

WESTLAND

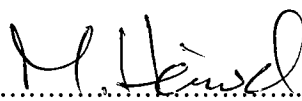
Westland Helicopters Ltd (WHL)

GUIDANCE DOCUMENT ONLY


**LIST OF APPROVED MECHANICAL & ELECTRICAL HARDWARE COMPANIES
FOR USE BY WESTLAND HELICOPTERS LTD
APPROVED SUPPLIERS**

SQA 85 - ISSUE 4

For WHL:

Approved by: 
M Herivel

Quality Assurance Manager – Supplier Approvals

Prepared by: 
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Principal Quality Engineer – Supplier Approvals

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AMENDMENT RECORD

ISSUE NO	PAGE(S) AFFECTED	INCORP BY	DATE
1	First Issue	A Morton D Astall M Herivel	Mar 93
2	Supplier Matrix and Code of Definitions Updated	M Herivel	May 93
3	Supplier Matrix and Code of Definitions updated. Supplier and Stockist details amended/updated.	J Patten	Nov 98
4	Supplier Matrix and Code of Definitions updated. Supplier and Stockist details amended/updated.	M Rogers	Nov 05

REQUIREMENTS

1. Introduction

This document is issued by WHL's Quality Assurance - Supplier Approvals Department and acts as a guidance document only. It contains a list of the Companies approved by WHL to supply mechanical & electrical hardware for use on WHL products. Inclusion of a Company in this document indicates that, when surveyed, it demonstrated the capability to comply with the specifications and requirements of WHL.

Use of the Companies listed does not relieve the WHL Subcontractor of the responsibility of ensuring that the hardware provided conforms to the relevant requirements.

2. Requirements

- 2.1 Suppliers are not permitted to buy Vital and Category 'F' Parts from Subcontractors or Stockists without prior written agreement from WHL's Quality Assurance - Supplier Approvals Department.
- 2.2 WHL designed parts (e.g. EE, EF, MDS, etc) shall only be procured from an approved Manufacturer.
- 2.3 Suppliers are not permitted to procure a Westland designed part, which requires special processes from a source that does not hold the appropriate WHL approval.
- 2.4 When buying from Stockists, the Subcontractor must confirm that products have been procured from an approved source. This applies in particular where Stockists have WHL permission to procure through other Stockists.
- 2.5 All work in pursuance of a WHL order shall be in accordance with the requirements of QRS01, which shall be stipulated on the Subcontractor's Purchase Order.
- 2.6 The products shall be released from the lower-tier Supplier properly certified on release documentation and all documents relating to the products shall be made readily available to WHL on request.
- 2.7 WHL's Quality Assurance - Supplier Approvals Department should be informed whenever an approved Company supplies non-conforming products.
- 2.8 **If any Subcontractor has difficulty in obtaining components from manufacturer/stockist on a commercial basis, they should inform WHL Procurement.**

3. Queries

Queries concerning this document should be directed to WHL's Quality Assurance - Supplier Approvals Department.

4. Surveillance

Periodic surveillance visits will be made by WHL Quality representatives to the Subcontractor to verify compliance with this document. The Subcontractor shall ensure that all reasonable access is accorded to WHL representatives and that all paperwork is available for examination on request.

Subcontractors should also carry out surveillance activities to ensure themselves that their Supplier is complying with their requirements.

