
28P/12462	SP9/C8	Pin, split, 1/16" dia. x 1" long	4	—	C	
4783	26H2114	Stud, 1/4" BSF	4	S96	C	
28W/12253	SP13/E	Washer	4	—	C	
28W/12352	SP10/E	Washer	4	—	C	
5543	146H2090	<b>BRACKET, RUDDER HINGE, TOP, GROUP</b>	1	—	A	
Consisting of:—						
	HOFFMAN RLS5	Bearing, roller	1	—		
5546	146aH2090	Bracket, housing, top	1	L1, L40		
5548	146bH2090	Bush, sealing	2	L1, L40	C	
	146cH2090	Housing	1	L1, L40	C	
<b>Attachments, for Bracket, Part No. 146H2090</b>						
28M/13534	A27/EC	Nut, castellated, 1/4" BSF	8	—	C	
28P/12462	SP9/C8	Pin, split, 1/16" dia. x 1" long	4	—	C	
2692	10H2094	Stud, 7/16" x 1 1/4" long	4	S96	C	
28W/12253	SP13/E	Washer	4	—	C	
28W/3072	AGS160/D	Washer	4	—		
2853	42H2455	<b>BRACKET, HINGE TAB, AT RIB A42, GROUP</b>	1	—	C	
2854	43H2435	<b>BRACKET, HINGE TAB, AT RIB A18, GROUP</b>	1	—	C	
2855	44H2435	<b>BRACKET, HINGE TAB, AT RIB A6, GROUP</b>	1	—	C	
2856	46H2435	<b>BRACKET, HINGE TAB, AT RIB B18, GROUP</b>	1	—	C	
570	CT1	Spares for:— Bush, 3/8" long	1	Oilite	C	
2691	47H2435	Bush, rudder, stop and lock	4	—		
2690	86H2090	Capping, rudder, bottom, rear	1	DTD213	C	
	87H2090	Capping, rudder, bottom, front	1	DTD213	C	
	88H2090	Capping, rudder, top, rear	1	DTD213		
	89H2090	Capping, rudder, top, front	1	DTD213		
<b>CUFF, SEALING, BOTTOM HINGE (3H2204)</b>						
Spares for:—						
1343	1H2206	<b>CUFF, HINGE, GROUP</b>	1	—	C	
	7H2204	Plate, cover, bearing	1	L72	MR	
	8H2204	Plate, cover, bearing	1	L72	MR	
<b>CUFF, SEALING, TOP HINGE (3H2207)</b>						
Spares for:—						
1342	1H2209	<b>CUFF, HINGE, GROUP</b>	1	—	C	
4951	7H2207	Plate, cover, bearing	1	L72	MR/C	
	8H2207	Plate, cover, bearing	1	L72	MR	
566	37H2090	<b>CUFF, HINGE, CENTRE, GROUP</b>	1	—	C	

SHACKLETON Mk. 3

**TAIL UNIT  
RUDDER**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MECHANISM, CONTROL, RUDDER SPRING TAB, PORT AND STARBOARD (1 &amp; 2R3213)</b>							
		Consisting of:—							
5158	23R3213	Bar, torsion, rudder, port	...	...	...	1	DTD273	C	
5159	24R3213	Bar, torsion, rudder, starboard	...	...	...	1	DTD273	C	
5160	28R3213	Bar, torsion, spring tab, port	...	...	...	1	DTD273	C	
5161	29R3213	Bar, torsion, spring tab, starboard	...	...	...	1	DTD273	C	
6833	11R3213	<b>BEARING, TORSION, BAR FOR RUDDER SPRING TAB, GROUP</b>				1	—	MR/B	
		Consisting of:—							
2A/9500418	T13	Bearing, ball	...	...	...	4	—	B	
	9R2709	Housing, bearing	...	...	...	2	—		
28D/11737	AS2504/6E	Bolt, hex.hd, 1/4" BSP x 1" long	...	...	...	2	—	C	
28D/11337	AS2504/6C	Bolt, hex.hd, 2BA x 1" long	...	...	...	2	—	C	
7585	15R3213	<b>CLAMP, RUDDER, TORSION BAR, PORT, GROUP</b>				1	—	MR/C	
7980	16R3213	<b>CLAMP, RUDDER, TORSION BAR, STARBOARD, GROUP</b>				1	—	MR/C	
5120	3R3213	<b>LEVER, RUDDER OPERATING, PORT, GROUP (Pre. Mod. 856)</b>				1	—	MR/C	
	4R3213	<b>LEVER, RUDDER OPERATING, STARBOARD, GROUP (Pre. Mod. 856)</b>				1	—	MR	
7624	45R3213	<b>LEVER, RUDDER OPERATING, PORT, GROUP (Mod. 856)</b>				1	—	B	
7625	46R3213	<b>LEVER, RUDDER OPERATING, STARBOARD, GROUP (Mod. 856)</b>				1	—	B	
		Consisting of:—							
	3aR3213	Lever, 7" x 1 1/4" x 7/8" (Pre. Mod. 856)	...	...	...	1	—	C	
	45aR3213	Lever, 7" x 1 1/4" x 7/8" (Mod. 856)	...	...	...	1	S96		
28M/769	A16Y/GS	Nut, 5/8" BSF	...	...	...	1	—	C	
28P/1007749	SP9/C8	Pin, split, 1/8" dia. x 1" long	...	...	...	1	—	C	
5245	36R3213	Stop, pin, 5/8" dia. x 1-65" long	...	...	...	1	S96	C	
28W/9419455	SP10/G	Washer, thin, 5/8" BSF	...	...	...	1	—	C	
	12R3213	<b>LEVER, TORSION BAR, SPRING TAB, PORT, GROUP</b>				1	—	MR	
5325	13R3213	<b>LEVER, TORSION BAR, SPRING TAB, STARBOARD, GROUP</b>				1	—	MR/C	
		Consisting of:—							
28M/768	12aR3213	Lever, 7" x 1 3/4" x o/b x 3/8"	...	...	...	1	DTD364A		
28P/1007749	A16Y/ES	Nut, slotted, 1/4" BSF	...	...	...	1	—	C	
5244	SP9/C/8	Pin, split	...	...	...	1	—	C	
28W/9418920	36R3213	Stop, pin, 3/8" dia. x 1/2" long	...	...	...	1	S96	C	
	SP10/E	Washer, thin, 1/4" BSF	...	...	...	1	—	C	
4749	39R3213	Lever, link, torsion bar attachment, spring tab				1	L40	C	
3364	7R3213	Lever, link, torsion bar attachment, rudder operating				1	L40	C	
	8R3213	<b>LINK, CONNECTING, GROUP</b>				1	—	MR	

