

ENGINE CONTROLS IN FRONT FUSELAGE

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of Equip. M.R. L.M.	Fig. and Index
	—	CONTROLS, ENGINE IN FRONT FUSELAGE ASSEMBLY (E.F.2.47.3)	—	—	—	
		Spares for:—				
1484109	E.F.2.47.1507	BEARING, flanged, assembly	1	—	C	3/1
		Spares for:—				
	E.F.2.47.1511	BUSH	1	Oilite	—	3/2
27K/534	TELEFLEX B.731	BLOCK, clamping	2	—	C	1/1
27K/	TELEFLEX C.24107/A	BLOCK, swivel mounting (Make from 27K/567)	2	—	LM	1/2
27K/1626	TELEFLEX B.45198	BODY, adaptor	4	—	C	1/3
		Attachments:—				
28D/1010142	A25/9B	Bolt, 4 BA, hex. head	3	—	C	1/4
28D/9435711	A25/10B	Bolt, 4 BA, hex. head	2	—	C	1/5
28D/9140639	A25/11B	Bolt, 4 BA, hex. head	1	—	C	1/6
27FZ/20778	EEAS.20/2ER	Tab, locking	2	—	C	1/7
27K/	TELEFLEX B.79466/2	BODY, conduit connector	2	—	—	1/8
12459	E.F.2.47.1025	BOLT, special, control rod fork end connecting	2	S80	C	1/9
	E.F.2.47.269	BOX, forward lever, assembly	1	—	—	1/10
		Spares for:—				
10120	EEAS.95/33E	BOLT, 1/4" BSF, close tolerance, lever pivot	1	S97	C	1/11
10121	E.F.2.47.271	LEVER, assembly	1	—	B	1/12
		Spares for:—				
36HH/11674	ROLLS ROYCE D.47142	BALL-JOINT	1	—	C	1/13
10122	E.F.2.47.273	LEVER, assembly	1	—	B	1/14
		Spares for:—				
36HH/11674	ROLLS ROYCE D.47142	BALL-JOINT	1	—	C	1/15
10123	E.F.2.47.281	PIN, crank	1	S95	C	1/16
		Attachments:—				
28M/1007403	A27/ET	Nut, 1/4" BSF, thin	1	—	C	1/17
26FZ/3569	EEAS/63E	NUT, slotted, 1/4" BSF, lever pivot bolt securing	1	S96	C	1/18
10124	E.F.2.47.275	PIN, crank	1	S95	C	1/19
		Attachments:—				
28M/1007403	A27/ET	Nut, 1/4" BSF, thin	1	—	C	1/20
28P/9486478	SP90/C5	PIN, split, lever pivot bolt nut locking	1	—	C	1/21
10125	E.F.2.47.785	WASHER, special	1	L65	C	1/22
	HOBSON CHA.373-151/1	BOX, main throttle, Type 373 Mk. 1 (Pre-Mod. 4105)	1	—	A	1/23
		Spares for:—				
11715	HOBSON CH.373-089	SPRING, hold-in	2	DTD900	C	1/24
5CW/8573	B.T.H. LHE.11/A6	SWITCH, micro (Hobson CH.102665)	2	—	B	1/25
		Attachments:—				
28M/9403517	A47/Z	Nut, 8 BA, plain	4	—	C	1/26
28S/1011507	A33/Z24	Screw, 8 BA, c'sk head	4	—	C	1/27
28W/107779	AGS.2035/AA	Washer, 8 BA, shakeproof	4	—	C	1/28
28W/1200072	SP26/Z	Washer, 8 BA, thin	4	—	C	1/29

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		1	2	3	4	5	6				
28D/9133012	A25/3C	Attachments:—						2	—	C	1/30
28D/1200119	A25/4C	Bolt, 2 BA, hex. head						1	—	C	1/31
28D/7002428	A25/6C	Bolt, 2 BA, hex. head						2	—	C	1/32
28W/9419475	SP15/C	Washer, 2 BA, plain						2	—	C	1/33
264	HOBSON CHA.373-151/2	BOX, main throttle, type 373 Mk. 2 (Mod. 4105)						1	—	—	1/34
		Spares for this assembly are identical with those for assembly Pt. No. HOBSON Type 373, Mk. 1 on Page D1.									