HOW TO USE DOCUMENT

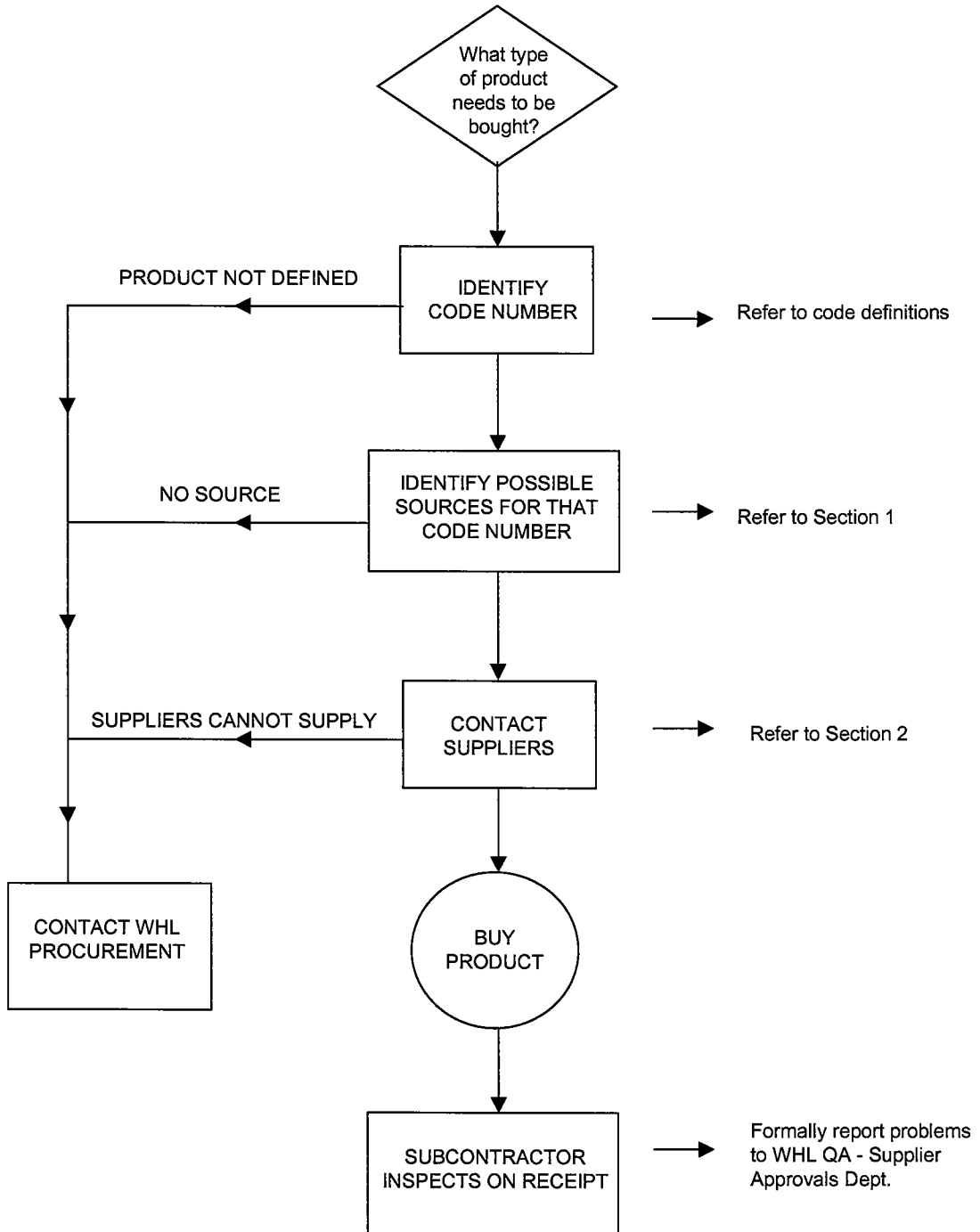


Figure 1

CODE DEFINITIONS

NUMBER	KEYWORDS	TYPE
1	Fasteners	Nut, bolt, washer, cotter/split pin, rivet, screw, pin, dowel, clamp, clip, circlip, barrel nut, turnbarrel, plug, cap, ring, receptacle, etc.
2	Springs	Made to print. Bought out
3	Shims	Shim, gasket, packing
4	'O' Rings and Seals (Oil)	Rubber
5	Rubber	Grommet, plug, cap, washer, absorber, hose clip/clamp, cable ties (excluding 'O'rings and seals)
6	Hydraulic Pneumatic	Elbow, coupling, adaptor, nipple, reducer, tee, valve
7	Furnishings	Buckle, strap, belt, eyelets, handles, receptacles, shackles
8	Labels	Transfers, tags, labels, name plates
9	Bush	Insert, helical, ferrule
10	Hoses	Hoses, pipes, flexible hoses, ducting
11	Electrical	Miscellaneous electrical components

