

RESTRICTED

AP 113

GROUP 103

AERO - ENGINE EQUIPMENT

RESTRICTED

LISTS OF SUB-GROUP LETTERS & CLASS NUMBERS

AERO-ENGINE EQUIPMENT - GENERAL PUBLICATIONS

103A

FUEL-SYSTEM COMPONENTS

103B

-01	Fuel pumps, engine-driven		
-02	Combined control units	)	
-03	Fuel metering units	)	
-04	Acceleration control units	)	
-05	Barostatic control units	)	
-07	Ratio control units	)	FOR GAS TURBINE
-09	Pressurising valves	)	ENGINES
-10	By-pass valves	)	
-11	Governors	)	
-12	Flow distributors	)	
-14	Burners and atomisers	)	
-15	Filters	)	
-16	Pressure ratio switches		
-17	Dump valves		
-18	Drain fuel collectors	)	FOR RECIPROCATING
-19	Float chamber carburettors	)	ENGINES
-20	Bulk (single point) injection carburettors	)	
	(and associated units)	)	

ACCESSORY-DRIVE EQUIPMENT

103C

-01	Mechanical accessory drive equipment
-02	Air-driven accessory drive equipment
-03	Propeller brake units and brake units for autogyro-rotor planes and helicopter-rotor planes

STARTING SYSTEM EQUIPMENT (NON-ELECTRICAL)

103D

-01	Cartridge starters (for cartridges refer to 110N)
-02	Turbo-starters (Pneumatically Driven unit)
-03	Gas Turbine starters
-05	Starting systems test equipment

CONSTANT-SPEED-DRIVE EQUIPMENT

103E

-01	Constant speed drive units
-03	

EXHAUST AND THRUST REVERSER COMPONENTS

103F

-01	Afterburner/Reheat components other than fuel system
-02	Thrust reverser components

SUB-GROUP 103B

FUEL SYSTEM COMPONENTS

AP CODE No	FAP CODE No	TITLE	DATE
103B			
-0101-16A7		Fuel Pump Plessey Type BP34 Mk 8	Aug 72
-0102-1		Fuel Pump Lucas Type MGBB122	Jan 66
-0103-17		Fuel Pump Type BP230/6 Mk 5.	Sep 68
-0104-1		Fuel Pump Lucas Type MGBB135	-
-0105-1		Fuel Pump Lucas Type MGBB140	-
-0106-17		Low Pressure Fuel Backing Pump Plessey Type BP200 Mk 3	-
-0107-1		Fuel Pump Plessey Types F043 & F060	-
	-0108-1	FSP Drive and Boost Pump Pt No 289 0250.	Nov 82
	-0108-3	KHD FSP Drive and Boost Pump	Sep 82
-0108-6		FSP Drive & Boost Pump Klockner-Humboldt - Deutz Pt No 289-0250	Nov 82
	-0109-3	KHD Fuel pump M3.4	Dec 82
-0111-1		Fuel Pump Plessey Type F1 Mk 3M	Oct 79
-0115-1		LP Fuel Pump BP250 Mk 5	Nov 72
-0116-1		HP Fuel Pump Lucas MGC102	Nov 72
-0117-16AC		Engine-Driven Fuel Pump De Havilland Type DHAC.	Apr 74
-0202-1		Combined Control Units Chassis Mounted Fuel System Lucas Type CMF8 Series	-
-0203-3A		Fuel Flow Control Unit GFS 202 Series	Aug 79
-0203-6		Fuel flow control unit GFS 202 & 204 Series.	May 84
	-0205-3	Lucas Aerospace Control Unit, Fuel, Engine Pt No PCU 200	May 80
	-0205-6	Lucas Aerospace Ltd Engine Fuel Control Unit PCU 200	Jul 80
	-0205-7	Lucas Aerospace Ltd Engine Fuel Control Unit PCU 200	Aug 80
-0206-1		Engine Fuel Control Unit FCU 109, 113 & 118.	Oct 78
-0207-1		After Burner Fuel Control Unit DRH953 Mk 10	Nov 73
-0208-1		Part Throttle Afterburning Sector Valve DSV 1130 Mk 1 & 2	May 77
-0209-1		Afterburner Fuel Control Unit DRH1128 Mk 4.	-
	-0210-3	Dowty Fuel Systems Ltd Afterburner Fuel Control Unit Pt No DRH1290 Mk 1	May 80
	-0210-6	Dowty Fuel Systems Ltd Afterburner Fuel Control Unit DRH 1290 Mk 1 . . .	Aug 80
	-0210-7	Dowty Fuel Systems Ltd Afterburner Fuel Control Unit DRH 1290 Mk 1 . . .	Feb 80
-0211-136		Control Unit Starting Turbomeca Pt No 0-077-98-547-0.	Jan 84
-0301-16C		Fuel Metering Unit Dowty Type Eng 671 Mk 3.	-
-0304-17		Fuel Metering Unit Dowty Type Eng 640 Series	1967
-0305-16		Fuel Metering Pump, Plessey Type FM5 Mk 7H.	Mar 72
-0306-1		Sub-Idling Fuel Control Unit STS100	Nov 72
-0401-1		Afterburner Arming Pressure Switch DSS1197 Mk 1.	1974
-0501-1		Barometric Flow Control Unit Type VU23361	-
-0701-1		Air/Fuel Ratio Control Lucas Type AFC116	-
-0702-1		Air/Fuel Ratio Control Lucas Type AFC116	-
-0901-1		Pressure Increasing Valve Type V31040	-