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## TAIL UNIT

## RUDDER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MECHANISM, CONTROL, RUDDER, SPRING TAB, PORT AND STARBOARD (1 &amp; 2R3213) (Cont'd)</b>							
28M/767	A16Y/CS	Nut, slotted, 2BA	...	...	...	6	—	C	
28M/768	A16Y/ES	Nut, slotted, $\frac{1}{4}$ " BSF	...	...	...	3	—	C	
28M/7675	A16Z/ES	Nut, slotted, $\frac{1}{4}$ " BSF	...	...	...	12	—	C	
	31R3213	Packing	...	...	...	2	L72	MR	
	32R3213	Packing	...	...	...	1	L72	MR	
	34R3213	Packing	...	...	...	1	L72	MR	
28P/5032	AGS784/3	Pin, split	...	...	...	12	—	C	
28P/1006943	SP9/C6	Pin, split, $\frac{1}{16}$ " dia. x $\frac{3}{4}$ " long	...	...	...	6	—	C	
28P/1007749	SP9/C8	Pin, split, $\frac{1}{16}$ " dia. x 1" long	...	...	...	3	—	C	
4803	37R3213	Pin, collar	...	...	...	4	S96	C	
2427	14R3213	<b>ROD, CONNECTING, RUDDER, SPRING TAB, GROUP</b> Consisting of:—				1	—	C	
	RANSOME & MARLES	Bearing, rod, end	...	...	...	2	—	B	
28R/13504	CM3/16B	Nut, thin, $\frac{3}{8}$ " BSF	...	...	...	2	—	C	
28M/780	A16Y/JT	Plug, adaptor	...	...	...	2	S1		
28Q/10105	366R2709	Rivet, snap.hd, $\frac{1}{8}$ " dia. x $\frac{1}{16}$ " long	...	...	...	4	—	C	
	AS455/411	Tube, $\frac{5}{8}$ " o/d x 18G x 29" long	...	...	...	1	T4		
	14aR3213	Shim, laminum, $\frac{3}{16}$ "	...	...	...	2	—		
28W/9419454	28R2709	Washer, thin, 2BA	...	...	...	2	—	C	
28W/9418920	SP10/C	Washer, thin, $\frac{1}{4}$ " BSF	...	...	...	15	—	C	
28W/9419402	SP10/E	Washer, thin, 2BA	...	...	...	2	—	C	
4795	SP13/C	Washer, taper	...	...	...	1	S1	C	
	40/R3213	Panel, access, to torsion unit, inboard, port	...	...	...	1	L72	MR	
	15H2435	Panel, access, to torsion unit, inboard, starboard	...	...	...	1	L72	MR	
	16H2435	Panel, access, to torsion unit, outboard, port	...	...	...	1	L72	MR	
	17H2435	Panel, access, to torsion unit, outboard, starboard	...	...	...	1	L72	MR	
	18H2435	<b>PANEL, C/W, ICE SHIELD, GROUP</b> Spares for:—				1	—	MR	
	1H2223	Shield, ice	...	...	...	1	—	MR	
	3H2223	<b>POST, RUDDER, PORT (13H2443)</b> <b>POST, RUDDER, STARBOARD (14H2443)</b> Spares for:—							
7902	63H2199	Bolt, hex.hd, $\frac{1}{4}$ " BSF x 2.5" long	...	...	...	2	S96	MR/C	
4873	64H2199	Bolt, hex.hd, $\frac{1}{4}$ " BSF x 1.05" long	...	...	...	6	S96	MR/C	
	65H2199	Bolt, hex.hd, $\frac{1}{4}$ " BSF x .93" long	...	...	...	4	—	MR	
	24H2114	<b>BRACKET, RUDDER, LIFTING, GROUP</b>				1	—		
	25H2114	<b>BRACKET, RUDDER, LIFTING, GROUP</b>				1	—		
2692	10H2094	Stud, $\frac{7}{16}$ " x $\frac{1}{4}$ " long, attachment of top and datum hinge brackets	...	...	...	8	S96	C	
4783	26H2114	Stud, $\frac{1}{4}$ " BSF, attachment of bottom hinge bracket	...	...	...	4	S96	C	