SECTION 1 - APPROVED SUPPLIER MATRIX

Part A - Manufacturers

SUPPLIER CODE	SUPPLIER NAME	1	2	3	4	5	6	7	8	9	10	11
V00021	AF Aerospace	*										
V00032	Aim Aviation (Jecco)							*			*	
V02535	Attewell Ltd			*								
V07744	Avibank	*										
V00851	Blanc Aero Industries	*										
V03164	Blanc Aero Industries	*										
V08546	Blanc Aero Industries	*										
V00064	Brissco Signs & Graphics					*		*	*			
V01996	Busak & Shamban				*							
V00149	Dependable Springs		*									
V00419	Drallim Industries						*					
V00564 V00121	Dunlop Bestobell				*	*	*					
V00025	Dzus Fasteners	*										
V00321	Eaton Aerospace					*					*	
V00358	EG & G Ltd				*							
V00814	ESPA Products					*	*					
V00562	ETS Quinson	*			*		*					
V02631	Ford Components	*		*						*		
V00095	Freudenberg				*							
V05827	Greene, Tweed & Co				*							
V00175	Harborough Rubber				*							
V01498	HS Marston					*	*				*	
V00263	Icon Polymer Ltd				*	*						
V00044	James Walker & Co				*	*						
V00089	Kidde Graviner						*					

Part A – Manufacturers (Contd)

SUPPLIER CODE	SUPPLIER NAME	1	2	3	4	5	6	7	8	9	10	11
V00480	Linread Northbridge (Redditch)	*										
V00511	Linread Northbridge (Wigston)	*										
V00242	London Nameplate								*			
V01625	Permaswage										*	
V00056	Satair Hardware (Rochford)	*		*	*	*	*	*	*	*		
V01066	Senior Aerospace						*	*			*	
V00590	Shur Lok International	*								*		
V00057	SPS Technologies	*										
V00019	Trelleberg Sealing Solutions				*	*						
V02864	Vernier Springs		*									
V00314	United Moulders					*						

SECTION 2 – SUPPLIER DETAILS

A F Aerospace Tel: 01788 578431	Code V00021 Fax: 01788 540268	A F Aerospace Limited 2 Chariot Way Glebe Farm Industrial Estate Rugby Warwickshire CV21 1DA
Aerco Ltd Tel: 01403 260206	Code V00355 Fax: 01403 259760	Aerco Ltd 16/17 Lawson Hunt Industrial Park Broadbridge Heath Horsham RH12 3JR
Aim Aviation Tel: 01202 397388	Code V00032 Fax: 01202 398706	Aim Aviation (Jecco) Ltd Jecco House Boscombe Grove Road Bournemouth Dorset BH1 4PD
ASC Industries Tel: 187 640 1300	Code V00681 Fax: 187 649 2685	ASC Industries, Division of ASC International Inc PO Box 200728 1227 Corporate Drive West Arlington Texas 76006 USA
Attewell Ltd Tel: 0181 571 0055	Code V02535 Fax: 0181 571 7139	Attewell Ltd 4 Southbridge Way Southall Middlesex UB2 4BY
Avialec Ltd Tel: 01730-264825	Code V03649 Fax: 01730-264496	Avialec Ltd Avialec House Bedford Road Petersfield Business Park Petersfield GU32 3LJ
BAS Components Tel: 01732 741881	Code V00541 Fax: 01732 743166	BAS Components 2 Cramptons Road Sevenoaks Kent TN14 5DS

Blanc Aero Industries	Code V03164	Blanc Aero Industries UK Limited Butlers Leap Rugby Warwickshire CV21 3RQ
Tel: 01788 560916	Fax: 01788 568183	
Blanc Aero Industries	Code V00851	Blanc Aero Industries Tour Gamma A 193 Rue de Bercy 75582 Paris Cedex 12 France
Tel: 43 07 00115	Fax: 43-40-88-76	
Blanc Aero Industries	Code V08546	Blanc Aero Industries Ruw Jean-Vaurs 12200 Ville Franche De Rouergue France
Tel: 43 6545-1212	Fax: 43 6545-4702	
Brisco Signs & Graphics	Code V00064	Brisco Signs & Graphics Cater Road Bishopsworth Bristol Avon BS13 7TX
Tel: 0117 3113732	Fax: 0117 9647906	
Busak & Shamban	Code V01996	Busak & Shamban Americas 2531 Bremer Drive Fort Wayne Indiana 46803 U.S.A.
Tel: 001 260 749 7631	Fax: 001 260 749 4844	
Chase Walton Elastomers	Code V30203	Chase Walton Elastomers 29 Apsley Street Hudson Massachusetts 01749 U.S.A.
Tel: 001 978 562 0085	Fax: 001 978 562 5178	
Dependable Springs	Code V00149	Dependable Springs & Pressing Ltd Stewart Street Wolverhampton Staffordshire WV2 4JZ
Tel: 01902 420934	Fax: 01902 423453	
Drallim Industries	Code V00419	Drallim Industries Limited Millwood House Drury Lane, Ponswood Ind. Estate St Leonards on Sea East Sussex TN38 9BA
Tel: 01424 427427	Fax: 01424 446655	

