

GROUND EQUIPMENT
AIRCRAFT TOOL KIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		AIRCRAFT TOOL KIT (Z8106)							
		Consisting of :—							
27D/3039	Z8661	COVER, FOR ENGINE, INNER AND OUTER, PORT AND STARBOARD, GROUP.				4	—	B	
27D/2750	Z4262	COVER, FOR SPINNER, GROUP ...				4	—	B	
27D/3042	Z8531	COVER, FOR ASTRO BLISTER, GROUP				1	—	B	
27D/3041	Z7380	COVER, FOR NOSE, GROUP				1	—	B	
27D/3040	Z8751	COVER, FOR COCKPIT, GROUP ...				1	—	B	
27D/3043	Z7381	COVER, FOR MAINWHEELS, PORT AND STARBOARD, GROUP				2	—	B	
27D/2962	—	COVER, FOR PITOT HEAD, GROUP...				2	—	B	
27D/3044	Z7382	COVER, FOR CABIN HEATER AIR INTAKE, STARBOARD, GROUP				2	—	B	
27D/2884	Z7023	COVER, FOR FUSELAGE TAIL FAIRING, GROUP				1	—	B	
27D/3045	Z7383	COVER, FOR NOSEWHEEL, GROUP				1	—	B	
	Z9003	COVER, FOR ASTRODOME, GROUP...				1	—	B	
27D/3046	Z8395	COVER, FOR COLD AIR INTAKE, GROUP				2	—	B	
26EA/4262	1U576	Eyebolt, picketing				3	—	C	
407	U1120	LOCK, GROUND, FOR NOSEWHEEL U/C, GROUP				1	—	B	
406	U1121	LOCK, GROUND, FOR MAINWHEEL U/C, GROUP				2	—	B	
4909	1U999	PIN, LOCKING ELEVATOR, GROUP...				1	—	B	
444	9U999	PIN, LOCKING AILERON, GROUP ...				1	—	B	
6A/2679	—	Plug, for static vent				2	—	C	
27D/3046	1Z8395	Plug, for cold air intakes... ..				1	—	C	
27D/3044	1Z7382	Plug, for cabin heater air intakes, starboard...				1	—	C	
27D/2889	3Z6562	Sleeve, gun, for nose turret				2	—	B	
26EA/4306	Z1436	Spanner, for radiator drain plug				1	—	A	
328	1U899	STRUT, JURY, FOR BOMB DOORS, GROUP				4	—	A	
		Spares for :—							
	2U567	Pennant, warning				1	—		
	3U899	Pin, quick release				2	—		

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		1	2	3	4			M.R.	

GROUND EQUIPMENT

FLIGHT TOOL KIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
FLIGHT TOOL KIT (Z8107) Consisting of :-									
27Q/11093	DOWTY ST111/31	Bar, tommy (used with ST2090)	...	...	1	—	A	
	DUNLOP AO.36819	Bolt, assembly	...	...	1	—		
27Q/4103	DOWTY ST2034	Charging, flexible (used with JC10)	...	...	1	—	A	
27VA/3303	DUNLOP ACO.5928	Clamp, for pressure relay, type ACM15698	...	...	1	—	A	
26DC/95162	1Z9140	Die, for crimping	...	...	1	—	A	
26EA/19842	1Z6053	Drill, pop rivet	...	...	1	—	A	
	DUNLOP AM20154	Extractor, bearing	...	...	1	—		
1L/2	BRITTOOL A97	Extension, 6"	...	...	1	—	A	
1L/48	BRITTOOL E97	Extension, 6"	...	...	1	—	A	
26EA/33015	1Z3847	Extractor, for flap link gudgeon pins...	...	...	1	—	A	
	DUNLOP AO100572	Extractor, piston for brake plates	...	...	1	—		
	DUNLOP AO100573	Extractor, piston for brake plates	...	...	1	—		
441	DUNLOP A10075	Extractor, wheel	...	...	1	—	A	
	DUNLOP A10134	Fixture, alignment	...	...	1	—		
	DUNLOP AO101202	Gauge, tenon wear, for inner and outer brake plates	...	...	1	—		
	DUNLOP AO100603	Gauge, pad wear	...	...	1	—		
	DOWTY JC10	Gun, charging, for nose u/c shock absorbers...	...	...	1	—		
1L/10	BRITTOOL A74	Handle, ratchet, for fuselage transport joints and claw spanners	...	...	1	—	A	
27A/3302	DUNLOP AM10709	Mandrel, pressing out for bearing	...	...	1	—	A	
	DUNLOP AM20472	Mandrel, bearing alignment and lock ring gap gauge	...	...	1	—		
322	1Z4906	Peg, for rigging check	...	...	2	—	C	
10AC/688	—	Pin, locking, for scanning unit, type 85	...	...	1	—		
1B/4428	SEGER LTD. SIS	Pliers, circlip, for flap links	...	...	1	—	A	
26EA/3881	1Z1474	Riveter, pop and pump	1	—	A		
	AO.101815	Rod, piston adjusting spanner adapter	1	—			

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FLIGHT TOOL KIT

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		1	2	3	4			M.R.	
1L/45	DUNLOP AO100604	Sleeve, special for bearing, press-in				1	—		
	BRITTOOL EB1200	Socket, bihexagonal, 1 1/8" Whit. for outboard engine				1	—	A	
	BRITTOOL AU445	Socket, bihexagonal, 1/2" BSF for fuselage transport joints				1	—		
	BRITTOOL HB2050	Socket, for wing attachment front spar, in-board				1	—		
	BRITTOOL HB1480	Socket, for wing attachment rear spar, in-board				1	—		
	BRITTOOL HB1300	Socket, for wing attachment front and rear spar, outboard				1	—		
26EA/32641	1Z3245	Spanner, for fuel system				1	—	A	
26EA/32642	2Z3245	Spanner, for fuel system				1	—	A	
26EA/32643	1Z3246	Spanner, for fuel system				1	—	A	
26EA/32644	2Z3246	Spanner, for fuel system				1	—	A	
26EA/32638	1Z3254	Spanner, for fuel system				1	—	A	
26EA/32645	1Z3247	Spanner, for supply pipe				1	—	A	
26EA/32649	1Z3251	Spanner, 3/4", for hydraulic and fuel systems ...				2	—	A	
26EA/3819	1Z1268	Spanner, "C", for flap links				2	—	A	
362	Z6063	Spanner, for tank selector cock (3 & 4 tanks)				1	—	A	
363	Z6130	Spanner, claw, for 1/8" BSF hydraulic connections on wing root panel				1	—	A	
364	Z6131	Spanner, claw, for 1/4" BSF hydraulic connections on wing root panel				1	—	A	
365	Z6132	Spanner, claw, for 3/8" BSF hydraulic connections on wing root panel				1	—	A	
366	Z6133	Spanner, claw, for 5/8" BSF hydraulic connections on wing root panel				1	—	A	
1L/24	—	Spanner, double ended jaw, 1 3/8" x 1/2"				1	—	A	
1L/25	—	Spanner, double ended jaw, 1 5/8" x 1/2"				1	—	A	
1L/26	—	Spanner, double ended jaw, 1 7/8" x 1/2"				1	—	A	
1L/59	—	Spanner, double ended jaw, 1 9/8" x 1/2"				1	—	A	
1C/5030	—	Spanner, double ended jaw, 1 11/8" x 1/2"				1	—	A	
1C/6183	—	Spanner, "C", adjustable, 7/8" x 1 3/8"				1	—	A	
377	Z7341	Spanner, box, for tailplane centre joint ...				1	—	A	
380	Z7266	Spanner, special, for spindle stop in oil filter...				1	—	A	
	DOWTY ST2090	Spanner, key, for nose u/c axle nut				1	—		
	ELECTRO HYDRAULICS 9187	Spanner, special, for axle end nut, main wheel changing				1	—		