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SUB-GROUP 103B

FUEL SYSTEM COMPONENTS

AP CODE No	FAP CODE No	TITLE	DATE
103B-cont			
-1001-3A6	-1002-3	Engine-Starter Fuel By-Pass Valve Pt No 71919.	1968
		Plessey Aerospace Ltd Fuel Recirculation Valve Pt No FVR 200 Mk 1	May 80
-1101-1		Low Pressure Shaft Governor Lucas Type GVD106	Jan 66
-1102-36		Free Power Turbine Governor FTG 202 series	May 84
-1103-136		Protective Control Unit 700-1-19338 series	Sep 84
-1104-136		Protective Control Unit 7001-1 22680 Series	Nov 82
-1201-1		Flow Distributor Lucas Type FD31/35U	-
-1202-1		Afterburner Distribution & Purge Valve DVG954 Mk 4	Nov 72
-1203-13A		Distributor Unit Microturbo Type 007-23A	Nov 74
-1204-1		Afterburner Distribution & Purge Valve DVG1129 Mk 1	-
-1205-123A		Distribution Unit Microturbo Pt No 0472300	Apr 78
-1401-1		Burner Type VU17493	-
-1402-1		Starting Atomizer Type V22008	-
-1403-1		Burner Lucas Type CSH85, 111, 114, 130.	-
-1405-1		Torch Igniter Fuel Nozzle LN 23825.	Apr 78
-1501-1		Low Pressure Fuel Type V31506	-
-1502-1		LP Fuel Filter Element MFFA582/2	May 77
-1503-1		After Burner LP Fuel Filter Element D2580	Nov 72
-1504-1		Main Fuel Spray Nozzle Filter Element D2591	Nov 72
-1601-1		Pressure Ratio Switch Lucas Type PRS103	-
-1602-1		LP Fuel Absolute Pressure Switch 1301/KPS/CP/2/35.	Nov 72
-1603-1		LP Fuel Absolute Pressure Switch 1304/KPS/CP/2/35 & 1304/KPS/FA/2/35	Sep 73
-1701-1		Dump Valve Lucas Type DV101	-
	-1702-3	Lucas Aerospace Valve Purge Engine Fuel Pt No MDV 200	May 80
	-1702-6	Lucas Aerospace Ltd Valve Purge, Engine Fuel MDV 200	Apr 80
	-1702-7	Lucas Aerospace Ltd Valve Purge Engine Fuel MDV 200	Jun 81
	-1703-3	Dowty Fuel Systems Ltd Shut-Off/Dump Priming Valve Pt No DSD 1294 Mk 1	Jun 80
	-1703-6	Dowty Fuel Systems Ltd Priming, Shut-Off & Dump Valve Unit DSD 1294 Mk 1	Mar 80
	-1703-7	Dowty Fuel Systems Ltd Priming, Shut-off & Dump Valve Unit DSD 1294 Mk 1	Feb 80
-1801-136		Drains Tank BAC Type 110037 Sht 25 & BAC Type 115037 Sht 13	Sep 83
-1900-1B		Float Chamber Carburettors, Hobson-Jets & Float Assemblies	1972
-1901-6		Float Chamber Carburettor Hobson Type A148PM	Mar 72
-2001-1		Fuel Injection & Metering Pumps for Piston Engines SV Types 6400/775, 6400/788, 6400/803, 6400/805, 6400/807	-
-2002-16A		Hobson Fuel Metering Equipment for Alvis Leonides Engines	-
-2003-1		Injection Carburettors Hobson Types B1/BH 11, 13/1 & 17	Oct 72