## TAIL UNIT

## RUDDER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	1H2118	RIB NO. A102, FRONT PORTION, GROUP				1	—	MR	
	2H2118	RIB NO. A102, REAR PORTION, GROUP				1	—	MR	
	1H2119	RIB NO. A90, FRONT PORTION, GROUP				1	—	MR	
	2H2119	RIB NO. A90, REAR PORTION, GROUP				1	—	MR	
	1H2120	RIB NO. A77, FRONT PORTION, GROUP				1	—	MR	
	2H2120	RIB NO. A77, REAR PORTION, GROUP				1	—	MR	
	1H2121	RIB NO. A74-6, GROUP ... ..				1	—	MR	
	1H2123	RIB NO. A66, GROUP ... ..				1	—	MR	
	1H2124	RIB NO. A54, GROUP ... ..				1	—	MR	
	1H2125	RIB NO. A42, GROUP ... ..				1	—	MR	
	1H2126	RIB NO. A30, GROUP ... ..				1	—	MR	
	1H2127	RIB NO. A28, GROUP ... ..				1	—	MR	
	1H2129	RIB NO. A6, GROUP ... ..				1	—	MR	
	1H2131	RIB NO. B16, GROUP ... ..				1	—	MR	
	1H2132	RIB NO. B18/4, FRONT PORTION, GROUP				1	—	MR	
	2H2132	RIB NO. B18/4, REAR PORTION, GROUP				1	—	MR	
	1H2133	RIB NO. B28/6, FRONT PORTION, GROUP				1	—	MR	
	2H2133	RIB NO. B28/6, REAR PORTION, GROUP				1	—	MR	
	1H2134	RIB NO. B42, FRONT PORTION, GROUP				1	—	MR	
	2H2134	RIB NO. B42, REAR PORTION, GROUP				1	—	MR	
	23H2199	RIB NO. A12, GROUP ... ..				1	—	MR	
	20H2040	RIB NO. B6, GROUP ... ..				1	—	MR	
	1H2605	RIB NO. A18, GROUP ... ..				1	—	MR	
	2H2605	RIB NO. A16-25, LESS WEB, GROUP ...				1	—	MR	
		ROD, TRIMMER, CONTROL ASSEMBLY (19R3812) (See Flying Controls—Trimmer)							

TAIL UNIT

RUDDER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. — M.R.	
		<b>SEAL, AIR RUDDER, SPRING TAB, PORT AND STARBOARD (H2202)</b>							
		Spares for :—							
	17H2202	<b>Bolt</b> , hex.hd, x 1" long, attachment of seals				18	S96		MR
	13H2202	<b>SEAL, UPPER, GROUP</b> ... ..				1	—		MR
	14H2202	<b>SEAL, CENTRE, PORT, GROUP</b> ...				1	—		MR
	15H2202	<b>SEAL, CENTRE, STARBOARD, GROUP</b>				1	—		MR
	16H2202	<b>SEAL, BOTTOM, GROUP</b> ... ..				1	—		MR
28W/12296	SP15/C	<b>Washer</b> , 2BA, for seal attachment bolts ...				18	—		C
3356	3H2199	<b>Shield</b> , ice, control rod and spring tab ...				1	L72		C
2359	1H2198	<b>TAB, SPRING, RUDDER, PORT, GROUP</b>				1	—		C
2614	2H2198	<b>TAB, SPRING, RUDDER, STARBOARD, GROUP</b>				1	—		C
		Spares for :—							
4999	16H2227	<b>Bolt</b> , hex.hd, 2BA, for hinge on control rod bracket				7	S94		C
2937	21H1019	<b>Bracket</b> , hinge... ..				2	L40		C
2923	1H2226	<b>BRACKET, CONTROL TAB, GROUP</b>				1	—		C
2358	1H2225	<b>TAB, TRIM, RUDDER, GROUP</b> ... ..				1	—		C
		Spares for :—							
4999	16H2227	<b>Bolt</b> , 2BA, attachment of hinge bracket ...				8	S96		C
4810	21H2115	<b>BRACKET, TRIM TAB, CONTROL, GROUP</b>				1	—		C
2937	21H1019	<b>Bracket</b> , hinge ... ..				2	L40		C
28W/12296	SP15/C	<b>Washer</b> , 2BA, for hinge bracket attachment bolts				4	—		C
		<b>TUBE, MASS BALANCE ATTACHMENT (1H2381)</b>							
		Consisting of :—							
2160	26P1699	<b>Bolt</b> , hex.hd, 2BA, attachment of cover plate				3	—		C
	5H2381	<b>Plate</b> , cover ... ..				1	—		MR
	27G1380	<b>Plug</b> ... ..				3	Harwood		
	7H2381	<b>Screw</b> , set ... ..				4	S1		MR
	2H2381	<b>TUBE, MASS BALANCE, GROUP</b> ...				1	—		
28W/12252	SP13/C	<b>Washer</b> , thin, 2BA, for trimmer hinge attachment bolt				4	—		C
	3H2605	<b>Web</b> , top, for ribs A18 and A16-25 ... ..				1	—		