**GROUND EQUIPMENT
FLIGHT TOOL KIT**

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		1	2	3	4				
	ELECTRO HYDRAULICS 9172				Spanner, peg, for top attachment nuts, main u/c pivot	1	—		
	DUNLOP AO101112				Spanner, key, for exhaust valve seat	1	—		
	1Z9193				Spanner, for micro switch removal, bomb bay pintle	1	—		
10AB/3769	—				Spanner, type 13, for waveguide coupling ...	2	—	A	
5X/1564	—				Spanner, strap, adjustable for releasing plugs and sockets	1	—	A	
26DC/95161	1Z9139				Tool, hand crimping	1	—	A	
5X/6462	—				Tool, hand crimping, heavy duty	1	—	A	
	DUNLOP AO55862				Tool, assembly, for inner lever, LH	1	—		
	DUNLOP AO59439				Tool, assembly, for inner lever, RH	1	—		
3A/3304	—				Unit, hydraulic crimping press (portable) ...	1	—	A	

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

**GROUND EQUIPMENT
HANDLING AND STORAGE**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.	
		1	2	3	4			M.R.		
418	1U1249	HANDLING AND STORAGE Consisting of :— BAR, LOCKING, FOR MAIN WHEEL CHOCK, GROUP				4	—	A		
	2U1249	Hook, adjusting, LH. thread				1	Mild Steel			
	3U1249	Hook, adjusting, RH. thread				1	Mild Steel			
	6U1146	TURNBUCKLE, GROUP				1	—			
	26DC/95088	1U1148	BAR, LOCKING, FOR NOSE WHEEL CHOCK, GROUP				2	—	A	
		2U1148	Hook, adjusting, LH. thread				1	Mild Steel		
3U1148		Hook, adjusting, RH. thread				1	Mild Steel			
26DC/95087	6U1148	TURNBUCKLE, GROUP				1	—			
	1U1147	CHOCK, FOR NOSE WHEEL, GROUP				2	—	A		
	1U1175	CHOCK, FOR MAIN WHEEL, GROUP				4	—	A		
346	ROLLS ROYCE JD2745	Cradle, lifting radiator, port				1	—	A		
347	ROLLS ROYCE JD2746	Cradle, lifting radiator, starboard				1	—	A		
349	ROLLS ROYCE JD2742	Cradle, transport radiator, port				1	—	A		
350	ROLLS ROYCE JD2743	Cradle, transport radiator, starboard				1	—	A		
450	KELVIN HUGHES BD1589	FRAME, CARRYING SCANNER, TYPE 85, GROUP				1	—	A		
348	1U956	FRAME, SUPPORT FOR BOMB BAY FUEL TANK, GROUP				4	—	A		
432	1U1289	STAND, FOR WING TIP TANK, GROUP Spares for :—				1	—	A		
	3U1289	Axle				1	—			
	5U1289	Beam				2	—			
	8U1289	Bracket, attachment, for casting wheel				2	—			
	7U1289	Wheel, castoring No. 361, RH.				2	—			
	4U1289	Wheel, No. 3, r.h.w.				2	—			
4G/4042	—	Trolley, stowage engine and power plant cowlings				1	—	A		
4G/4230	—	Trolley, bomb bay fuel tank				1	—	A		

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

GROUND EQUIPMENT

JACKING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		JACKING, AIRCRAFT							
		Consisting of:—							
4Q/2616	—	Adapter, head, Mk.45				2	—	B	
4Q/2663	—	Adapter, head, Mk. 104, for nosewheel changing				1	—	B	
4Q/2610	—	Body, jacking, hydraulic, 25 ton				2	—	A	
423	1U1166	BRACKET, JACKING, FOR NOSE-WHEEL CHANGING, GROUP				1	—	A	
424	1U1187	BRACKET, JACKING, FOR MAIN U/C WHEEL CHANGING, GROUP				1	—	A	
4Q/1309	—	Jack, pillar, 8 ton, for nosewheel changing ...				1	—	A	
442	TANGYE 110711	Jack, pillar, 25, ton model 825 (mainwheel changing)				1	—	A	
395	1U1115	JACKING, NOSE EQUIPMENT (COMPLETE AIRCRAFT)				1 Set	—	A	
	1U1177	PAD, JACKING, SALVAGE, OUTER, PORT, GROUP				1	—		
	2U1177	PAD, JACKING, SALVAGE, OUTER, STARBOARD, GROUP				1	—		
	1U1272	PAD, JACKING, TRACJAC, FRONT, GROUP				2	—		
	1U1273	PAD, JACKING, TRACJAC, REAR, GRP.				2	—		
440	U1155	PAD, JACKING, MAINPLANE REAR SPAR, GROUP				2	—	A	
4Q/2612	—	Trestle, Mk. 2, 25 ton				2	—	A	
4Q/2614	—	Wheels, transportation, fixed leg				2	—	A	
4Q/2615	—	Wheels, transportation, trailing leg				2	—	A	

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		1	2	3	4			M.R.	

**GROUND EQUIPMENT
POWER PLANT CHANGING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		POWER PLANT CHANGING							
		Consisting of :—							
4L/2015	—	Block, pulley, 2 ton				1	—	A	
26EA/32084	1U746 ✓	GANTRY, POWER PLANT CHANGING, GROUP				1	—	A	
		Spares for :—							
26EA/17471	10U634	Ball, socket (outboard engine only)				2	—	C	
26EA/17472	11U634	Ball, socket (inboard engine only)				2	—	C	
28D/7341	A15Y/8L	Bolt, hex.hd, 7/8" dia. x 1.45" long (inboard engine only)				4	—	C	
	2U746	Eyebolt, special (inboard)				2	—		
	3U746 ✓	Eyebolt, special (outboard)				1	—		
	6U634 ✓	Hook				1	—		
	7U634	Link, pin, bottom				1	—		
26EA/17468	3U634 ✓	Link				1	—		
26EA/16441	1U646 ✓	Link, top connecting				1	—	C	
	8U634 ✓	Nut, reversible				2	—		
26EA/18359	1U648	Strut, top				1	—	C	
	1U747 ✓	Strut, rear (outboard engine only)				1	—		
	1U749 ✓	Strut, rear				2	—		
	1U750 ✓	Strut, side, rear outer				1	—		
	2U750 ✓	Strut, side, rear inner				1	—		
	1U751 ✓	Strut, side, front inner				1	—		
	2U751 ✓	Strut, side, front outer				1	—		
	1U752	Strut, extension, outer (used only for removal of airscrew)				1	—		
	1U753 ✓	Strut, extension, inner (used only for removal of airscrew)				1	—		
	1U755	Unit, operating				1	—		
319	1U906	MAT, WALKING, OUTBOARD ENGINE NACELLE, GROUP				2	—	A	
318	1U908	MAT, WALKING, INBOARD ENGINE NACELLE, GROUP				2	—	A	
317	1U916	PLATFORM, ERECTING, ENGINE CHANGING GANTRY				1	—	A	
		Spares for :—							
	9U743	Bolt, hook				2	—		
	10U743	Nut				2	—		
	ROLLS ROYCE								
4GC/4170	JD2543	Sling, engine, Griffon 57				1	—	A	
4GC/2350	—	Sling, engine, Griffon (alternative to 4GC/4170)				1	—	A	
4GC/1347	—	Sling, propeller				1	—	B	
4G/1	—	STAND, ENGINE, ERECTING IN LINE, TYPE "A", GROUP				1	—	A	
		Consisting of :—							
4G/4349	—	Adapter, type "B"				1	—	A	

**GROUND EQUIPMENT
POWER PLANT CHANGING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		STAND, ENGINE ERECTING IN LINE, TYPE "A" (Ref. 4G/1) (Cont'd.)							
4G/2421	—	SETS, MODIFICATION				1	—	A	
		Consisting of :—							
4G/2188	—	Bars, angle				2	—	B	
4G/2189	—	Bearers, engine, LH.				1	—	B	
4G/2190	—	Bearers, engine, RH.				1	—	B	
29A/551	—	Bolt, whit.hex.hd, $\frac{5}{8}$ " x $5\frac{1}{2}$ " long				8	—	B	
4G/2352	—	Cleats, angle, LH.				2	—	B	
4G/2353	—	Cleats, angle, RH.				2	—	B	
29A/1234	—	Nut, whit.hex. plain, $\frac{5}{8}$ "				8	—	C	
29C/1824	—	Washer, whit. plain, $\frac{5}{8}$ "				8	—	C	
40B/1014	—	STAND, POWER PLANT, TYPE "D" (MODIFIED)				1	—	A	
		Consisting of :—							
40B/337	—	Adaptor, type 1				2	—	A	
40B/1059	—	Adaptor, type 1A				2	—	A	
40B/475	—	Plate, back, type 1A				Set	—	A	
344	1U969	STRUT, EXTENSION PROPELLER, CHANGING, OUTER, GROUP				1	—	A	
345	1U970	STRUT, EXTENSION PROPELLER, CHANGING, INNER, GROUP				1	—	A	
422	1U1276	STRUT, P.P. CHANGING, GANTRY, GROUP				1	—	A	

