

HELICOPTER KITS

Agusta 109	£264.50
Hughes 300	£159.50
Bell 47G	£169.50
MXA Sport	£185.00
Wasp	TBA
Navy Lynx	TBA

'CHAMELEON' Conversion kits:

MXA to Army LYNX	£59.50
H300 to SCOUT	£54.50
MXA to Jet Ranger	TBA

ACCESSORIES

GYRO/FPA	Full Pilot Authority Gyro	£75.00
GYRO/GOLD	'GOLD' Rate Gyro	59.50
3ON1	3 on 1 Beacon	19.95
CELLMATE	Battery condition beacon	14.95
ACC/AUTO	Autorotation freewheel unit	29.75
ACC/B3	Starter belt 300mm	2.30
ACC/B5	Starter belt 500mm	2.65
ACC/BADGE	Sew on badge	0.75
ACC/EJ	Moulded ball joints & balls (10)	2.99
ACC/COVERS	Mainblade Covers pair	4.95
ACC/FF	In line fuel filter	1.73
ACC/FLTS	Marine & training floats pair	11.96
ACC/FTB	250cc (8oz) fuel tank each	1.73
ACC/GLOW	Dayglo rotor tip tape 2 colour	0.92
ACC/HEX	Hexagonal ball drive coupling	2.76
ACC/NAV	Red navigation light moulding	0.35
ACC/SFT	Silicon fuel tubing (12")	0.35
ACC/SILH	Horizontal muffler for Bell 47	7.95
ACC/SILV	Vertical muffler for A109	TBA
ACC/SUPER	Special Irvine Super Muffler for Hughes 300 Can be fitted to MXA and LYNX with slight mods	27.37
ACC/BOS	Bostik adhesive	1.84
18G WIRE	18g drive wire [min post for]	0.35
18G WIRE	18g control wire [wires sup]	0.30
ALLENKEY	Allen key	0.23

ROTOR BLADES (including covering material)

MAINBLADE S	Standard section blades pair	5.75
MAINBLADE L	Extra length standard blades for Agusta & Lynx pair	5.75
BLADES 3	For 3-blade Hughes 300 set	9.20
SYMBLADES	Symmetrical section blades pair	9.50

All prices include V.A.T. where applicable

GENERAL SPARES

MAIN GEARBOX

OMG/BB	8mm ball bearing	3.45
OMG/BRKT	Bracket moulding (Bell 47)	1.15
OMG/C1	Main gearbox top moulding	1.73
OMG/C2	Main gearbox base moulding	1.44
OMG/CPL	Main gearbox coupling	1.73
OMG/CWS	Crownwheel & shaft	7.82
OMG/ISA	Input shaft assembly (std)	10.35
OMG/ISA S	Short ISA for Bell 47	10.35
OMG/MAST	Main rotor mast	2.07
OMG/OIL	Main mast oilite bearing	0.98
ACC/HEX	Hex. ball drive coupling set	2.76

ENGINE BAY

OMR/EM	Moulded engine mount each	2.30
OMR/FAN	Cooling fan	2.53
OMR/FD	Fan cooling duct	3.45
OMR/FDB	Fan duct backplate (47G & MXA)	2.30
OMR/FDE	Fan cooling duct extension	0.86
OMR/FLY	Engine flywheel	3.45
OMR/FLYB	Engine flywheel (Irvine 40)	3.45
OMR/FLY T	Std drive pulley (14 teeth)	2.76
OMR/FLY T	Hi ratio drive pulley (16 teeth)	3.45
OMR/SP	Starter pulley	0.58

CLUTCH

OCL/PACK	Clutch complete	15.25
OCL/DRUM	Alloy clutch drum	3.39
OCL/LINER	Ferrod clutch liner	1.15
OCL/LP	Large clutch pulley (32 teeth)	2.85
OCL/SHOES	Steel clutch shoes pair	3.74
OCL/SPRINGS	Clutch shoe springs pair	0.77
OCL/XL100	Drive belt 100 XL 037 each	2.45