SUB-GROUP 103C

ACCESSORY DRIVE EQUIPMENT

AP CODE No	FAP CODE No	TITLE	DATE
103C			
-0101-2		Belfast C Mk 1	1968
-0101-3A		Dowty Rotol for Belfast C Mk 1	—
-0102-16AC		Andover C Mk 1	—
-0102-2		Andover C Mk 1	1968
-0102-3A		Dowty Rotol Accessory Drive Equipment for Andover C Mk 1	Jul 78
-0103-16C		Accessory Reduction Gear for Pembroke and Sea Prince A/C Dowty Rotol Type ARG 1/8E.	Dec 75
-0104-16C		Accessory Drive Equipment for Varsity T Mk 1 Aircraft Dowty Rotol Type 135 & 363.	—
-0106-16AC		Dowty Rotol for Argosy	—
-0107-16		Dowty Rotol for Canberra	—
-0109-16		Dowty Rotol for Jet Provost	—
-0110-16		Accessory Drive Equipment (Dowty Rotol) for Gannet Aircraft	—
-0111-16		Dowty Rotol for Hunter	—
-0111-3A		Gearbox & Accessory Drive Equipment for Hunter Aircraft	Nov 79
-0112-16AC		Dowty Rotol for Shackleton	—
-0112-3A		Dowty Rotol Accessory Drive Equipment for Shackleton Aircraft	—
-0113-16		Dowty Rotol for Comet Mk 2.	—
-0114-16		Self-changing Gears Ltd Accessory Drives	1974
-0115-16C		Rotol Accessory Gearboxes & Drive (Lightning)	Oct 74
-0115-3A		Dowty Rotol Accessory Drive Equipment for Lightning Aircraft	—
	-0117-1	Accessories Drive Gearbox LH/RH Klockner Humboldt Deutz Pt No 2890500, 2890501	Jan 83
-0117-6		Gear Box Accessories Drive LH & RH Klockner - Humboldt Deutz Pt No 2873501 (LH) Pt No 2873500 (RH)	Jul 84 Jul 84
	-0118-1	Flexible Shaft Lucas Aerospace Ltd Type ZA25720 EXP5	Apr 83
	-0118-3	Lucas Shaft Flexible	Sep 80
-0118-6		Flexible Shaft Lucas Aerospace Ltd Type ZA 25720 Exp 5	May 83
-0119-6		Hydraulic Pump Drive LH/RH Klockner - Humboldt - Deutz Pt No 2873655 (LH) & 2873654 (RH).	Nov 83
	-0119-3	KHD Drive Hydraulic Pump LH/RH	Jun 81
	-0120-1	Cross Drive Shaft Klockner Humboldt Pt No 287 7970	Feb 82
	-0120-3	KHD Shaft Cross Drive.	Sep 82
-0121-3A		Dowty Rotol Accessory Drive Equipment for Andover CC Mk 2.	Dec 78
-0201-16A		Turbine Gearbox Alternator Drive Godfrey Type TGA-30Mk 6	—
-0202-13A		Actuator Plessey Type AMSU 306 Mk 2.	Jun 74
-0202-2		Actuator Plessey Type AMSU 306 Mk 2.	Oct 74
-0301-1		Propeller Brake Unit Type AH52420.	Jan 66
-0302-1		Propeller Brake Unit Type AH52252.	Apr 66
-0304-13A6		Rotor Brake	—
-0305-1		Rotor Brake Unit Dunlop Pt No AH51704	Aug 74
-0307-13A6		Rotor Brake Assembly Pt No 2-1448 BF Goodrich Co Pt No 414HS020-2 Boeing Vertol Co	Mar 82