GROUND EQUIPMENT

RIGGING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
RIGGING EQUIPMENT									
Consisting of:—									
26EA/4319	1Z1427	Board, straight edge fuselage longitudinal check				1	—	A	
26EA/3848	1Z1275	JIG, INCIDENCE, MAINPLANE, CENTRE PORTION, GROUP				1	—	A	
425	1Z8426	JIG, INCIDENCE, MAINPLANE, INNER RIB No. 3, GROUP				1	—	A	
426	1Z8465	JIG, INCIDENCE, MAINPLANE, INNER RIB No. 16, GROUP				1	—	A	
408	1Z7377	JIG, INCIDENCE, MAINPLANE, OUTER RIB No. 21, GROUP				1	—	A	
427	1Z8494	JIG, INCIDENCE, MAINPLANE, RIB No. 35, GROUP				1	—	A	
26EA/32097	1Z2765	JIG, DIHEDRAL, MAINPLANE, REAR SPAR, GROUP				1	—	A	
320	1Z4899	JIG, INCIDENCE, TAILPLANE, RIB No. 3, GROUP				1	—	A	
321	1Z4900	JIG, INCIDENCE, TAILPLANE, RIB No. 11, GROUP				1	—	A	
325	1Z4911	JIG, SETTING, ELEVATOR, GROUP ...				1	—	A	
326	1Z4903	JIG, FIN CHECK, GROUP				1	—	A	
327	1Z4910	JIG, SETTING, RUDDER TO FIN, GROUP				1	—	A	
323	1Z4902	JIG, TRANSVERSE CHECK, FORMER 37, GROUP				1	—	A	
324	1Z4901	JIG, TRANSVERSE CHECK, FORMER 13, GROUP				1	—	A	
322	1Z4906	Pegs, rigging check				2	—	A	

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		1	2	3	4				St. — M.R.	

**GROUND EQUIPMENT
TESTING AND SERVICING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		TESTING AND SERVICING							
		Consisting of :—							
4G/4131	—	Adaptor, inflation	...	...	...	1	—	B	
4G/4339	—	ADAPTOR, FOR METHANOL WATER SYSTEM, GROUND TESTING, GROUP				1	—	A	
		Consisting of :—							
4G/4340	—	Adaptor	...	...	...	1	—	A	
4G/4341	—	Washer, sealing	...	...	...	1	—	A	
434	1U1291	ADAPTOR, FOR AIR CONDITIONING, FRONT AND REAR AIR INTAKES, STARBOARD, GROUP				1	—	A	
		Spares for :—							
	8U1291	Cord, attachment	...	...	...	2	—		
438	1U1258	ARM, SUPPORTING, GROUP				1	—	A	
		Consisting of :—							
	7U1258	Chain, 3" long	...	...	...	1	—		
	10U1258	Eye-bolt, 1.125" dia. x 2" long	...	...	...	1	L39 or L40		
	3U1258	Eye-end, 1.125" dia. x 3.9" long	...	...	...	1	L39 or L40		
	9U1258	Fork-end, special	...	...	...	1	L39 or L40		
	5U1258	Lug, 20G x .4" x .8" long	...	...	...	1	L72		
	AS2435/14	Pin, drop nose	...	...	...	1	—		
	6U1258	Ring, split	...	...	...	1	M.S. wire		
28Q/417278	AGS2050/630/BS	Rivet, pop.	...	...	...	11	—	C	
	2U1258	Tube, 1.0" o/d x 24" long	...	...	...	1	DTD464		
1A/4225	—	Balance, spring, tubular, 0-30 lb.	...	...	...	1	—	B	
4G/4169	—	Cleaners, vacuum, aircraft, heavy duty, Mk. 1A	...	...	...	1	—	A	
4G/4519	—	Cleaners, vacuum, aircraft, heavy duty, Mk. 1B	...	...	...	1	—	A	
448	1U1328	COVER, FOR PROTECTING DITCHING DOOR, SEAL, GROUP				1	—	A	
452	1U1333	COVER, FOR OPTICAL PLOTTING TABLE, GROUP				1	—	A	
446	1Z9199	FLAG, WARNING, I.L.S. AERIAL, GROUP				1	—	A	
4G/4213	—	Gauge, tyre, pressure, 24-176 lb. per sq. in.	...	...	...	1	—	A	
26EA/4274	1U575	LADDER, MAINTENANCE, GROUP				2	—	A	
		Spares for :—							
	1U601	Board, face	...	...	...	1	—		
	2U575	Bolt	...	...	...	2	—		
	1U581	Cable, bracing	...	...	...	1	—		
26EA/4276	1U578	Ladder, lower portion	...	...	...	1	—	C	
26EA/4277	1U579	Ladder, top portion	...	...	...	1	—	C	
26EA/4278	1U582	Pin, quick release	...	...	...	2	—	C	
28P/832	SP4Y/B6	Pin, solid, 3/8" dia.	...	...	...	2	—	C	

**GROUND EQUIPMENT
TESTING AND SERVICING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
LADDER, MAINTENANCE, GROUP (1U575) (Cont'd)									
⁴³ 26EA/4279	1U580	Platform	...	...	...	2	—	C	
26EA/19659	1U592	Plate, base, front	...	...	...	1	—	C	
26EA/19660	2U592	Plate, base, rear	...	...	...	1	—	C	
449	1U1332	Ladder, access, rear entrance door	...	...	...	1	—	A	
4G/4243	—	Ladder, servicing, extending, Mk. 2	...	...	...	1	—	A	
4G/4342	—	Mats, mainplane, type "C"	...	...	...	2	—	A	
439	1U1259	MONORAIL, C/W TROLLEY, GROUP				1	—	A	
		Spares for :—							
	9U1259	PIN, LOCKING, GROUP				1	—		
	8U1259	SCREW, THUMB, GROUP				1	—		
	3U1259	TROLLEY, GROUP				1	—		
445	1U1331	Pad, protection, nosepiece, nose undercarriage bay				1	—	C	
33C/1115	—	Papers, engine coolant test outfit (EO.64) (Containing 2 corked glass tubes, holding 50 papers each)				1	—	C	Box
405	1U1101	PIPE, OIL DRAINAGE, GROUP				1	—	C	
		Consisting of :—							
28E/8185	AGS/605/3	Clip, type "J", Mk. 3	...	...	...	1	—	C	
	AS2580	Connection, tank drainage	...	...	...	1	—		
	2U1101	Hose, flylite No. 4, 2 bore, 15' long	...	...	...	1	—		
	3U1101	Label	...	...	...	1	L16		
4G/2604	—	Platform, inspection, type "N"	...	...	...	1	—	A	
4G/2596	—	Platform, inspection, type "M"	...	...	...	4	—	A	
4G/4269	—	Primers, oil	...	...	...	QR	—	A	
4G/257	—	Pump, oleo, type "A"	...	...	...	1	—	A	
4G/3821	—	Rig, test engine coolant	...	...	...	1	—	A	
328	1U899	STRUT, JURY BOMB DOOR, GROUP				4	—	A	
		Spares for :—							
	2U567	Pennant, warning	...	...	...	1	—		
	3U899	Pin, quick release	...	...	...	2	—		
4A/1757	—	Tank, large, washing, aircraft components	...	...	...	1	—	A	
4F/1718	—	Trolley, accumulator, electric starter, Mk. 5	...	...	...	1	—	A	
4F/1693	—	Trolley, compressor, air, type "L", Mk. 2	...	...	...	1	—	A	
4F/1913	—	Trolley, electrical, servicing and testing, Mk. 1A	...	...	...	1	—	A	
4F/1796	—	Trolley, servicing, hydraulic, Mk. 2A	...	...	...	1	—	A	
4F/1715	—	Trolley, servicing, instrument and automatic pilot testing, Mk. 1A	...	...	...	1	—	A	