TAIL UNIT

RUDDER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	21H2090	<b>WEIGHT, MASS BALANCE, BETWEEN RIBS A102 AND A90 GROUP</b>				1	—		
28D/12166	AS1248/4G	Consisting of :— <b>Bolt</b> , mush.hd, $\frac{5}{16}$ " BSF, attachment of mass balance bracket				3	—	C	
28M/13122	21bH2090	<b>Bracket</b> , mass balance ... ..				1	L72		
28P/12462	A27/GS	<b>Nut</b> , slotted, $\frac{5}{16}$ " BSF ... ..				3	—	C	
	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..				3	—	C	
		<b>Washer</b> , $\frac{5}{16}$ " dia. for bracket attachments bolts				3	—	C	
	21aH2090	<b>Weight</b> ... ..				1	—		
	21gH2090	<b>Weight</b> ... ..				1	—		
	22H2090	<b>WEIGHT, MASS BALANCE, BETWEEN RIBS A90 AND A77, GROUP</b>				1	—		
		Consisting of :—							
28D/12311	AS1248/15G	<b>Bolt</b> , mush.hd, $\frac{5}{16}$ " BSF, attachment of bracket				3	—	C	
	22bH2090	<b>Bracket</b> ... ..				1	L72		
28M/13122	A27/GS	<b>Nut</b> , slotted, $\frac{5}{16}$ " BSF ... ..				3	—	C	
28P/12462	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..				3	—	C	
28W/12254	SP13/G	<b>Washer</b> , $\frac{5}{16}$ " BSF for bracket attachment bolts				3	—	C	
	22aH2090	<b>Weight</b> ... ..				1	—		
	22cH2090	<b>Weight</b> ... ..				1	—		
	22fH2090	<b>Weight</b> ... ..				1	—		
	23H2090	<b>WEIGHT, MASS BALANCE, BETWEEN RIBS B18-4 AND B28-6, GROUP</b>				1	—		
		Consisting of :—							
28D/12311	AS1248/15G	<b>Bolt</b> , mush.hd, $\frac{5}{16}$ " BSF, attachment of bracket				3	—	C	
	23bH2090	<b>Bracket</b> ... ..				1	L72		
28M/13122	A27/GS	<b>Nut</b> , slotted, $\frac{5}{16}$ " BSF ... ..				3	—	C	
28P/12462	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..				3	—	C	
28W/12254	SP13/G	<b>Washer</b> , $\frac{5}{16}$ " dia. ... ..				3	—	C	
	23aH2090	<b>Weight</b> ... ..				1	—		
	23gH2090	<b>Weight</b> ... ..				1	—		
	24H2090	<b>WEIGHT, MASS BALANCE, BETWEEN RIBS 28-6 AND B42, GROUP</b>				1	—		
		Consisting of :—							
28D/12312	AS1248/16G	<b>Bolt</b> , mush.hd, $\frac{5}{16}$ " BSF, attachment of bracket				3	—	C	
	24bH2090	<b>Bracket</b> ... ..				1	L72		
28M/13122	A27/GS	<b>Nut</b> , slotted, $\frac{5}{16}$ " BSF ... ..				3	—	C	
28P/12462	SP9/C8	<b>Pin</b> , split, $\frac{1}{16}$ " dia. x 1" long ... ..				3	—	C	
28W/12254	SP13/G	<b>Washer</b> , $\frac{5}{16}$ " BSF ... ..				3	—	C	
	24dH2090	<b>Weight</b> ... ..				1	—		
	24gH2090	<b>Weight</b> ... ..				1	—		

Ref. No.	Part No.					Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4				M.R.	