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SUB-GROUP 103D

STARTING SYSTEM EQUIPMENT

AP CODE No	TITLE	DATE
103D		
-0101-12	Starting Systems, Plessey Type S	Aug 82
-0101-3A	Cartridge Starters Plessey Type S	-
-0101-5F	Plessey Engine Starting System Type S	Aug 79
-0102-3A	Engine Starting System Rotax Type CT1302	-
-0103-3A	Engine Starting System Rotax Type CT1303	-
-0106-13A7	Starter, Single Breech Turbo, Lucas Aerospace Type SBS720 Mk 5 for Avon Engine Canberra Aircraft	Nov 78
-0106-5F	Turbo Starter Type SBS 720	Feb 78
-0201-16A	Starting System CT1305 Norval	-
-0203-3A	AEI Turbo Starter Type TBS720 Mk 2	Oct 65
-0203-13A67	Turbo Starter Lucas Aerospace Type TBS720 Mk 2	Nov 76
-0203-D1	Triple Breech Turbo-Starter Type TBS720 Mk 2	-
-0204-16	Pneumatic Starter Rotax Pt No CT1012	-
-0205-13A6	Pneumatic Starter Lucas Aerospace Type CT1039	Nov 76
-0208-16A	Engine Starting Systems Plessey Type 1PN	Mar 78
-0208-2	Engine Starting System Plessey Type IPN	Aug 78
-0208-3	Engine Starting Systems Plessey Type 1PN	Mar 82
-0212-13A	Air Starter Micro Turbo Pt No 007-02C & 007-02-11	Aug 83
-0213-167	Starter Pneumatic Lucas Aerospace Type CT0804/2 for Gyron Junior Engine Buccaneer Aircraft	Jun 72
-0215-17	Starter Pneumatic Lucas Aerospace Type CT1009 for Orpheus Engine, Gnat Trainer Aircraft	Jul 72
-0216-167	Starter Pneumatic Lucas Aerospace Type CT1021/1 for Spey Engine Buccaneer Aircraft	Jun 72
-0217-123A7	Engine Starting System, Lucas Aerospace Type CT1302 for Conway Engine Victor Aircraft	Jan 83
-0218-17	Engine Starting System, Lucas Aerospace Type CT1303 for Olympus Engine Vulcan Aircraft	Jun 72
-0219-123	Turbine Starter Microturbo Pt No 0470200 & splined coupling shaft Pt No 464-001	Dec 81
-0301-16A7	Gas Turbine Starter, Plessey Solent Mk 101	-
-0301-2A	Gas Turbine Starter, Plessey Solent Mk 101	Mar 80
-0301-2B	Gas Turbine Starter, Plessey Solent Mk 101	Mar 80
-0301-3	Gas Turbine Starter, Plessey Solent Mk 101	Mar 74
-0302-2	Gas Turbine Starter Auxiliary Power Unit Rotax Type CP2023	-
-0302-16A	Gas Turbine Starter/Auxiliary Power Unit Lucas Aerospace Type CT2023/1	-
-0303-3A	Gas Turbine Starter/APU System Lucas Aerospace Type CT2103	-
-0304-1	Gas Turbine Starter/Auxiliary Power Unit Lucas Aerospace Type CT2031/1	Mar 73
-0304-2	Gas Turbine Starter Lucas Aerospace Type CR201-Mk 2	Nov 77
-0304-3	Gas Turbine Starter/Auxiliary Power Unit Lucas Aerospace Type CR201 Mk 2 & Type CR202	Oct 81
-0304-5F	Harrier GTS/APU Mk 2 Type CR 201	Jul 80
-0304-6	Gas Turbine Starter/Auxiliary Power Unit Lucas Aerospace Type CR 201 Mk 2 & Type CR 202	Jan 80
-0305-13A	Air Producer Microturbo Type 007-01E, 007-01F, 007-01-01 & 007-01-11	-
-0306-123A	Air Producer Microturbo Pt No 0470100	Jul 78
-0501-13A	Test Bench Microturbo Type BAHK-3	Jul 77
-0502-13A	Test Set Microturbo Type BT007B	May 76
-0503-13A	Test Bench Microturbo Type PESD 07A	Feb 77
-0504-13A	Test Set Starter System Mk 2 Microturbo Pt No BTO 472	Apr 78
-0505-123	Test Bench Microturbo Pt No BE1-2	Nov 82
-0506-1236	Test Bench Microturbo Pt No BESD047	Mar 82