**GROUND EQUIPMENT
TESTING AND SERVICING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		STRUT, JURY BOMB DOOR, GROUP (10899) (Cont'd)							
4F/1805	—	Trolley, servicing, pneumatic low pressure, Mk. 1B ...				1	—	A	
4G/4200	—	Trolley, engine coolant replenishment...				1	—	A	
4G/4221	—	Trolley, h.p., air charging, Mk. 2 ...				1	—	A	
4G/4422	—	Trolley, water methanol ...				1	—	A	
4G/4423	—	Trolley, de-icing fluid replenishment ...				1	—	A	
4G/4220	—	Trolley, oxygen charging, Mk. 2 ...				1	—	A	
4G/4272	—	Trolley, nitrogen charging ...				1	—	A	
27U/488	—	Trolley, ground test, type "A" ...				1	—	A	

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

GROUND EQUIPMENT
TOWING AND STEERING

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		TOWING AND STEERING				
		Consisting of :—				
392	1U1112	ADAPTOR, TOWING, NOSEWHEEL, GROUP	1	—	A	
		Consisting of :—				
	1U1252	ARM, SWIVEL, LH., GROUP ...	1	—		
	2U1252	ARM, SWIVEL, RH., GROUP ...	1	—		
	1U1253	BAR, AXLE, GROUP ...	1	—		
28D/13683	A25/28G	Bolt, hex.hd, $\frac{1}{2}$ " x 2-8", plain	8	—	C	
28D/14007	A25/31N	Bolt, hex.hd, $\frac{1}{2}$ " BSF x 3-1", plain	2	—	C	
	5U1112	Chain, 8" long	2	V15		
	2U1112	Frame	1	—		
	3U1112	Label, "Shackleton Mk. 3 Adaptor, Nose-wheel, Towing"	1	L16		
	4SS1585	Lug, $\frac{3}{4}$ " dia.	2	B16		
28M/13375	A27/GP	Nut, hex.hd, $\frac{1}{2}$ " BSF...	6	—	C	
28M/13259	A27/NS	Nut, hex.hd, $\frac{1}{2}$ " BSF.	2	—	C	
28P/12463	SP9/E10	Pin, split, $\frac{3}{8}$ " dia. x $1\frac{1}{2}$ " long...	2	—	C	
	6U1112	Pin, quick release, $\frac{3}{8}$ " dia.	2	—		
	4U1112	Ring, split, 1" dia.	4	—		
	3U940	Sleeve, 2-875" o/d x 2-38" l/d x 8" long	2	S1		
26DC/95001	1U1013	ARM, NOSEWHEEL STEERING, GROUP	1	—	A	
		Spares for :—				
	3U1013	Attachment, swivel, port	1	—		
	4U1013	Attachment, swivel, starboard	1	—		
	5U1013	BAR, FORWARD, GROUP	1	—		
	7U1013	Chain, 8" long	4	V9		
	AS2438/36	Pin, quick release, forward, port and starboard	2	—		
	AS2438/38	Pin, quick release, rear, port and starboard	2	—		
	19U572	Pin, quick release, LH., R,H., forward wheel	2	—		
	8U1013	Ring, split, $\frac{3}{4}$ " dia.	8	—		
	2U1013	Structure, frame	1	—		
	1U544	WHEEL, REAR, GROUP	1	—		
		Spares for :—				
	12U544	Body	1	—		
	5U544	Ball, $\frac{5}{16}$ " dia.	36	Steel		
	6U544	Ball, $\frac{1}{2}$ " dia.	20	Steel		
	8U544	Bolt, special, $\frac{1}{2}$ " dia. BSF x $1\frac{1}{2}$ " long	1	Mild Steel		
	9U544	Bolt, special, $\frac{1}{2}$ " dia. BSF x $3\frac{1}{2}$ " long	1	Mild Steel		
	4U544	Nut, bearing, 2" dia. x $\frac{5}{8}$ " long	1	Mild Steel		
	11U544	Nut, $\frac{1}{2}$ " dia. BSF.	2	Mild Steel		
	7U544	Pin, $\frac{3}{8}$ " dia. x $\frac{1}{2}$ " long	1	S1		
	13U544	Plate, top	1	Mild Steel		
	10U544	Washer, spring, $\frac{1}{2}$ " dia. x $\frac{7}{8}$ "	2	—		
	3U544	Wheel, 5 $\frac{1}{8}$ " dia.	1	Mild Steel		
	16U572	Wheel, front	2	—		

**GROUND EQUIPMENT
TOWING AND STEERING**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
333	1U939	ARM, TOWING, FOR NOSEWHEEL, GROUP	1	—	A	
	1U941	Spares for :— ABSORBER, SHOCK, GROUP	1	—		
		Spares for :—				
		43U941	Arm, release mechanism	1		DTD124A
		23U941	Arm, lever	1		DTD124A
		47U941	Bar, link	1		—
		6U941	Block, bearer, 4 $\frac{7}{8}$ " x 2 $\frac{1}{2}$ " x $\frac{1}{4}$ "	2		L45
		7U941	Block, bearer, 4 $\frac{7}{8}$ " x 2 $\frac{1}{2}$ " x $\frac{3}{8}$ "	3		L45
		8U941	Block, bearer, 4 $\frac{7}{8}$ " x 2 $\frac{1}{2}$ " x 3" long	1		Comm. Steel
		9U941	Bolt, hex.hd, made from A15Y/3J	24		HT.S
		20U941	Bolt, hex.hd, made from A25/15Q	1		HT.S
		33U941	Bolt, hex.hd, made from A25/38J	3		HT.S
		39U941	Bolt, hex.hd, made from A25/39N	1		—
		49U941	Buffer, 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x $\frac{1}{2}$ " thick	2		Rubber
		45U941	Cable, release, 20 cwt.	1		SW2
		21U941	Claw, male	1		S82
		22U941	Claw, female	1		S82
		46U941	Cover, mechanism	1		Comm. Qty.
		14U941	Eye, towing	1		BSS82
		42U941	Link, toggle	1		—
		26U941	Link, 2 $\frac{1}{2}$ " x $\frac{7}{8}$ " x $\frac{3}{8}$ "	4		DTD124A
		32U941	Piece, distance, 2.82" long	1		Comm. Qty.
		38U941	Piece, distance, .64" long	1		Comm. Qty.
		17U941	Pin, towing eye, 4 $\frac{3}{8}$ " x $\frac{3}{4}$ " dia.	1		Mild Steel
		16U941	Plug, release box	1		Mild Steel
		28U941	Ring, 5 $\frac{3}{8}$ " x 3 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " long	1		—
		12U941	Rubber, compression	130		Rubber
		29U941	Screw, locating, 1" x $\frac{3}{8}$ " dia.	2		Mild Steel
		15U941	Spring	2		Spring Steel
		40U941	Tube, distance, 4" x 1 $\frac{1}{4}$ "	1		BSS32
		66U939	Axle, wheel, retractable, 5 $\frac{3}{8}$ " long	1		—
		47U939	Bar, pivot	1		—
		36U939	Bolt, hex.hd, $\frac{3}{8}$ " BSF	16		—
	67U939	Bush, axle, 2 $\frac{5}{8}$ " long	2	Brass		
4G/3619	31U939	Cover, wheel, 10" x 3"	2	—		
	64U939	Fork, wheel, LH.	1	—		
	65U939	Fork, wheel, RH.	1	—		
	76U939	Padlock and key (Yale No. 681)	1	—		
27FP/12	A419	Pin, quick release	1	—		
	49U939	Pointer	1	—		
	46U939	Rod, connecting, $\frac{1}{2}$ " x 11 $\frac{1}{2}$ " long	1	—		
	42U939	Screw, adjusting	1	L4		
16T/755 4GB/3621	32U939	Tube, inner wheel, 10" x 3"	2	Rubber		
	33U939	Wheel	2	—		
	75U939	Wheel, 5" dia. x 1" wide	1	—		