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**TAIL UNIT  
TAILPLANES**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
8059 8060	250G2831 254G2831	<b>TAILPLANE ASSEMBLY, PORT ...</b>				1	—	A	
		<b>TAILPLANE ASSEMBLY, STARBOARD</b>				1	—	A	
		(Complementary parts, e.g., intercomponent attachments, listed at the end of this assembly will not be supplied with the assembly spare but must be demanded separately when required)							
		Spares for:—							
999	46.O.4200	<b>Adjuster</b> , for control locking rod ...				1	—	C	
	3R3767	<b>BEARING, CONTROL ROD, GROUP ...</b>				1	—	MR	
		Consisting of:—							
	2R3769	<b>Base</b> ...				1	DTD300		
28D/7574	A17/7E	<b>Bolt</b> , hex.hd, $\frac{1}{4}$ " BSF x 1-15" long ...				3	—	C	
28M/10320	AGS2002/E/3	<b>Nut</b> , stiff, $\frac{1}{4}$ " BSF ...				3	—	C	
26DC/1717	111R3577	<b>Pulley</b> ...				3	—	C	
998	45.O.4200	<b>Bolt</b> , hex.hd, $1\frac{3}{8}$ " long, for flying control locking rods				3	S3 or S11	C	
1474	111G2831	<b>Bolt</b> , hex.hd, $\frac{3}{8}$ " BSF x 1" long, attachment of rear spar strap				2	DTD331	C	
13177	51G1220	<b>Bolt</b> , hex.hd, $\frac{1}{4}$ " BSF, for hinge brackets ...				12	S1	C	
6882	5G1722	<b>Bolt</b> , csk.hd, $\frac{3}{8}$ " BSF x 1-71" long, attachment of front spar strap				4	DTD331	MR	
6883	7G1722	<b>Bolt</b> , csk.hd, $\frac{5}{16}$ " BSF x 1-71" long, attachment of front spar strap				8	DTD331	MR	
6898	8G1722	<b>Bolt</b> , csk.hd, $\frac{5}{16}$ " BSF x 1-55" long, attachment of front spar strap				8	DTD331	MR	
6899	18G1722	<b>Bolt</b> , csk.hd, $\frac{5}{16}$ " BSF x 1-71" long, attachment of front spar strap				12	DTD331	MR	
	6G1722	<b>Bolt</b> , csk.hd, $\frac{3}{8}$ " BSF x 1-52" long, attachment of rear spar strap				2	DTD331	MR	
	9G1722	<b>Bolt</b> , csk.hd, $\frac{5}{16}$ " BSF x $1\frac{5}{8}$ " long, attachment of rear spar strap				6	DTD331	MR	
	10G1722	<b>Bolt</b> , csk.hd, $\frac{5}{16}$ " BSF x $1\frac{9}{16}$ " long, attachment of rear spar strap				8	DTD331	MR	
28D/10001	AS1884/1B	<b>Bolt</b> , rd.hd, 4BA x .5" long, attachment of mod. and serial plates				4	—	C	
28D/1007981	AS1248/1C	<b>Bolt</b> , mush.hd, 2BA x .5" long, attachment of cover plates				33	—	C	
4253	1R3334	<b>BRACKET, GUIDE, FOR LOCKING CONTROL ROD, GROUP</b>				4P 3S	—	C	
4254	1R3335	<b>BRACKET, GUIDE, FOR LOCKING CONTROL ROD, GROUP</b>				2P 3S	—	C	
	3R3825	<b>BRACKET, RUDDER TRIMMER PULLEYS, GROUP</b>				1	—	MR	
	6G2986	<b>BRACKET, ELEVATOR HINGE, GROUP</b>				1	—	MR	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>CONTROLS, RUDDER TRIMMER, PORT AND STARBOARD (8 &amp; 9R2912)</b> (See Flying Controls—Trimmer)							
		<b>GEAR, SERVO OPERATING (4G1384)</b> Spares for :—							
13028	2G1384	<b>Bolt</b> , hex.hd, 2BA x 1 $\frac{1}{8}$ " long, attachment of rod to bracket				1	S1	C	
2428	5G1395	<b>ROD, CONNECTING, ELEVATOR SERVO, GROUP</b>				1	—	C	
		Spares for :—							
13210	4G1379	<b>BOLT, BALL RACE, GROUP</b> ...				1	—	C	
		Consisting of :—							
2A/9500462	C.A.O. 4bG1379	<b>Bearing</b> , ball ... ..				1	—	B	
		<b>Plug</b> ... ..				1	L40		
13346	24G1248	<b>PLUG, BALL RACE, GROUP</b> ...				1	—	C	
		Consisting of :—							
2A/9500462	C.A.O. 24aG1248	<b>Bearing</b> , ball ... ..				1	—	B	
		<b>Plug</b> ... ..				1	L40		
5809 13796	1G1796 3G1379	<b>Shield</b> , ice ... ..				1	L17	C	
		<b>Sleeve</b> ... ..				1	S1	C	
13211	3G1384	<b>Spacer</b> , at hinge bracket ... ..				2	S1	C	
	1G2966	<b>COVER, BOX, ELEVATOR HINGE, INBOARD, PORT, GROUP</b>				1	—	MR	
	2G2966	<b>COVER, BOX, ELEVATOR HINGE, INBOARD, STARBOARD, GROUP</b>				1	—	MR	
	1G2967	<b>COVER, BOX, ELEVATOR HINGE, CENTRE, PORT, GROUP</b>				1	—	MR	
	2G2967	<b>COVER, BOX, ELEVATOR HINGE, CENTRE, STARBOARD, GROUP</b>				1	—	MR	
	1G2971	<b>COVER, BOX, ELEVATOR HINGE, OUTBOARD, PORT, GROUP</b>				1	—	MR	
5813	2G2971	<b>COVER, BOX, ELEVATOR HINGE, OUTBOARD, STARBOARD, GROUP</b>				1	—	MR/C	
3352	1G1903	<b>GUARD, RUDDER TRIM CABLES, PORT, GROUP</b>				1	—	C	
3353	2G1903	<b>GUARD, RUDDER TRIM CABLES, STARBOARD, GROUP</b>				1	—	C	
		Consisting of :—							
	4G1903	<b>Bracket</b> ... ..				1	L72		
	3G1170	<b>Lug</b> , attachment ... ..				4	L72		
	3G1903	<b>Plate</b> , baffle, port ... ..				1	L72		
	5G1903	<b>Plate</b> , baffle, starboard ... ..				1	L72		
28Q/6764	AS2227/403	<b>Rivet</b> , snap hd, $\frac{1}{8}$ " dia. x $\frac{3}{16}$ " long ... ..				13	—	C	
28Q/10566	AS2230/303	<b>Rivet</b> , csk.hd, $\frac{3}{16}$ " dia. x $\frac{3}{16}$ " long ... ..				8	—	C	
	2G1232	<b>Tray</b> ... ..				1	L72		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>HINGE, ELEVATOR DATUM (1G2986)</b>									
Consisting of:—									
13178	3G1389					1	S1	C	
13652	2G1389					1	DTD304	C	
4904	2G2986					1	—	B	
Consisting of:—									
2A/9500467	CA3					1	—	B	
28N/12353	AGS2030/45					2	—	C	
	2aG2986					1	S96	C	
28M/1011476	A27/JS					1	—	C	
4905	3G2986					1	—	C	
28P/9429652	SP9/E10					1	—	C	
28P/1007741	SP9/C8					1	—	C	
28W/9419456	SP10/J					1	—	C	
28W/9419458	SP10/N					1	—	C	
5454	4G2986					2	S1	C	
<b>HINGE, ELEVATOR, CENTRE (3G1390)</b>									
<b>HINGE, ELEVATOR, OUTBOARD (3G1391)</b>									
Consisting of:—									
13180	3G1389					1	S1	C	
13654	2G1390					1	DTD304	C	
	2G1391					1	DTD304	C	
13125	5G1286					1	—	C	
Consisting of:—									
2A/9500467	C.A.3					1	—	B	
13749	5aG1286					1	S1 or S6	C	
28M/775	A16Y/NS					1	—	C	
28P/5032	AGS784/3					1	—	C	
28P/5039	AGS784/12					1	—	C	
28W/3077	AGS160/1					1	—	C	
28W/3074	AGS160/F					1	—	C	
5454	4G2986					2	S1	C	
756	3G2867					1	—	C	
757	4G2867					1	—	C	
	6SS3597					1	—	C	
	8SS3597					1	—	C	
	2SS4148					1	—	C	
3366	1R3772					1	—	C	
3367	2R3772					1	—	C	
	1R3448					1	—	C	