MORLEY HELICOPTERS

CATALOGUE

SUMMER 1988

SWASHPLATE

OSP/PACK	Swashplate (less driver)	14.66
OSP/BALL	Swashplate centre ball	0.86
OSP/BOTTOM	Swashplate bottom moulding	0.58
OSP/BRG	S/P bearing balls (12) set	0.58
OSP/CAGE	Swashplate ball cage	1.15
OSP/CENTRE	S/P centre moulding & ring	3.44
OSP/RING	S/P alloy bearing rings pair	2.88
OSP/TOP	Swashplate top moulding	1.73
OSP/DRIVER	Swashplate driver	2.30

CONTROLS

OCON/BELL	Bellcrank pair	0.81
OCON/BRKT	Small right angled bracket	0.40
OCON/CA	Collective cradle arm	1.44
OCON/EYE	Collective actuating eye (B47)	0.29
OCON/MNT	Bellcrank mounting blocks	0.86
OCON/ROD37	Control rod 37mm (5)	2.10
OCON/ROD50	Threaded stud 50mm (2)	1.15
OCON/ROD65	Control rod 65mm (5)	2.10
OCON/ROD90	Control rod 90mm (2)	1.15
OCON/ROD135	Control rod 135mm (2)	1.15
OCON/ROD190	Control rod 190mm (3)	2.10
OCON/ROD240	Control rod 240mm (2)	1.73
OCON/ROD340	Control rod 340mm (2)	1.73
OCON/SH30	Bellcrank pivot (30mm)	0.23
OCON/SH75	Bellcrank pivot (75mm)	0.23
OCON/SH100	Bellcrank pivot (100mm)	0.29
OCON/SMNT	Single servo mounting brackets	0.89
OCON/TMNT	Twin servo mounting bracket	1.44
OCON/SP	Bellcrank spacer (Ball 47) pair	0.29
OCON/TUBE	200mm Alloy tube (MXA)	0.75
ACC/BALL	Plastic control ball each	0.06

OTH/C2	Tail rotor gearcase back	1.04
OTH/HUB	T/R hub & spacers	2.88
OTH/CH	T/R blade M2 screws and nuts	0.75
OTH/CLR	Pitch control rod collars pair	0.58
OTH/CRANK	Pitch operating bellcrank	0.63
OTH/CS	C/sunk blade mount screws (2)	0.58
OTH/G IN	T/R input gear and shaft	3.45
OTH/GOUT	T/R output gear and shaft	3.45
OTH/OIL1	3/16" oilite bearing	0.75
OTH/OIL2	6mm oilite bearing	0.75
OTH/YOKE	Blade pitch control yoke	0.58

ROTOR HEADS

ORH/2	Two blade rotor head	51.75
ORH/3	Three blade rotor head	62.45
ORH/4	Four blade rotor head	72.45
ORH/HEAD3	Three blade conversion pack	34.39
ORH/HEAD4	Four blade conversion pack	43.70

ROTOR HEAD PARTS

ORH/BB	6mm ball race	4.03
ORH/BGM	Bearing mounts (1 blade) pair	1.04
ORH/BM	Main blade holder & mount	1.04
ORH/CRADLE	Flybar & zig zag cradle	1.04
ORH/FBZZ	Flybar carrier zig-zag	2.88
ORH/FB	Flyblade collar & screw each	2.30
ORH/FBAR	Fly bar	1.61
ORH/FBOA	Fly bar operating arm each	1.04
ORH/FINGS	Blade mount finger plates (2)	1.38
ORH/HIA	Main blade incidence arm	1.04
ORH/MIX	Bell-Hiller mixer sprue	2.30
ORH/MT	Rotor mast top	0.92
ORH/OIL	3mm oilite bearing pair	1.15
ORH/PLATE	Rotor head hub plate	9.20
ORH/PLATE3	Alloy head plate (3 blades)	17.25
ORH/PLATE4	Alloy head plate (4 blades)	23.00
ORH/RUBS	Teeter & drag rubbers (for 2 blades)	1.15
ORH/TOP	R/H hub top moulding	2.01