28D/9133012	A25/3C	Attachments:—						2	—	C	1/30
28D/1200119	A25/4C	Bolt, 2 BA, hex. head						1	—	C	1/31
28D/7002428	A25/6C	Bolt, 2 BA, hex. head						2	—	C	1/32
28W/9419475	SP15/C	Washer, 2 BA, plain						2	—	C	1/33
35060	E.F2.47.1075	BRACKET, guide						1	L44	C	1/35
35059	E.F2.47.1077	BRACKET, guide						1	L44	C	1/36
28D/1008149	A25/2B	Attachments:—						2	—	C	1/37
28D/9436920	A25/1C	Bolt, 2 BA, hex. head						1	—	C	1/38
	E.F2.47.1105	BRACKET, forward lever box securing, 18 SWG						1	L73	—	1/39
28D/1010658	A25/1B	Attachments:—						2	—	C	1/40
28D/9436920	A25/1C	Bolt, 2 BA, hex. head						2	—	C	1/41
	TELEFLEX DS.380	CABLE, type 380 (Make from 27K/1236)						QR	—	LM	1/42
	E.F2.47.1345	CONDUIT, Teleflex, throttle control No. 2 engine						1	—	—	1/43
	E.F2.47.1347	between pressure bulkhead and conduit connector body, forward of frame 16									
	E.F2.47.1347	CONDUIT, Teleflex, throttle control No. 1 engine						1	—	—	1/44
	E.F2.47.843	between pressure bulkhead and conduit connector body, forward of frame 16									
21104	E.F2.47.843	CONDUIT, Teleflex, throttle control No. 2 engine						1	—	LM	1/45
	E.F2.47.845	between conduit connector body, forward of frame 16 and clamp block aft of frame 22									
21105	E.F2.47.845	CONDUIT, Teleflex, throttle control No. 1 engine						1	—	LM	1/46
	E.F2.47.777	between conduit connector body, forward of frame 16 and clamp block aft of frame 22									
10126	E.F2.47.777	COVER, forward lever box, assembly						1	—	C	1/47
28D/15571	A25/1-1/2C	Attachments:—						1	—	C	1/48
28D/9133011	A25/2C	Bolt, 2 BA, hex. head						2	—	C	1/49
10127	E.F2.47.665	Washer, special						2	L72	C	1/50
	TELEFLEX C.36256	END, sliding (for spares see AP.4515G, Vol. 3, part 1) ...						2	—	—	2/1
	TELEFLEX C.36258	END, sliding (for spares see AP.4515G, Vol. 3, part 1) ...						2	—	—	3/3

A.P.101B-1002/2A-3A		CONTROLS					Page D3			
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Ref. No.	Part No.	Description					No. off	Matl. Spec.	Cl. of Equip. M.R. L.M.	Fig. and Index
		1	2	3	4	5				
	—	EXTENSION, greaser, Teleflex swivel ends, assembly					—	—	—	3A/1
		(E.B2.47.947) (Mod. 2366)								
		Spares for:—								
21106	E.B2.47.939	ADAPTOR, greaser, upper					2	S114	C	3A/2
		Attachments:—								
28D/1214091	AS.1242/2C	Bolt, 2 BA, c'sk head					4	—	C	3A/3
28M/1278190	AGS.2001/C/1	Nut, stiff, 2 BA					4	—	C	3A/4
28W/9419475	SP15/C	Washer, 2 BA, plain					4	—	C	3A/5
21107	E.B2.47.941	ADAPTOR, greaser, lower					2	S114	C	3A/6
26FZ/3413	EEAS91/4	CLIP, pipe, double					2	—	C	3A/7
		Attachments:—								
28D/1010658	A25/1B	Bolt, 4 BA, hex. head					2	—	C	3A/8
28M/1278189	AGS.2001/B/1	Nut, stiff, 4 BA					2	—	C	3A/9
28N/9156370	SP21	NIPPLE, lubricating					2	—	C	3A/10
	E.B2.47.967	PACKING					2	L72	LM	3A/11