**GROUND EQUIPMENT
TOWING AND STEERING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
393	1U1113	BRIDLE, TOWING, "V" TYPE, MAIN UNDERCARRIAGE, GROUP				1	—	A	
		Spares for :—							
	20U1114	Arm	...	...	...	4	S96		
	21U1114	Bolt, special, 3/4" BSF	...	...	...	4	—		
	2U1113	CABLE, GROUP				1	—		
	12U1113	Chain, 8' long	...	...	...	5	V15		
	2U1113	COUPLING, FRONT, GROUP				1	—		
	AS2445/30	Pin, quick release, drop nose, 3/4"-dia.	...	...	...	4	—		
	13U1113	Pin, quick release	...	...	...	1	—		
	3U1113	Pulley, 12" dia. x 1" thick	...	...	...	1	Mild Steel		
	17U1113	Roller, 1.9" dia.	...	...	...	2	Mild Steel		
14U1113	Screw, p.k., type "U", No. 4 x 1/4" long	...	...	...	12	—			
7U1113	Wheel (Flexello D.F.T. 10)	...	...	...	2	—			
394	1U1114	CABLE, TOWING, SINGLE, MAIN UNDERCARRIAGE, GROUP				1	—	A	
		Spares for :—							
	20U1114	Arm	...	...	...	2	S96		
	21U1114	Bolt, special, 3/4" BSF	...	...	...	2	—		
	3U1114	CABLE, TOWING, 22' 0" LONG, GROUP				1	—		
	7U1114	Chain, 8' long	...	...	...	2	V15		
	17U1114	Pin, quick release, drop nose type	...	...	...	2	—		
	5U1114	Screw, p.k., No. 4, type "U", 1/4" long	...	...	...	4	—		
2U1114	Shackle, towing	...	...	...	1	S96			

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

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
TRESTLING AND SLINGING						
Consisting of:—						
303	1U890	BEAM, FOR TAIL POSITION AT FORMER 41, USED WITH U.J.T. No. 15 AND SCANNER RETRACTION TEST USED WITH U.J.T. No. 17, GROUP	1	—	A	
304	1U891	BEAM, FOR REAR PORTION FUSELAGE POSITION AT FORMER 33, USED WITH U.J.T. No. 11, GROUP	1	—	A	
332	1U896	BEAM, FOR REAR CENTRE PORTION FUSELAGE POSITION AT FORMER 29, USED WITH U.J.T. No. 12, GROUP	1	—	A	
26EA/32109	1U765	BEAM, AT WING RIB 16, PORT, USED WITH HEAVY GANTRY, GROUP	1	—	A	
26EA/32110	2U765	BEAM, AT WING RIB 16, STARBOARD, USED WITH HEAVY GANTRY, GROUP	1	—	A	
26EA/32091	1U739	BEAM, AT WING RIB 3, PORT, USED WITH HEAVY GANTRY, GROUP	1	—	A	
26EA/32108	2U739	BEAM, AT WING RIB 3, STARBOARD, USED WITH HEAVY GANTRY, GROUP	1	—	A	
400	1U1118	BEAM, AT WING RIB 21, PORT, USED WITH HEAVY GANTRY, GROUP	1	—	A	
401	2U1118	BEAM, AT WING RIB 21, STARBOARD, USED WITH HEAVY GANTRY, GROUP	1	—	A	
402	1U1119	BEAM, AT WING RIB 36, PORT, USED WITH HEAVY GANTRY, GROUP	1	—	A	
403	2U1119	BEAM, AT WING RIB 36, STARBOARD, USED WITH HEAVY GANTRY, GROUP	1	—	A	
330	1U921	BEAM, FOR TRESTLING AND SLINGING TAILPLAINE, GROUP	2	—	A	
4Q/2310	—	Beam, type "A", for heavy type lifting gantry	3	—	A	
4Q/2311	—	Beam, type "B", for heavy type lifting gantry	2	—	A	
305	5U883	Eyebolt, for rear portion and tail slings ...	1	—	C	
4Q/1245	—	Gantry, heavy type, c/w beam, type "A" (4Q2310)	Set 3	—	A	
420	1U1172	GRAB, FOR AMMO BOX, GROUP	1	—	A	
Consisting of:—						
	2U1172	BLOCK, PULLEY, GROUP	2	—		
28D/12566	A25/6C	Bolt, hex.hd, 2 BA, 1.05" long	2	—	C	
	7U1172	Chain, 6" long	1	—		

**GROUND EQUIPMENT
TRESTLING AND SLINGING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		GRAB, FOR AMMO BOX (1U1172) (Cont'd)							
28M/10288	3U1172	Grab, 1/8" thick ...	...	...	...	2	Mild Steel		
	1U1005	Label ...	...	...	...	1	Brass		
	AGS2001/C1	Nut, stiff, 2 BA ...	...	...	...	2	—	C	
	6U1172	Pin, quick release (No. A407)	...	...	...	1	—		
	8U1172	Ring, split, 1/2" i/d	...	...	...	1	—		
	5U1172	Tube, spacing, 3/8" o/d x 17 swg x 5" long	...	...	...	1	T35		
	4U1172	Wheel, pulley, 2" dia...	...	...	...	1	Mild Steel		
419	1U1171	HOIST, FOR AMMO BOX AND HISPANO, GROUP				1	—	A	
		Consisting of :—							
	2U1171	BEAM, HOISTING, GROUP ...				1	—		
28D/12674	10U1171	Binding ...	...	...	...	QR	—		
	A25/9E	Bolt, 1/4" BSF x 9" plain length for pulley wheel	...	...	...	1	—	C	
28M/10290	7U1171	Chain, 6" long ...	...	...	...	2	—		
	1U1005	Label ...	...	...	...	1	Brass		
	AGS/2001/E1	Nut, stiff, 1/4" BSF ...	...	...	...	1	—	C	
	5U1171	Pin, quick release (No. A413)	...	...	...	2	—		
	8U1171	Plug, wooden ...	...	...	...	2	—		
28Y/3008	6U1171	Ring, split, 1/2" i/d	...	...	...	4	—		
	9U1171	Pipe, manila, 1" circular, 3 strand	...	...	...	1	—		
	AGS/136E	Thimble, 0.27" dia. ...	...	...	...	1	Brass	C	
	4U1171	Tube, distance, 3/8" o/d x 75" long	...	...	...	1	—		
3U1171	Wheel, pulley, 1/2" thick	...	...	...	1	Mild Steel			
421	1U1173	HOOK, SLING FOR HISPANO GUN, GROUP				1	—	A	
		Consisting of :—							
28S/3370	5U1173	Chain, 6" long ...	...	...	...	1	V16		
	2U1173	Hook ...	...	...	...	1	Mild Steel		
	1U1005	Label ...	...	...	...	1	Brass		
	7U1173	Pin, quick release (No. A408)	...	...	...	1	—		
	6U1173	Ring, split, 1/2" i/d	...	...	...	1	—		
	A31/B8	Screw, cheese hd, 4 BA x 1/4" long	...	...	...	1	—	C	
	3U1173	Sling, 1" circular, 3 strand	...	...	...	1	—		
	4U1173	Spring, 20 swg.	...	...	...	1	Spring Steel		
	5U1172	Tube, spacing, 3/8" o/d x 5" long	...	...	...	1	T35		
	4U1172	Wheel, pulley ...	...	...	...	1	Mild Steel		
385	U1109	SLING, FOR CENTRE PORTION, GROUP				1	—	A	
		Consisting of :—							
28D/7352 28D/14008 28D/12674	10U1109	Beam ...	...	...	...	1	—		
	4U1109	Bobbin, 2 3/8" x 1" long	...	...	...	2	Mild Steel		
	A25/9N	Bolt, hex. hd, 1/2" BSF x 9" plain length	...	...	...	8	—	C	
	A25/6S	Bolt, 3/4" BSF x 6" plain length	...	...	...	4	—	C	
	A25/9E	Bolt, 1/2" BSF x 9" plain length	...	...	...	8	—	C	
9U882	Bolt, shoulder, for C/Portion sling	...	...	...	4	—			