TAIL ROTOR

OTR/BB1	3/16" ball race	4.03
OTR/BB2	6mm ball race	4.03
OTR/BL	Tail rotor blades pair	2.76
OTR/BM	Tail rotor blade mount pair	2.99
OTR/C1	Tail rotor main gearcase	1.73

FASTENERS

M2N	M2 nuts (10)	0.35
M2SW	M2 star washers (20)	0.35
M2X12	M2 x 12mm screws (10)	0.58
M2X12SC	M2 x 12mm skt cap screws(5)	1.73
M2X16	M2 x 16mm screws (10)	0.58
M3N	M3 nuts (10)	0.35
M3NLN	M3 nyloc nuts (10)	0.58
M3SW	M3 star washers (20)	0.35
M3X8	M3 x 8mm screws (10)	0.58
M3X10	M3 x 10mm screws (10)	0.58
M3X16	M3 x 16mm screws (10)	0.58
M3X16SC	M3 x 16mm skt cap screws (5)	0.81
M3X20	M3 x 20mm screws (10)	0.58
M3X20SC	M3 x 20mm skt cap screws (5)	1.04
M3X20SCP	M3 x 20mm skt screws (plain)(5)	1.84
M3X25	M3 x 25mm screws (10)	0.69
M3X30	M3 x 30mm screws (10)	0.69
M3X30SC	M3 x 30mm skt cap screws (5)	1.38
M4LW	M4 large washers (10)	0.20
M4N	M4 nuts (10)	0.35
M4NLN	M4 nyloc nuts (10)	0.58
M4SW	M4 star washers (20)	0.35
M4X8	M4 x 8mm screws (10)	1.15
M4X10	M4 x 10mm screws (10)	1.15
M4X16	M4 x 16mm screws (10)	1.15
M4X25PS	M4 x 25mm plain shank (5)	0.58
M4X30	M4 x 30mm screws (5)	1.15
M4X30PS	M4 x 30mm plain shank (5)	0.58
M4X70	M4 x 70mm screws (5)	1.15
M4X6SS	M4 x 6mm skt set screws (5)	0.46
M4X10SS	M4 x 10mm skt set screws (5)	0.81
M4X20SS	M4 x 20mm skt set screws (5)	1.15
ST1	Self tappers 2 x 3/8" (10)	0.35
ST2	Self tapper 1.5" (10)	0.69
ST3	Plastic self tapper 8 x 3/8" (10)	0.46
S14	S/T panel screws 6x15 (10)	0.35
JNUT	Sheet metal J nuts (10)	0.58

AGUSTA 109

109/BODY	Body GRP moulding	37.49
109/BOOM	Tail boom GRP moulding	28.52
109/COWL	Top cowl GRP moulding	14.95
109/MESH	Fuselage venting mesh	0.86-1
09/DECALS	Decals set	1.73
109/LPLY	Large diecut wood sheet	5.18
109/SPLY	Small diecut wood sheet	4.00
109/TRANS	Window transparencies	5.18
109/TUBE	A109 f/R mounting tube	0.58
109/WIPER	W/wiper & venturi set pair	1.73
109/B430	f/R guide & control tube each	1.15
109CH/BASE	Aluminium chassis	14.95
109CH/BKT	Chassis bracket mouldings (5)	2.59
109CH/BM	Mast ellite bearing holder	1.15
109CH/FR	Alloy mast support frame	3.45
109NL/PACK	Agusta 109 noseleg pack	8.86
109NL/FORK	A109 noseleg fork	2.00
109NL/FRM	A109 noseleg frame	2.00
109NL/LOCK	A109 noseleg downlock	0.86
109NL/ROCK	A109 noseleg locker	1.73
109NL/W1	A109 nosewheel	2.07
109UC/PACK	A109 main U/C pack	29.44
109UC/DOVW	Downlock arm, stop & end	2.30
109UC/DW	U/C downlock wire (10g) each	0.92
109UC/HING	U/C door hinge moulding each	0.86
109UC/IDL	U/C mainleg operating idler	2.30
109UC/LEG	U/C mainleg moulding	2.88
109UC/PIV	U/C U/C idler pivot block	1.04
109UC/W2	U/C main wheels (pair)	5.75
109UC/XT	U/C cross tube moulding each	0.46
109/TUBE	A109 f/R mounting tube	0.58
109/WIPER	W/wiper & venturi set pair	1.73
109/B430	f/R guide & control tube each	1.15