21108	E.B2.47.943	PIPE, assembly					1	L56	C	3A/12
21109	E.B2.47.945	PIPE, assembly					1	L54	C	3A/13
4129	E.B2.47.83	EYE-END, c/w bearing, Teleflex, sliding end connection					1	L65	C	2/2
		to No. 1 engine control rod at frame 24								
		(Pre-Mod. 4691)								
6102711	E.F3.47.1277	EYE-END, assembly (Mod. 4691)					1	—	C	
		Comprising:—								
28N/13510	HOFFMANN C.J.0	BEARING, spherical					1	—	C	
	E.F3.47.1275	EYE-END, special					1	—	—	
4131	E.B2.47.375	FORK-END, link to throttle servo connection at					2	S95	C	2/3
		frame 12, and No. 2 engine control rod								
		connection at frame 24								
4132	E.B2.47.583	FORK-END, Nos. 1 and 2 engine control connections					2	—	C	3/4
		to clutch unit lever								
		Attachments:—								
	E.F2.47.1027	Bolt, special					2	BAC.M37	—	3/5
10128	E.F2.47.853	FAIRLEAD, assembly					1	LFS21	C	2/4
		Attachments:—								
28D/1011022	A25/18C	Bolt, 2 BA, hex. head					1	—	C	2/5
28W/9419475	SP15/C	Washer, 2 BA, plain					1	—	C	2/6
10129	E.F2.47.919	FAIRLEAD, assembly					1	LFS21	C	2/7
		Attachments:—								
28D/9435710	A25/11C	Bolt, 2 BA, hex. head					1	—	C	2/8
28W/9419475	SP15/C	Washer, 2 BA, plain					1	—	C	2/9
4942	E.B2.47.613	LINK, between throttle lever and fork end on throttle					1	—	C	2/10
		servo unit lever at frame 12								
3485	E.B2.47.443	NUT, special slotted, control rod fork end connecting					3	BAC.M37	C	3/6
		bolt								
1441476	E.F3.47.1205	NUT, special slotted, crank pin					1	S95	C	2/11
	E.F2.47.995	PACKING, taper, Teleflex greaser connection, aft					1	L72	—	1/51
		(Mod. 366)								
	E.F2.47.997	PACKING, taper, Teleflex greaser connection, forward					1	L72	—	1/52
	E.B2.47.981	PACKING, conduit connector					1	L72	LM	1/53
	E.F2.47.1111	SHIM, laminated strip, servo throttle alignment,					1	LA3	—	2/12
		frame 11								
27K/1976	TELEFLEX D.114091	SWIVEL, greaser, assembly					2	—	C	1/54
		Attachments:—								
28D/9435710	A25/11C	Bolt, 2 BA, hex. head					6	—	C	1/55
28M/1278190	AGS.2001/C61	Nut, stiff, 2 BA					6	—	C	1/56
26FZ/981	EEAS.20/2DR	Tab, lacking					2	L72	C	1/57

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6T/610	ELLIOTT BROS.	THROTTLE, servo	1	—	A	2/13
10130	E.F.2.47.293	TUBE, control, assembly	2	—	B	2/14
		Spares for:—				
10131	E.F.2.47.309	FORK-END, special	1	S95	C	2/15
4131	E.B.2.47.375	FORK-END	1	S95	C	2/16
28M/1007403	A27/ET	NUT, 1/4" BSF, thin, fork end locking	1	—	C	2/17
28M/13454	A27/ETL	NUT, 1/4" BSF (L.H. thread), fork end locking	1	—	C	2/18
10132	E.F.2.47.295	TUBE, control, assembly	2	—	B	2/19
		Spares for:—				
36HH/11674	ROLLS ROYCE D.47142	BALL-JOINT	2	—	C	2/20
36VV/3821	ROLLS ROYCE BA.36618	HOUSING, control joint	1	—	C	2/21
		Attachments:—				
28M/5808573	A27/CS	Nut, 2 BA, slotted	4	—	C	2/22
28P/1202558	SP90/A7	Pin, split	4	—	C	2/23