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
SLING, FOR CENTRE PORTION (U1109) (Cont'd)									
	6U882	Bolt, shoulder, for lifting head	...	...	2	—		
	2U1109	Cable, front, 160 cwt.	...	...	1	W2		
	8U1109	Cable, rear, 120 cwt.	...	...	1	W2		
	9U1109	Head, lifting	...	...	1	Mild Steel		
	1U1005	Label	...	...	1	Brass		
	12U882	Link	...	...	4	—	C	
28M/12928	A27/EP	Nut, 1/4" BSF	...	...	8	—	C	
28M/13590	A27/SS	Nut, slotted, 3/8" BSF	...	...	2	—	C	
28M/13259	A27/NS	Nut, slotted, 1/2" BSF	...	...	12	—	C	
28P/12463	SP9/E10	Pin, split, 1 1/4" dia.	...	...	12	—	C	
28P/12721	SP9/H16	Pin, split, 2" dia.	...	...	2	—	C	
	7U882	Plate, attachment, forward	...	...	1	—		
	8U882	Plate, attachment, rear	...	...	1	—		
	11U1109	Ring, split, 3/4" o/d	...	...	1	—		
	11U552	Washer	...	...	2	—		
	11U882	Washer, 25/32" i/dia.	...	...	4	DTD1092		
28W/12253	SP13/E	Washer, 1/2" BSF	...	...	8	—	C	
28W/12257	SP13/N	Washer, 1/2" BSF	...	...	4	—	C	
386	1U1105	SLING, FOR NOSE C/W GUNS AND MOUNTINGS, GROUP				1	—	A	
Consisting of:—									
	2U1105	Bar, spreader	...	...	1	—		
	12U1105	Bolt, swivel fork	...	...	4	—		
28D/13912	A25/27Q	Bolt, hex.hd, 3/8" BSF	...	...	2	—	C	
	3U1105	Cable, front, 60 cwt.	...	...	2	BSS.SW2		
	4U1105	Cable, rear, 60 cwt.	...	...	2	BSS.SW2		
	9U1105	Cable, top, 100 cwt.	...	...	2	BSS.SW2		
	10U1105	Head, lifting	...	...	1	Mild Steel		
	1U1005	Label	...	...	1	Brass		
	4U867	Link	...	...	8	Mild Steel		
	13U876	Link	...	...	4	Mild Steel		
28M/13145	A27/QS	Nut, slotted, 3/8" BSF	...	...	2	—	C	
28P/937	SP4Y/H15	Pin, shackle	...	...	8	—	C	
28P/1001	SP4Y/M15	Pin, 1/2" dia. x 0.95" long	...	...	4	—	C	
28P/12351	SP9/E8	Pin, split, 3/8" dia. x 1" long	...	...	8	—	C	
28P/12464	SP9/G10	Pin, split, 1/2" dia. x 1 1/4" long	...	...	4	—	C	
28P/12465	SP9/G12	Pin, split, 1/8" dia. x 1 1/2" long	...	...	2	—	C	
	13U1105	Pin, quick release, from cable to bar spreader	...	...	4	—		
	8U1105	Ring, split, 1" i/d	...	...	5	—		
387	1U1106	SLING, FRONT CENTRE PORTION OR REAR CENTRE PORTION WITH TURRET, GROUP				1	—	A	
Consisting of:—									
	2U1106	Bar, spreader	...	...	1	—		
	1U897	Bolt, special attachment	...	...	4	—		
	8U866	Bolt, made from A1/38W	...	...	2	—		
	18U866	Bracket, attachment	...	...	4	—		

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		SLING, FRONT CENTRE PORTION OR REAR CENTRE PORTION WITH TURRET (1U1106) (Cont'd)							
	3U1106	Cable, front, 80 cwt. ...	...	...	...	2	BSS.SW2		
	4U1106	Cable, rear, 80 cwt. ...	...	...	...	2	BSS.SW2		
	4U866	Cable, top ...	...	...	...	2	BSS.SW2		
	2U866	Head, lifting ...	...	...	...	1	Mild Steel		
	1U1005	Label ...	...	...	...	1	Brass		
	7U866	Link, $\frac{1}{2}$ " thick x 4" x 1.75" ...	...	...	...	12	—		
28M/13276	A27/WVS	Nut, slotted, 1" BSF ...	...	...	...	2	—	C	
28P/14016	SP4Y/R21	Pin, shackle, $\frac{5}{8}$ " dia. ...	...	...	...	4	—	C	
28P/6943	SP4Y/A17	Pin, shackle, $\frac{5}{8}$ " dia. ...	...	...	...	12	—	C	
28P/5051	AGS784/29	Pin, split, $\frac{5}{32}$ " dia. x 1.5" long ...	...	...	...	16	—	C	
28P/5058	AGS784/39	Pin, split, $\frac{5}{32}$ " dia. x 2.5" long ...	...	...	...	2	—	C	
	7U1106	Ring, split, 1" dia. ...	...	...	...	1	—		
388	1U1107	SLING, FOR REAR CENTRE PORTION, LESS TURRET, GROUP				1	—	A	
		Consisting of:—							
	2U1106	BAR, SPREADER, GROUP ...				1	—		
	1U897	Bolt, special attachment ...	...	...	...	4	—		
	8U866	Bolt, (made from A1/38W) ...	...	...	...	2	—		
	18U866	Bracket, attachment ...	...	...	...	4	—		
	2U1107	Cable, front, 100 cwt. ...	...	...	...	2	BSS.SW2		
	3U1107	Cable, rear, 100 cwt. ...	...	...	...	2	BSS.SW2		
	4U866	Cable, top ...	...	...	...	2	—		
	2U866	Head, lifting ...	...	...	...	1	Mild Steel		
	1U1005	Label ...	...	...	...	1	Brass		
	7U866	Link, $\frac{1}{2}$ " thick x 4" x 1.75" ...	...	...	...	12	—	C	
28M/13276	A27/WVS	Nut, slotted, 1" BSF ...	...	...	...	2	—	C	
28P/14016	SP4Y/R21	Pin, shackle, $\frac{5}{8}$ " dia. ...	...	...	...	4	—	C	
28P/6943	SP4Y/R17	Pin, shackle, $\frac{5}{8}$ " dia. ...	...	...	...	12	—	C	
28P/5051	AGS784/29	Pin, split, $\frac{5}{32}$ " dia. x 1.5" long ...	...	...	...	16	—	C	
28P/5058	AGS784/39	Pin, split, $\frac{5}{32}$ " dia. x 2.5" long ...	...	...	...	2	—	C	
	5U1107	Ring, split, 1" dia. ...	...	...	...	1	—		
389	1U1108	SLING, FOR REAR PORTION FUSELAGE, GROUP				1	—	A	
		Consisting of:—							
28D/13912	A25/27Q	Bolt, hex.hd, $\frac{5}{8}$ " BSF ...	...	...	...	2	—	C	
	3U1108	Cable, front, 60 cwt. ...	...	...	...	1	BSS.SW2		
	4U1108	Cable, rear, 40 cwt. ...	...	...	...	1	BSS.SW2		
	2U1108	Head, lifting ...	...	...	...	1	Mild Steel		
	1U1005	Label ...	...	...	...	1	Brass		
	7U866	Link, $\frac{1}{2}$ " x 1.75" x 4" ...	...	...	...	4	—		
28M/13145	A27/QS	Nut, slotted, $\frac{5}{8}$ " BSF ...	...	...	...	2	—	C	
28P/14017	SP4Y/R19	Pin, shackle, $\frac{5}{8}$ " dia. ...	...	...	...	2	—	C	
28P/5051	AGS784/29	Pin, split, $\frac{5}{32}$ " dia. x 1.5" long ...	...	...	...	2	—	C	
28P/12465	SP9/G12	Pin, split ...	...	...	...	2	—	C	
	10U883	Pin, quick release ...	...	...	...	2	—		
	5U1108	Ring, split, 1" i/d ...	...	...	...	3	—		