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**TAIL UNIT**  
**TAILPLANES**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
1473	112G2831	Nut, special, $\frac{3}{8}$ " BSF	2	S1	C	
2055	48.O.4200	Nut, R/H thread, $\frac{3}{8}$ " BSF, for adjuster	1	B13	C	
2056	49.O.4200	Nut, L/H thread, $\frac{3}{8}$ " BSF, for adjuster	1	B13	C	
28M/746	A16Y/FC	Nut, castellated, $\frac{5}{16}$ " BSF	32	—	C	
28M/777	A16Y/FT	Nut, locking, $\frac{3}{8}$ " BSF	4	—	C	
28M/768	A16Y/ES	Nut, slotted, $\frac{1}{4}$ " BSF	12	—	C	
1472	113G2831	Packing, joint strap	2	—	C	
13049	89G1044	Packing, hinge, $3\frac{1}{2}$ " x 1"	6	—	C	
2408	1R3297	<b>ROD, CONNECTING, RUDDER LEVER, GROUP</b> (See Controls—Flying)	1	—	C	
759	1R3761	<b>ROD, CONTROL, PUSH-PULL, PORT, GROUP</b> (See Controls—Flying)	1	—	MR/C	
760	2R3761	<b>ROD, CONTROL, PUSH-PULL, STARBOARD, GROUP</b> (See Controls—Flying)	1	—	MR/C	
4256	1R3449	<b>ROD, CONTROL, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
4261	1R3450	<b>ROD, CONTROL, STARBOARD, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
4257	2R3445	<b>ROD, CONTROL, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
4240	4R3403	<b>ROD, CONTROL, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
4259	10R3403	<b>ROD, CONTROL, PORT, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
4260	13R3403	<b>ROD, CONTROL, PORT, GROUP</b> (See Controls—Flying, Locking)	1	—	C	
		<b>SKINNING, BOTTOM, PORT AND BOARD (251 &amp; 208G2831)</b> Spares for :—				
28D/10001	AS1884/1B	Bolt, rd.hd, 4BA x .5" long, attachment of mod. and serial plates	4	—	C	
28D/1007982	AS1248/1C	Bolt, mush.hd, 2BA x .5" long, attachment of doors and cover plates	63	—	C	
	94G2831	Door, access, inboard, leading edge...	1	L72		
	255G2831	Door, access, inboard, forward of rear spar	1	L72		
13597	54G1150	<b>DOOR, ACCESS, TO RUDDER CONTROL ROD, GROUP</b>	1	—	C	