Dunlop Bestobell	Code V00564 & V00121	Dunlop Bestobell Ashby Road Shepshed Loughborough Leicester LE12 9EQ
Tel: 01509 500000	Fax: 01509 500150	
Dzus Fasteners	Code V00025	Dzus Fasteners (Europe) Limited Farnham Trading Estate Farnham Surrey GU9 9PL
Tel: 01252 714422	Fax: 01252 712738	
Eaton Aerospace	Code V00321	Eaton Aerospace Broad Ground Road Lakeside Industrial Estate Redditch Worcestershire B98 8YS
Tel: 01527 517555	Fax: 01527 517556	
EG & G Ltd	Code V00358	EG & G Limited - Sealol Division Coronation Road High Wycombe Bucks HP12 3TP
Tel: 01494 451661	Fax: 01494 452425	
ESPA Products HB	Code V00814	ESPA Products HB 17 Rue Andre Boulle BP700 86107 Chatellerault France
Tel: 33 64 05 40 44	Fax: 33 64 05 38 76	
ETS Quinson	Code V00562	ETS H Quinson 6 Rue De Lens 92000 Nanterre Nanterre France
Tel: 0033 141 197630	Fax: 0033 147 825551	
Ex-Eltronics UK Ltd	Code V08484	Ex-Eltronics UK Ltd Grove House Greyslott, Hindhead Surrey GU26 6LE
Tel: 01428-606060	Fax: 01428-606593	
Ford Component	Code V02631	Ford Component Manufacturing Ltd Tyne Dock South Shields Tyne & Wear NE33 5ST
Tel: 0191 454 0141	Fax: 0191 456 0028	
Freudenberg	Code V00095	Freundenberg Technical Products LP Coast Road Wallsend Tyne and Wear NE28 9NR
Tel: 0191 262 4551	Fax: 0191 2634301	

Genelco Industries	Code V05603	Genelco Industries Ltd 90 13th Avenue Ronkonkoma New York 11716 USA
Tel: 001 631 981 6670	Fax: 001 631 981 7225	
Greene, Tweed & Co	Code V05827	Green, Tweed & Co Ltd Ruddington Fields, Ruddington Nottingham NG11 6JS
Tel: 01159 315777	Fax: 01159 315888	
Harborough Rubber Co	Code V00175	Harborough Rubber Co. Ltd Dainite Mills St Marys Road Market Harborough Leicester LE16 7EE
Tel: 01858 410610	Fax: 01858 410006	
HS Marston	Code V01498	HS Marston Aerospace Ltd Wobaston Road Fordhouses Wolverhampton West Midlands WV10 6QJ
Tel: 01902 572777	Fax: 01902 572888	
Honeywell Hardware Product Group	Code V21589	Honeywell Hardware Product Group The Stables Dovecote Court Potters Marston Leicester LE9 3JR
Tel: 01455 274267	Fax: 01455 274938	
Icon Polymer Ltd	Code V00263	Icon Polymer Ltd Thrumpton Lane Redford Notts DN22 6HH
Tel: 01777 706731	Fax: 01777 709739	
James Walker & Co	Code V00044	James Walker & Co. Ltd Lion Works Maybury Hill Woking Surrey GU22 8AP
Tel: 01483 757575	Fax: 01483 755711	
Kidde Graviner	Code V00089	Kidde Graviner Ltd Mathison Way Colnbrook Slough Berkshire
Tel: 01753 766256	Fax: 01753 685126	