MXA SPORT

MXA/CAB	Cabin & stabiliser mldgs set	10.35
MXA/CF	Chassis crosspiece (flat)	1.73
MXA/CR	Chassis crosspiece (raised)	1.73
MXA/CHAN	Gearbox mounting channel	7.48
MXA/DFG	Fuel tank edging rubber	1.73
MXA/MOUNT	Alu. engine mount	8.51
MXA/PYLON	MXA cab mounting pylon pair	0.58
MXA/SIDE	MXA chassis side plate each	13.80
MXA/TRAY	Gyro/Rx mounting tray	2.88
MXA/DECALS	MXA decal set	1.73
MXATE/IDL	f/R control idler	0.35
MXATE/175	Tail boom tube 175mm	0.98
MXATE/350	Tail boom tube 350mm	1.96
MXATE/B140	MXA tail skid tubing	0.58
MXATE/B430	Tail drive guide tube	1.15
MXATE/BRKT	Tailplane support brackets each	0.29
MXATE/CL	f/R gearbox clamp and nuts	0.58
MXATE/END	Tail boom end moulding	1.50
MXATE/JNT	Tail boom joint moulding	1.50
MXATE/LOCK	Tail gearbox saddle lock	0.58
MXATE/SKID	Tail skid moulding	1.44
MXATE/STAY	Tail boom support stays	2.88
MXAUC/CLR	U/C brass collar & screw (4)	1.15
MXAUC/CRS	U/C cross strut moulding	1.73
MXAUC/LEG	U/C leg each	2.07
MXAUC/SKDS	Alloy skids pair	3.98
MXAUC/WIRE	U/C wire strut	1.15

HUGHES 300

300CH/BASE	Chassis base plate	11.50
300CH/SEAT	Alloy seat back	9.20
300CH/CS	Crossmember strut	2.30
300CH/SS	Spacer strut	1.15
300CH/ENDS	Nylon stay ends pack	3.34
300CH/S14	Stay tube 1/4" x12"	0.69
300CH/S15	Stay tube 5/16" x 12"	0.69
300CH/TOP	Mast top bearing holder	2.30
300CAB/BAR	Cabin roll bar	2.07
300CAB/CAT	Door catch/screw anchor each	0.58
300CAB/FLR	Plywood cabin floor	2.07
300CAB/SHT	Clear canopy door moulding	6.44
	(N.E. Canopy minimum post ...	1.70)
300CAB/SID	Cabin side moulding each	2.19
300CAB/TK	Dummy fuel tank each	2.19
300-DI CALS	Hughes 300 decals set	1.73
300UC/DAMP	U/C rubber damper	0.81
300UC/LEG	Nylon leg moulding each	1.96
300UC/SKIDS	Aluminium skids pair	3.68
300UC/SKT	Nylon u/c socket strut	0.86
300UC/TOP	Damper top/skid end/bearing	0.58
300TB/175	Tail boom tube 175mm	0.98
300TB/350	Tail boom tube 350mm	1.96
300TB/B140	Tail skid brass tube	0.58
300TB/B250	f/R control brass tube	0.86
300TB/B430	Tail drive guide tube	1.15
300TB/CL	f/R gearbox wire clamp & nuts	0.58
300TB/END	Tail boom end moulding	1.50
300TB/JNT	Tail boom joint moulding	1.50
300TB/FIN	Dagger fin and bracket	2.85
300TB/TAI	H300 angled tailplane	2.65
300TB/LOCK	Tail gearbox lock saddle	0.58
300TB/SKID	H300 tail skid moulding	1.44