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**TAIL UNIT  
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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. H.R.	
<b>SKINNING, BOTTOM, PORT AND STARBOARD (251 &amp; 208G2831) (Cont'd)</b>						
13047	50G1150	DOOR, INSPECTION, FAIRLEADS, GROUP	2	—	C	
	13G1663	DOOR, INSPECTION, DE-ICER CONNECTIONS, GROUP	1	—		
13181	9G1435	DOOR, INSPECTION, HINGE BOLTS, GROUP	2	—	C	
	102G2831	DOOR, INSPECTION, RUDDER CONTROLS AND DE-ICING, GROUP	5	—		
	1G1506	DOOR, INSPECTION, RUDDER CONTROLS AND DE-ICING, GROUP	6	—		
14041	26SS3221	DOOR, INSPECTION, RUDDER CONTROL ROD, GROUP	1	—	C	
	128G2831	DOOR, INSPECTION, RUDDER LOCKING CONTROL, GROUP	1	—		
	117G2831	Plate, cover, elevator torque tube bearing	1	DTD363A		
	92G2831	Plate, cover, rear, starboard...	1	L72		
	119G2831	Plate, cover, rear, port ...	1	L72		
	89G2831	Plate, cover, forward, port ...	1	L72		
	90G2831	Plate, cover, forward, starboard ...	1	L72		
13598	25SS3221	Plate, cover, inspection door between ribs 12-13	1	L72	C	
13043	1SS3259	Plate, modification ...	1	—	C	
13044	1SS3260	Plate, serial ...	1	—	C	
13003	4SS3158	Screw, csk. hd, 2BA x 1/2" long for inspection doors	20	—	C	
<b>SKINNING, TOP, PORT AND STARBOARD (205 &amp; 206G2831) (Pre-Mod. 1050) (269 &amp; 270G2831) (Mod. 1050)</b>						
Spares for:—						
	21SS3221	DOOR, INSPECTION, BETWEEN RIBS 12 AND 13, GROUP (Pre-Mod. 1050)	1	—		
	267G2831	DOOR, INSPECTION, BETWEEN RIBS 12 AND 13, GROUP (Mod. 1050)	1	—		
13048	52G1150	DOOR, INSPECTION, TRIMMER CABLES, GROUP	1	—	C	
	13G1663	DOOR, INSPECTION, DE-ICER, GRP.	1	—		
13598	25SS3221	Plate, cover, inspection door between ribs 12-13 (Pre-Mod. 1050)	1	L72	C	
	268G2831	Plate, cover, inspection door between ribs 12 & 13 (Mod. 1050)	1	L59		
13003	4SS3158	Screw, csk. hd, 2BA x 1/2" long, attachment of doors	8	—	C	