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
390	1U1110	SLING, FOR INNER PORTION MAIN PLANE, GROUP				1	—	A	
	1U1243	Consisting of :— BEAM, LIFTING OUTER WING, GROUP				1	—		
28P/5966	4U1243	Spares for :— CABLE, LIFTING, GROUP				1	—		
	SP4Y/P21	Pin, shackle, $\frac{9}{16}$ " dia.				2	—	C	
	9U1243	Pin, quick release, $\frac{9}{16}$ " dia.				2	—		
	10U1243	Ring, split, $\frac{3}{4}$ " dia.				4	Spring Steel		
26EA/4272	1U1244	SLING, LIFTING, INBOARD, GROUP				1	—		
	2U1244	SLING, LIFTING, OUTBOARD, GROUP				1	—		
	3U1244	Spares for :— BAR, SPREADER, INBOARD, GROUP				1	—		
	4U1244	BAR, SPREADER, OUTBOARD, GROUP				1	—		
	5U1244	Cable, inboard, 100 cwt.				1	BSS.SW2		
	7U1244	Cable, inboard, 100 cwt.				1	BSS.SW2		
	6U1244	Cable, outboard				1	BSS.SW2		
	8U1244	Cable, outboard				1	BSS.SW2		
	4F4033	Eye-bolt				2	—	C	
	10U1246	Link				4	—		
28R/5410	11U1244	Pin, quick release (No. A609)				2	—		
	AGS890/A	Ring, lifting, 5,000 lb.				1	—	B	
	12U1244	Ring, split, $\frac{3}{4}$ " dia.				4	Spring Steel		
28D/14763	1U1245	SLING, BAR SPREADER, INNER PORTION, GROUP				1	—		
	A25/275	Consisting of :— Bolt, hex.hd, $\frac{3}{4}$ " BSF, x 2-7" plain ...				2	—	C	
	2U1245	Cable, front, 180 cwt.				1	BSS.SW2		
	3U1245	Cable, rear, 180 cwt.				1	BSS.SW2		
	1U1248	Head, lifting				1	Mild Steel		
	1U1005	Label				1	Brass		
	A27/SS	Nut, slotted, $\frac{3}{4}$ " BSF				2	Mild Steel	C	
28M/13590 28P/12721	SP9/H16	Pin, split, $\frac{9}{32}$ " dia. x 2" long				2	—	C	
	6U1245	Ring, split				1	—		
391	1U1111	SLING, FOR OUTER PORTION MAIN-PLANE, GROUP				1	—	A	
	1U1243	Consisting of :— BEAM, LIFTING, OUTER WING, GROUP				1	—		
28P/5966	4U1243	Spares for :— CABLE, LIFTING, GROUP				1	—		
	SP4Y/P21	Pin, shackle, $\frac{9}{16}$ " dia.				2	—	C	
	9U1243	Pin, quick release, $\frac{9}{16}$ " dia.				2	—		
	10U1243	Ring, split, $\frac{3}{4}$ " dia.				4	Spring Steel		
	1U1246	SLING, LIFTING, INBOARD, GROUP				1	—		
	2U1246	SLING, LIFTING, OUTBOARD, GRP.				1	—		
	3U1246	Spares for :— BAR, SPREADER, INBOARD GRP.,				1	—		
4U1246	BAR, SPREADER, OUTBOARD, GROUP				1	—			

**GROUND EQUIPMENT
TRESTLING AND SLINGING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		SLING, LIFTING, INBOARD AND OUTBOARD (1 & 2U1246)							
26EA/4272	5U1246	Cable, inboard, 45 cwt.				1	BSS.SW2		
	7U1246	Cable, inboard, 45 cwt.				1	BSS.SW2		
	6U1246	Cable, outboard, 45 cwt.				1	BSS.SW2		
	8U1246	Cable, outboard, 45 cwt.				1	BSS.SW2		
	4F4033	Eyebolt				2	—		
28R/5210	10U1246	Link				4	—		
	11U1246	Pin, quick release (No. A609)				2	—		
	AGS/890A	Ring, lifting, 5,000 lb.				1	—	B	
	12U1246	Ring, split, $\frac{3}{4}$ " dia.				4	Spring steel		
	1U1247	SLING, BAR SPREADER, GROUP ...				1	—		
		Consisting of :—							
28M/13145 28P/12465	A25/27Q	Bolt, hex.hd, $\frac{5}{8}$ " BSF x 2.7" plain				2	—		
	2U1247	Cable, front, 40 cwt.				1	BSS.SW2		
	3U1247	Cable, rear, 45 cwt.				1	BSS.SW2		
	2U1248	Head, lifting				1	Mild Steel		
	1U1005	Label				1	Brass		
	A27/QS	Nut, slotted, $\frac{5}{8}$ " BSF				2	—	C	
	SP9/G12	Pin, split, $\frac{1}{8}$ " dia.				2	—	C	
	6U1247	Ring, split				1	—		
315	1U907	SLING, FOR FIN OR RUDDER, GROUP				1	—	A	
		Consisting of :—							
28D/80	5A1/N18	Bolt, $\frac{1}{2}$ " BSF x 1.8" plain				1	—	C	
28D/77	5A1/J18	Bolt, $\frac{1}{2}$ " BSF x 1.8" plain				2	—	C	
28D/7609	6A1/J7	Bolt, $\frac{3}{8}$ " BSF x .7" plain				2	—	C	
28M/772 28M/775 28P/5039 28P/5032	3U907	Cable, 35 cwt.				2	BSS.SW2		
	2U907	Eyebolt				2	—		
	326SS6000	Label, " Sling for Fin or Rudder "				1	L4		
	5U907	Link, attachment				2	—		
	A16Y/JS	Nut, slotted, $\frac{3}{8}$ " BSF				4	—	C	
	A16Y/NS	Nut, slotted, $\frac{1}{2}$ " BSF				2	—	C	
	AGS784/12	Pin, split, $\frac{3}{32}$ " dia. x 1.25" long				1	—	C	
	AGS784/3	Pin, split, $\frac{1}{16}$ " dia. x 1" long				4	—	C	
	SS962/C	Pin, quick release, $\frac{3}{8}$ " dia.				2	—		
	2bU819	Plate, side				2	—		
28Q/6/10563	6U907	Ring, split, $\frac{1}{2}$ " dia.				2	Brass		
	AS2229/407	Rivet, $\frac{1}{8}$ " dia. x $\frac{7}{16}$ " dia.				4	—	C	
	3U819	Tube, distance, 1 $\frac{1}{2}$ " long x .625" dia.				1	T45		
	4U819	Tube, distance, 1.5" long x .5" dia.				2	T45		
	5U819	Tube, distance, .59" long x .75" dia.				4	T45		
	8U819	Tube, distance, .563" long x .5" dia.				2	T45		
	9U819	Tube, distance, .07" long x .75" dia.				4	S1		