Le Joint Francais	Code V00801	Le Joint Francais SNC (Special Products Division) 84-116 Rue Salvador Allende BP 16 95870 Bezons France
Tel: 33 134233423	Fax: 33 134233496	
Lee Products	Code V01900	Lee Products Ltd 3 High Street Chalfont St Peter Gerrards Cross Bucks SL9 9QE
Tel: 01753 886664	Fax: 01753 889588	
Linread Northbridge (Wigston)	Code V00511	Linread Northbridge Viking Road Wigston Leicester LE18 2BL
Tel: 01162 881192	Fax: 01162 812694	
Linread Northbridge (Redditch)	Code V00480	Linread Northbridge – Aircraft Products Division Crossgate Road Park Farm Industrial Estate Redditch Worcs B98 7TD
Tel: 01527 525719	Fax: 01527 526881	
Meggitt Aerospace (Avica)	Code V00013	Meggitt Aerospace Equipment (Avica) Ltd Boundary Way Hemel Hempstead Herts HP2 7SL
Tel: 01442 264711	Fax: 01442 230035	
Nicholsons Sealing Technologies Ltd	Code V01965	Nicholsons Sealing Technologies Ltd Hamsterley Newcastle Upon Tyne Tyne & Wear NE17 7SX
Tel: 01207 560515	Fax: 01207 561004	
Pattonair International	Code V01962	Pattonair International Ltd Kingsway Business Park Forsyth Road Sheerwater Woking Surrey GU21 5SA
Tel: 01483 774622	Fax: 01483 774606	
Permaswage SA	Code V01625	Permaswage SA Zone Industrielle Desdames BP25 783440 Les Clayes Sous Bois Cedex France
Tel: 0033 130 550120	Fax: 0033 134 810221	

Ryder Aviall	Code V07526	Ryder Aviall Aerospace BSP Div 1981-6 Boyden Road Mississauga Ontario K5S 1R9 Canada
Tel: 0101 416 6782316	Fax: 0101 416 6780746	
Satair Hardware (Rochford)	Code V00056	Satair Hardware (UK) Ltd 8 Purdey's Way Purdey Industrial Estate Rochford Essex SS4 1NA
Tel: 01702 202553	Fax: 01702 206248	
Satair Hardware (Shoreham)	Code V00060	Satair Hardware Group Shoreham Airport Shoreham by Sea West Sussex RN43 5FN
Tel: 01273 464046	Fax: 01273 464577	
Senior Aerospace	Code V01066	Senior Aerospace BWT Adlington Park, Adlington Ind. Estate Adlington Macclesfield Cheshire SK10 4NJ
Tel: 01625 870700	Fax: 01625 879472	
Shur-Lok International	Code V00590	Shur-Lok International SA Parc Industriel De Et A B-4800 Petit-Rechain Belgium
Tel: 32 8732011	Fax: 202 891590	
SPS Technologies	Code V00057	SPS Technologies Ltd - T J Brooks Division 191 Barkby Road Troon Industrial Area Leicester Leicestershire LE4 7HX
Tel: 01162 768261	Fax: 01162 740243	
Southern United Ltd	Code V20561	Southern United Ltd The Coachhouse South Street Portslade Brighton East Sussex BN41 2LW
Tel: 01273 418636	Fax: 01273 ?	
The London Nameplate	Code V00242	The London Name Plate Manufacturing Co. Ltd Main Works Sussex Street Brighton Sussex BN2 2HH
Tel: 01273 607025	Fax: 01273 571214	

Trelleberg Sealing Solutions Code V00019 Tel: 01684 299111 Fax: 01684 297947	Trelleberg Sealing Solutions Ashchurch Tewkesbury Gloucester GL20 8JS
United Moulders Code V00314 Tel: 01420 86616 Fax: 01420 85941	United Moulders Ltd Vann Lane Caker Stream Road Alton Hampshire GU34 2PL
Vernier Springs & Pressings Code V02864 Tel: 01527 582950 Fax: 01527 584614	Vernier Springs & Pressings Limited Edward Street Redditch Worcestershire B97 6HA
Wagon Automotive Code V00517 Tel: 01527 504500 Fax: 0121 500 6158	Wagon Automotive (SS & P) Spring Road Smethwick Warley West Midlands B66 1PF
Wesco Aircraft (UK) Ltd Code V21496 Tel: 01484 867701 Fax: 01484 867711	Wesco Aircraft (UK) Ltd Park Mill Way Clayton West Huddersfield West Yorkshire HD8 9XJ