26FZ/1062	EEAS.27/30ER	Washer	1	L72	C	2/24
20799	E.F.2.47.1491	UNIT, throttle, servo, group (Pre-Mod. 2378)	1	—	A	3/7
		Consisting of:—				
	E.F.2.47.119	BLOCK, spacing	1	LFS21	—	3/8
	EEAS.223/18C	BOLT, 2 BA, hex. head	4	HTS	—	3/9
	E.F.2.47.111	BRACKET, assembly	1	—	—	3/10
		Spares for:—				
	E.B.2.47.547	BEARING	1	L65	—	3/11
6216	E.B.2.47.695	BEARING, and selector, assembly	1	—	B	3/12
		Consisting of:—				
6217	E.B.2.47.727	BEARING	1	Oilite	C	3/13
	E.B.2.47.733	HOUSING, bearing	1	L65	—	3/14
6218	E.B.2.47.693	PLUG	1	S114	C	3/15
6219	E.B.2.47.723	PLUNGER	1	BAC.M37	C	3/16
6220	E.B.2.47.725	SPRING	1	DTD215	C	3/17
20800	E.F.2.47.1495	CAM, and bearing	1	S96	C	3/18
10134	E.F.2.47.187	EYE-END, assembly	2	—	B	3/19
		Consisting of:—				
36HH/11674	ROLLS ROYCE D.47142	BALL-JOINT	1	—	C	3/20
	E.F.2.47.243	EYE-END	1	S82	—	3/21
	E.F.2.47.1537	LEVER, assembly	1	—	—	3/22
		Consisting of:—				
8232	E.B.2.47.517	BUSH, bearing	1	Oilite	C	3/23
	E.F.2.47.131	LEVER	1	—	—	3/24
28M/9403520	A27/CP	NUT, 2 BA, plain, crank pin securing	1	—	C	3/25
10136	E.B.2.47.529	PIN, crank	1	S95	C	3/26
	E.F.2.47.1515	WHEEL, clutch	1	S110	—	3/27
		Attachments:—				
28M/1006504	A27/BT	Nut, 4 BA, thin	4	—	C	3/28
4117	UNBRAKO Series C	Screw, 4 BA x 5/16"	4	—	C	3/29
	E.F.2.47.115	LEVER, auto pilot control, assembly	1	—	—	3/30
		Consisting of:—				
	E.B.2.47.535	BUSH, bearing	1	Oilite	—	3/31

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of Equip. M.R. L.M.	Fig. and Index
4118	E.B2.47.491	CLUTCH , cone, assembly	1	—	C	3/32
		Attachments :—				
28D/1007468	AS.1242/3B	Bolt, 4 BA, c'sk head	4	—	C	3/33
28M/1006504	A27/BT	Nut, 4 BA, thin	4	—	C	3/34
28W/9419465	SP13/B	Washer, 4 BA, plain	4	—	C	3/35
	E.F2.47.135	LEVER , 6 SWG	1	L65	—	3/36
19212	E.F2.1407	PIN , crank	1	S95	C	3/37
		Attachments :—				
28M/7002430	AGS.2002/E/1	Nut, stiff, ¼" BSF	1	—	C	3/38
	E.F2.47.1409	WASHER , laminated	1	—	—	3/39
	E.F2.47.1539	LEVER , throttle control, assembly	1	—	—	3/40
		Spares for :—				
28D/9140638	A25/4B	BOLT , 4 BA, for attaching flange and clutch wheel to lever	4	—	C	3/41
	8232	BUSH , bearing	1	Oilite	C	3/42
	E.F2.47.129	FLANGE	1	L65	—	3/43
28N/5805292	AS.4736/2	INSERT , wire thread, 2 BA	4	—	C	3/44
28M/9403519	A27/BP	NUT , 4 BA, for attaching flange and clutch wheel to lever	4	—	C	3/45
	37412	WHEEL , clutch	1	S110	C	3/46
	E.F2.47.265	LEVER , throttle control, assembly	1	—	—	3/47
		Spares for :—				
	12440	BEARING	1	Oilite	C	3/48
	10138	PIN , crank	1	S95	C	3/49
		Attachments :—				
28M/9403520	A27/CP	Nut, 2 BA, plain	1	—	C	3/50
	20801	LEVER , assembly (Pre-Mod. 2378)	1	—	C	3/51
		Consisting of :—				
	13662	LEVER , c/w stop plate	1	—	C	3/52
28P/7004065	SP28/H8	PIN , taper	1	—	C	3/53
	20802	SHAFT	1	—	C	3/54
	20804	NUT , adjuster	1	—	C	3/55