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TAIL UNIT  
TAILPLANES

Ref. No.	Part No.	Description	No. off	Mati. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
5811	1G2962	SLEEVE, SEALING, RUDDER CONTROL ROD, PORT, GROUP	1	—	C	
	2G2962	SLEEVE, SEALING, RUDDER CONTROL ROD, STARBOARD, GROUP	1	—	C	
28D/1010658	A25/1B	Bolt, hex.hd, 4BA x .5" long, attachment of box Consisting of :—	4	—	C	
3275	3G2962	BOX, SEALING, PORT, GROUP ...	1	—	C	
3276	4G2962	BOX, SEALING, STARBOARD, GROUP	1	—	C	
	11G1722	Strap, joint, front spar, top ...	1	S11		
	13G1722	Strap, joint, front spar, bottom, port ...	1	S11		
	14G1722	Strap, joint, front spar, bottom, starboard ...	1	S11		
1469	108G2831	Strap, joint, rear spar, top, port ...	1	S11	C	
1470	109G2831	Strap, joint, rear spar, top, starboard ...	1	S11	C	
1471	110G2831	Strap, joint, rear spar, bottom ...	1	S11	C	
	267bG2831	Strap, joint, inspection door (Mod. 1050) ...	1	S11	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>COMPLEMENTARY ITEMS</b>									
<b>ATTACHMENT FITTINGS, FIN TO TAILPLANE, AT FRONT AND REAR SPAR, PORT AND STARBOARD (H2434)</b>									
556	14H2089	Bolt, fin to tailplane attachment at front spar inboard				2	S11	C	
557	15H2089	Bolt, fin to tailplane attachment at front spar, outboard				2	S11	C	
558	16H2089	Bolt, fin to tailplane attachment at rear spar				4	S11	C	
28M/10292	AGS2001/J1	Nut, stiff, $\frac{3}{8}$ " BSF, for rear spar bolt				4	—	C	
28M/10293	AGS2001/L1	Nut, stiff, $\frac{7}{16}$ " BSF, for front spar bolts				4	—	C	
2670	21H2089	Packing, front spar				3	L72	C	
<b>ATTACHMENT FITTINGS, TAILPLANE TO FUSELAGE</b> (See Complementary Items—"Rear Portion Fuselage")									
1022	1G869	FAIRING, DETACHABLE ON TAILPLANE REAR SPAR, FOR RUDDER CONNECTING ROD, PORT, GROUP				1	—	A	
1023	2G2869	FAIRING, DETACHABLE, ON TAILPLANE REAR SPAR, FOR RUDDER CONNECTING ROD, STARBOARD, GROUP				1	—	A	
<b>ATTACHMENT FITTINGS, ELEVATOR SERVO CONTROL ROD TO SERVO LEVER, PORT &amp; STARBOARD (G1384)</b> Spares for :—									
13208	2G1384	Bolt, hex.hd, 2BA x $1\frac{1}{8}$ " long, attachment of connecting rod to servo lever				1	S1	C	
28M/767	A16Y/CS	Nut, slotted, 2BA				1	—	C	
28P/5032	AGS784/3	Pin, split, $\frac{1}{16}$ " dia. x 1" long				1	—	C	
13052	7G1094	Spacer				2	S1	C	
1197	13R3812	HOUSING, RUDDER TRIMMER GEAR BEARING, PORT, GROUP				1	—	A	
1198	14R3812	HOUSING, RUDDER TRIMMER GEAR BEARING, STARBOARD, GROUP				1	—	A	
Consisting of :—									
2A/9501241	RLS/4	Bearing, ball				2	—	B	
5235	18R3812	Block				1	S1	C	
13014	1SS3261	Bolt, flat hd, 4BA x $\frac{1}{2}$ " long				3	S1	C	
13451	16R2270	Fork, end fitting				1	S1	C	
13369	10R2270	Guard, sprocket				1	L72	C	
	2R3812	Housing, bearing, port				1	DTD304		
	3R3812	Housing, bearing, starboard...				1	DTD304		
13344	8R2269	Pin				1	S1	C	
28P/1289	AGS167/33	Pin, taper, $\frac{5}{32}$ " dia. x 1" long				2	—	C	
13741	2R2269	Sprocket				1	L40	C	
	4R3812	Tube, drive				1	T26		
28W/3097	AGS162/B	Washer, spring				3	—	C	
13370	16R2269	Washer, laminum				1	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	

TAIL UNIT

SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
27S	139	1	28M	10290	3	28W	767	1
27S	144	2	28M	10292	4	28W	3072	12
27S	303	4	28M	10293	4	28W	3074	3
			28M	10320	1	28W	3077	1
			28M	10566	2	28W	12245	2
			28M	12345	1	28W	12252	5
			28M	12353	2	28W	12253	35
28D	7574	3	28M	12928	4	28W	12254	12
28D	8341	112	28M	12929	4	28W	12255	1
28D	10001	8	28M	13121	6	28W	12296	22
28D	11337	2	28M	13122	4	28W	12352	4
28D	11737	2	28M	13123	1	28W	12700	1
28D	12166	3	28M	13133	3	28W	12701	1
28D	12224	2	28M	13534	34			
28D	12311	6						
28D	12312	3						
28D	12513	12						
28D	12519	4						
28D	12528	4						
28D	12533	3						
28D	12534	1	28P	5032	12			
28D	12540	1	28P	5033	1			
28D	12543	4	28P	12349	9			
28D	12630	4	28P	12431	6			
28D	12639	2	28P	12462	45			
28D	12932	1	28P	12463	1			
28D	13122	3	28P	12527	1			
28L	777	4						
28L	780	2	28Q	6764	3			
			28Q	9587	4			
			28Q	10407	10			
			28Q	417224	4			
28M	479	3						
28M	746	32						
28M	767	9						
28M	768	21						
28M	769	1	28R	13504	2			
28M	775	1						
28M	5032	4						
28M	5039	1						
28M	7075	12						



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