BELL 47G

479CH/BASE Anodised 'U' base frame 17.25
 479CH/BRKT Chassis & tank brackets set 0.98
 479CH/EP Engine mount plate 9.78
 479CH/FCP Forward chassis plate 8.97
 479CH/TOP Top bearing holder 1.73

479CAB/PLY Bell 47 die cut cabin parts set 2.19
 479CAB/SHT Bell 47 clear canopy moulding 6.44
 (N.B. Canopy minimum post 1.70)
 Bell 47 decals set 1.15

479UC/BH U/C boom holders each 0.92
 479UC/BS Boom stay wire each 1.15
 479UC/CTL U/C cross tube (long) 3.45
 479UC/CTS U/C cross tube (short) 3.45
 479UC/LEG U/C leg mouldings set (4) 1.73
 479UC/SKDS Bell 47 alu. skids pair 3.68
 479UC/SS Side stay wire each 1.15
 479UC/CR U/C cradle mouldings set 1.15
 479UC/ROD U/C support rod 4.20

479TE/BOOM Enamelled tail boom 32.20
 479TE/CS T/R control supports set 0.58
 479TE/DS Tail drive supports set 0.58
 479TE/FC Tail fin mounting clip set (4) 0.58
 479TE/SEA1 T/R gearbox seat 0.92
 479TE/TG Tail rotor guard (alt) 1.15
 479TE/CL Tail rotor gearbox wire clamp 0.58

INSTRUCTIONS

109INSTR Agusta 109 instructions 2.88
 300INSTR H300 instructions 2.88
 479INSTR Bell 47 instructions 2.88
 MXAINSTR MXA instructions 2.88
 300-SCOUT H300-SCOUT conversion instr 1.73
 MXA-LYNX MXA-Lynx conversion instrs 1.73

LYNX

LYNX/BODY Fuselage mouldings set 19.78
 LYNX/BOOM Tail boom mouldings set 11.96
 LYNX/PLY Diecut ply fuselage parts set 2.88
 LYNX/BRKTS Alloy body brackets set (3) 9.20
 LYNX/TRANS Cabin mouldings 5.75
 LYNX/DECALS Decals set 1.38

LYNXTE/A570 T/R control tube alloy 570mm 1.50
 LYNXTE/B570 T/R drive tube brass 570mm 1.50
 LYNXTE/TUBE T/R gearbox mounting tube 0.35
 LYNXTE/CAP Mounting tube cap & clamp set 0.85

SCOUT

SCOUT/BODY Body & boom mouldings set 24.15
 SCOUT/TRANS Canopy moulding 7.74
 SCOUT/ENGINE Engine moulding 7.74
 SCOUT/PLY Diecut ply formers set 1.73
 SCOUT/DECALS Decal set 1.38
 SCOUTUC/LEG U/C leg moulding each 1.96

SCOUTTB/A640 Alloy tail control tube 1.73
 SCOUTTB/B520 Tail drive brass tube 1.61
 SCOUTTB/TUISE T/R gearbox mounting tube 0.35
 SCOUTTB/CAP Mounting tube cap & clamp set 0.85

MORLEY HELICOPTERS

ORDER FORM

Send to: Morley Helicopters Ltd

4a Indus Acre, Avro Way

Bowerhill,

Melksham

Wiltshire SN12 6TP

Date:

/ /

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(All prices include V.A.T.)

STOCK CODE DESCRIPTION

UNIT PRICE QUANTITY TOTAL PRICE

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