28M/1007304	A27/JT	NUT , ¼" BSF, attaching special eye-end to lever	2	—	C	3/56
28P/9429619	SP9/C5	PIN , split	1	—	C	3/57
28P/7004065	SP28/H8	PIN , taper	1	—	C	3/58
2A/9500491	HOFFMANN EW ⅜ PYQKO	RACE , thrust	2	—	C	3/59
	28S/ 20803	SCREW , P.K.	1	S970	—	3/60
	E.F2.47.1497	SHAFT	1	BAC.M37	—	3/61
	E.F2.47.1501	SLIDER	1	DTD197	—	3/62
	E.B2.47.683	TAPPET , assembly	1	—	—	3/63
		Consisting of :—				
2A/9501174	B.M.B. LTD. RCM ⅜	BALLRACE	2	—	C	3/64
28M/9403520	A27/CP	NUT , 2 BA, plain, guide pin locking	2	—	C	3/65
	8239	PIN , guide	2	S96	C	3/66
	4120	RING , truarc, retaining	2	—	C	3/67
	5103/18					
	10139	TAPPET	1	L65	C	3/68
	4121	WASHER , bellville	2	DTD187	C	3/69
	4122	WASHER , thrust... ..	1	S96	C	3/70

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		1	2	3	4	5	6	7				
10140	E.F2.47.709								1	S96	C	3/71
1441475	E.F3.47.1203								2	S510	C	2/25
28W/1009699	E.F2.47.1503								1	S96	—	3/72
	SP55/C								1	—	C	3/73
1441086	†								QR	—	—	3/74
	E.F2.47.1651								1	—	A	3A/14
UNIT, throttle servo, group (Mod. 2378) ... Spares for this group are identical with those for group Pt. No. E.F2.47.1491 on page D4 except for the following deletions and additions Delete :—												
20801	E.F2.47.1493								1	—	C	3/51
LEVER, assembly ... Consisting of :—												
13662	E.F2.47.1321								1	—	C	3/52
28P/7004065	SP28/H8								1	—	C	3/53
	20802	E.F2.47.1505							1	L65	C	3/54
SHAFT ... Add :—												
35977	E.F2.47.1653								1	—	C	3A/15
LEVER, control, quick release, assembly (Mod. 2378) Consisting of :—												
33504	GLACIER 08.DU.06								2	—	C	3A/16
33501	E.F3.47.1127								1	L65	C	3A/17
33503	E.F3.47.1119								1	S94	C	3A/18
Attachments :— Nut, special ...												
33502	E.F3.47.1121								1	S94	C	3A/19
22942	E.F3.47.1089								1	—	C	3A/20
LEVER, assembly ... Spares for :—												
28S/1214603	E.F3.47.1083								1	—	—	3A/21
	E.F3.47.1045								1	S21	—	3A/22
	E.F3.47.277								1	L65	—	3A/23
Attachments :— Screw, 2 BA, c'sk head ...												
22949	E.F3.47.1047								1	S21	C	3A/25
35978	E.F2.47.1655								1	L65	C	3A/26
Attachments :— Pin, taper ...												
28P/1010131	SP.28/H8								1	—	C	3A/27
22945	E.F3.47.283								1	DTD215	C	3A/28
22946	E.F3.47.287								1	DTD239A	C	3A/29
22947	E.F3.47.289								1	S21	C	3A/30
Attachments :— Bolt, 2 BA, c'sk head ...												
28D/9709461	AS1242/3C								1	—	C	3A/31
28M/1006473	A27/CT								1	—	C	3A/32
Nut, 2 BA, thin ...												
22950	E.B5.47.7103								1	—	C	3A/33
TRIGGER ... Attachments :—												
22948	E.F3.47.1043								1	S21	C	3A/34
28M/1006473	A27/CT								1	—	C	3A/35
28W/9419405	SP15/E								1	—	C	3A/36
Washer, 2 BA, plain ...												
	E.F2.47.1659								1	L72	—	3A/37
PLATE, packing ...												

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