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
316	1U918	SLING, FOR TAILPLANE, LESS BEAM, GROUP	1	—	A	
		Consisting of:—				
	2U918	Cable, front, 20 cwt. ...	1	BSS.SW2		
	3U918	Cable, rear, 20 cwt. ...	1	BSS.SW2		
	5U918	Label ...	1	Brass		
	4U8681	Link ...	4	—		
28P/934	SP/4/Y/H12	Pin, shackle ...	2	—	C	
28P/5038	AGS784/11	Pin, split, 3/8" x 1" long ...	2	—	C	
	B/SS962	Pin, quick release, 3/8" dia. ...	2	—		
	7U918	Ring, split, 1/2" dia. ...	2	Brass		
28A/5410	AGS890/A	Ring, lifting, 5,000 lb. ...	2	—	B	
28Y/3006	AGS136/C	Thimble, 0.21" dia. ...	4	—	C	
	4U918	Wire, binding ...	QR	Copper		
	6U918	Wire, retaining, 3 cwt. x 6" long ...	1	BSS.SW2		
428	1U1288	SLING, FOR WING TIP TANK, GROUP	1	—	A	
		Consisting of:—				
	2U1288	BAR, SPREADER, GROUP ...	1	—		
28D/12635	A25/24E	Bolt, 1/4" BSF x 2.4" plain length ...	2	—	C	
	5U1288	Chain, 6" long ...	2	V16		
	1U1290	Label ...	1	—		
28M/13266	A24/ES	Nut, slotted, 1/4" BSF ...	2	—	C	
28P/12462	SP/9/C8	Pin, split, 1/8" dia. x 1" long ...	2	—	C	
	4U1288	Pin, quick release (No.A.425) ...	2	—		
	6U1288	Ring, split, 1" dia. ...	5	—		
	3U1288	Strap ...	2	—		
375	1U1091	SLING, FOR SCANNER, TYPE 85, GRP. (For Workshop use only)	1	—	A	
		Consisting of:—				
	2U1091	BAR, SPREADER, GROUP ...	1	—		
28D/12543	A25/6E	Bolt, hex.hd, 1/4" BSF x .6" plain ...	2	—	C	
	3U1091	Cable, 10 cwt. ...	2	W2		
	6U1091	Hook, .625" x 1" x 3.37" ...	1	—		
	1U1005	Label ...	1	Brass		
28M/12930	A27/ES	Nut, slotted, 1/4" BSF ...	2	—	C	
28P/12462	SP9/C8	Pin, split, 1/8" dia. x 1" long ...	2	—	C	
	5U1091	Ring, split, 1" i/d ...	1	Comm. steel		
28S/2760	AGS247/12	Screw, 2 BA x 3/8" long ...	1	—	C	
	7U1091	Spring ...	1	Spring steel		
28Y/3005	AGS136/B	Thimble ...	2	—	C	
28W/3098	AGS162/C	Washer, spring, 0.20" dia. ...	1	—	C	
	4U1091	Wire, binding ...	QR	Copper		
447	1U1326	SLING, FOR BLUE SILK, TR UNIT, GRP.	1	—	A	
		Consisting of:—				
	2U1326	BAR, SPREADER, GROUP ...	1	—		
28D/12543	A25/6E	Bolt, hex.hd, 1/4" BSF x .6" pl. length ...	4	—	C	
	3U1326	Cable, 10 cwt. ...	2	W2		
	5U1326	Cable, 10 cwt. ...	2	W2		

GROUND EQUIPMENT
TRESTLING AND SLINGING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		SLING, FOR BLUE SILK, TR UNIT, (fU1326) (Cont'd)							
	6U1091	Hook, 625" x 1" x 3-37"	...	...	...	4	—		
	1U1290	Label	...	...	...	1	Brass		
28M/12930	A27/ES	Nut, slotted, 1/4" BSF	...	...	...	4	—	C	
28P/12462	SP9/CB	Pin, split, 1/8" dia. x 1" long	...	...	...	4	—	C	
28S/2760	AGS247/12	Screw, 2 BA x 3/8" long	...	...	...	4	—	C	
	7U1091	Spring	...	...	...	4	Spring Steel		
28Y/3005	AGS136/B	Thimble	...	...	...	8	—	C	
28W/12253	SP/13E	Washer, 1/4" BSF	...	...	...	4	—	C	
28W/3098	AGS162/C	Washer, spring	...	...	...	4	—	C	
	4U1326	Wire, binding	...	...	...	QR	—		
451	KELVIN HUGHES BD1670	SLING, FOR SCANNER, TYPE 65, GRP. (Used with items :—4G/5425, 4G/5430, 4G/5442, 4G/5428, 4G/5433—1 off each)				1	—	A	
4G/	—	TRESTLE, JACKING, UNIVERSAL, NO. 17, C/W "A" TYPE BRACKETS, GROUP				1	—		
4G/	—	TRESTLE, JACKING, UNIVERSAL, NO. 12, C/W "A" TYPE BRACKETS, GROUP				1	—		
4G/	—	TRESTLE, JACKING, UNIVERSAL, NO. 13, C/W "A" TYPE BRACKETS, GROUP				1	—		
4GB/3983	—	TRESTLE, MAINPLANE STEADY, GRP.				2	—	B	
4Q/2309	—	Upright, type "A"				4	—	A	
		MINILIFT EQUIPMENT Spares for :—							
4GC/5433	25/41	Balls, end	...	...	...	1	—	C	
4GC/5430	39/2	Handle, winding, 6"	...	...	...	1	—	B	
4GC/5425	—	Hoist, "Minilift universal 250 lb."	...	...	...	1	—	A	
4GC/5428	30/13	Sheath, top	...	...	...	1	—	B	
4GC/5442	29/14	Tube, extension, 12"	...	...	...	1	—	B	
		For 85 Scanner—use items 4G/5425, 4G/5430, 4G/5442, 4G/5428, 4G/5433—1 off each.							

GROUND EQUIPMENT
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.	
1A	4225	1	4G	457	11	4L		1
			4G	1245	3			
			4G	1347	1			
			4G	2188	2			
			4G	2189	1			
			4G	2190	1	4Q	1245	3
1B	4428	1	4G	2310	3	4Q	1309	1
			4G	2311	2	4Q	2309	4
			4G	2350	1	4Q	2310	2
			4G	2352	2	4Q	2311	2
			4G	2353	8	4Q	2610	2
			4G	2421	1	4Q	2614	2
1C	5030	1	4G	2596	QR	4Q	2615	2
1C	6183	1	4G	2604	1	4Q	2616	4
			4G	3619	2	4Q	2663	1
			4G	3621	2			
			4G	3821	1			
			4G	4042	1			
			4G	4131	1			
1L	2	2	4G	4169	1	5X	1564	1
1L	10	1	4G	4170	1	5X	6462	1
1L	24	1	4G	4200	1			
1L	25	1	4G	4213	1			
1L	26	1	4G	4220	1			
1L	45	1	4G	4221	1			
1L	48	2	4G	4230	1	6A	2679	1
1L	59	1	4G	4243	1			
			4G	4269	1			
			4G	4272	1			
			4G	4339	1	10AB	3769	2
			4G	4340	1			
			4G	4342	2			
3A	3304	1	4G	4349	1	10AC	688	1
			4G	4422	1			
			4G	4423	1			
			4G	4519	1			
			4G	5430	1	16T	757	2
4A	1715	1	4G	5433	1			
4A	1757	1						
			4GB	3983	2	27A	3302	1
4F	1693	1						
4F	1718	1	4GC	5425	1	27D	2889	2
4F	1796	1	4GC	5428	1	27D	3044	1
4F	1805	1	4GC	5442	1	27D	3046	1

**GROUND EQUIPMENT
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.	
27Q	4103	2	28M	772	4	28R	5210	2
27Q	11093	2	28M	775	2	28R	5410	1
27Q	14007	2	28M	10288	2			
			28M	10290	1			
			28M	12928	8			
			28M	12930	6	28S	2760	5
			28M	13145	5	28S	3370	1
			28M	13266	2			
27U	488	1	28M	13276	14			
			28M	13259	14			
			28M	13375	6	28W	3098	5
			28M	13590	4	28W	12252	8
						28W	12253	4
						28W	12257	4
27VA	3303	2						
						28Y	3005	10
						28Y	3006	4
						28Y	3008	1
28A	5410	2	28P	832	2			
			28P	934	2			
			28P	937	8			
			28P	1001	4			
			28P	5032	4	29A	551	8
			28P	5039	1	29A	1234	8
			28P	5051	34	29A	1824	8
			28P	5058	6			
28D	80	1	28P	5966	4			
28D	7341	4	28P	12721	2			
28D	7352	8	28P	14016	8			
28D	7609	2	28P	14017	2	33C	1115	1
28D	12543	6	28P	12721				
28D	12566	2						
28D	12635	2						
28D	12674	8				40B	337	2
28D	13683	8				40B	475	2
28D	13912	4				40B	1014	1
28D	14007	2				40B	1059	2
28D	14008	4	28Q	10563	4			
28D	14763	2	28Q	417278	11			

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