SUB-GROUP 103E

CONSTANT - SPEED - DRIVE EQUIPMENT

AP CODE No	TITLE	DATE
103E		
-0100-2A	Hydraulic Constant Speed Drives-Lucas Part 1	Aug 84
-0100-2B	Hydraulic Constant Speed Drives Lucas Part 2	Aug 84
-0101-13	Constant Speed Drive Unit, Lucas Aerospace Type AE 8010	Dec 83
-0101-6	Constant Speed Drive Unit Lucas Aerospace Type AE 8010	Jan 84
-0102-13	Constant Speed Drive Unit Lucas Type AE8052 Mk 1 & 3	Dec 83
-0105-13	Constant Speed Drive Unit Lucas Type AE 8053 Mk 1	Dec 83
-0106-16A	Constant Speed Drive System Components English Electric.	-
-0106-3	Hydraulic Constant Speed AC Generator Drive (AE 8012/2 Mk1) for Buccaneer S Mk2	Dec 82
-0106-6C	Constant Speed Drive System Components English Electric.	-
-0107-123	Integrated Drive Generator Lucas Aerospace Type AE8914 Mk 2	Jan 83
-03-3A	Godfrey Turbine Gearbox Type TG30 Mk 6	1967

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SUB-GROUP 103F

EXHAUST AND THRUST REVERSER COMPONENTS

AP CODE No	FAP CODE No	TITLE	DATE
103F			
	-0101-3	Lucas Aerospace Ltd Exhaust Nozzle Control Unit Pt No CHA 729-5001. . . .	Apr 80
	-0101-6	Lucas Aerospace Ltd Exhaust Nozzle Control Unit CHA 729-5001	Sep 81
	-0102-3	Lucas Aerospace Ltd Exhaust Nozzle Ballscrew Actuator Pt No CHA 730-5001	Apr 80
	-0102-6	Lucas Aerospace Ltd Exhaust Nozzle Ballscrew Actuator CHA 730-5001. . . .	Dec 80
	-0103-3	Lucas Aerospace Gearbox Bevel Exhaust Nozzle Pt No CHA 732-158.	-
	-0103-6	Lucas Aerospace Ltd Exhaust Nozzle, Bever Gearbox CHA 732-5001.	Mar 81
	-0201-3	Lucas Aerospace Ltd Thrust Reverser Control Unit Pt No CHA 726-5001 . . .	Apr 80
	-0201-6	Lucas Aerospace Ltd Thrust Reverser Control Unit CHA 726-5001	Feb 82
	-0202-3	Lucas Aerospace Ltd Thrust Reverser Ballscrew Actuator Pt No CHA 727-5001	May 80
	-0202-6	Lucas Aerospace Ltd Thrust Reverser Ballscrew Actuator Pt No CHA 727-5001	Nov 80
	-0202-7	Lucas Aerospace Ltd Thrust Reverser Ballscrew Actuator Pt No CHA 727-5001	Nov 80
	-0203-3	Lucas Aerospace Ltd Thrust Reverser Bevel Gearbox Pt No CHA 731-5001 . .	Apr 80
	-0203-6	Lucas Aerospace Ltd Thrust Reverser Bevel Gearbox CHA 731-5001	Dec 82

SUB-GROUP 103J

WATER - ALCOHOL INJECTION-SYSTEM ENGINE COMPONENTS

AP CODE No	TITLE	DATE
103J		
-0301-1	Electro-Magnetic Valve Teddington Type FGB/A/11.	Jun 73

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SUB-GROUP 103K

THERMAL INSULATION EQUIPMENT

AP CODE No	TITLE	DATE
103K		
-0100-6	Heat Insulation Blankets.	Sep 73
-0101-1	After Burner Thermal Insulation Blanket IB89505 Mk 1 Insulation Pad IBN88934 Mk 1.	Nov 72

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