

PACKING LIST & CERTIFICATION

SPS
TECHNOLOGIES
1702

PREVENT FRAUD

Any alteration or misuse of this certificate, or any unauthorized rework or modification of the identified products voids all manufacturer's warranties, and may lead to civil damages and/or criminal penalties. To prevent fraud, check for the original embossed seal on the certification.

CUSTOMER NBR 01-0001-00852356-0001

WENCOR WEST INC
1535 N. 1100 W.
SOUTH BLDG. WEST DOCK 283
SPRINGVILLE, UT 84663

WENCOR WEST INC
P. O. BOX 514
SPRINGVILLE, UT 84663-0514

PUBLISHED 05/13/13

P/S # 092345001

SPS TECHNOLOGIES
HIGHLAND AVE.
JENKINTOWN, PA 19046
DATE SHIPPED:

ORDER NBR 092345-001

ORDER DATE 01/15/13

PAGE 1

CLAIMS FOR GOODS MUST BE MADE ON RECEIPT OF GOODS.
ALL GOODS SHIPPED AT BUYER'S RISK.
NO MATERIAL ACCEPTED FOR RETURN WITHOUT OUR PERMISSION.

E54903

CUSTOMER P.O.	TERMS	SHIP FROM	SCHEDULE DATE
SK3AC5BFS	NET 30 DAYS	AI	07/10/13
CARRIER NBR	CARRIER NBR	REG	REQ DATE
SEE REMARKS BELOW	COLLECT	2752	07/10/13
PRODUCT CODE	QUANTITY	UNIT PRICE	ACT QTY
001 0618976	HL93-6	12500	4589

HL93-6

T50-C148 APPROVED FOR JK

ALL GROUND SHIPMENT MUST SHIP FED EX-EXPRESS

SAVER ACCT # 1141-5058-4 FOR ALL SHIPMENTS OF

1-150 LBS. COVER 150 LBS. USE FEDERAL EXPRESS

FREIGHT SERVICE

DO NOT INCL. DECLARED VALUE OR INSURANCE ON SHIP

HONEYWELL SUPPLY QUAL REQ QP-316 REV K

ELASTOMERIC PARTS NO OLDER THAN 4 QTRS

LUBRICATED BEARINGS MUST HAVE MIN. 75% LIFE REMAINING

FULL TRACE CERTS ON ALL ITEMS NO SURPLUS PARTS

FAA 8130-3 REQD ON ALL PNA & TSO PARTS

MARK PER FAA REQ.

BUYER: SCOTT CHRISTENSEN/JHJ

TOTAL QUANTITY: TWO SHIPMENTS OF 12,500 PCS EACH

1ST SHIPMENT 7/10/2013, 2ND SHIPMENT 10/15/2013

JHJ

LOT NO.	CERTIFICATION OF CONFORMANCE				QUALITY ASSURANCE	DATE
QUANTITY	THE PRODUCTS IDENTIFIED ON THIS CERTIFICATE HAVE BEEN MANUFACTURED, TESTED AND INSPECTED IN ACCORDANCE WITH, AND UNLESS OTHERWISE NOTED BELOW, CONFORM TO ALL APPLICABLE DRAWINGS, SPECIFICATIONS AND/OR STANDARDS. COMPLETE REPORTS OF PHYSICAL AND CHEMICAL TESTS ARE ON FILE FOR ON-SITE INSPECTION. SINGLE ELEMENT TESTING HAS BEEN PERFORMED WHERE REQUIRED.				Isabelle A. Clark	
LOT TRACE NO.	BOXES	PREP	COLL	CARRIER	BILL OF LADING	MAY 14 2013
FREIGHT RECORD	WEIGHT					

3003 REV. 8/05



CERTIFICATE of TEST

E54903



Plan Date	Trace No.
03/05/2013	ET672
Cert. Date	Mfg. Lot
05/14/2013	
SPS Technologies Highland Avenue Jenkintown, Pennsylvania 19046	
Telephone	CAGE
215-572-3000	56878

CERTIFICATION

The products identified on this certificate have been manufactured, tested and inspected in accordance with, and unless otherwise noted below, conform in all respects to the applicable drawings, specifications and/or standards. Complete reports of physical and chemical tests are on file for on-site examination. This certification relates only to the items tested and must not be reproduced except in full.

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Customer Name and Address		Customer Purchase Order		Dated		Shipper No.	
WENCOR WEST INC 1535 N. 1100 W. SOUTH BLDG. WEST DOCK 2&3 SPRINGVILLE,, UT 84663		SK3AC5BFS		01/15/2013		092345001	
Procurement Spec.		Part No.		Rev.		Insp. Lot Qty	
HI-SHEAR 345		HL93-6		15		29589	
Material Spec.		Type Part		Marking		Shop Order	
AMS 5640 TYPE 2		COLLAR				4589	
Non-Destructive Spec.		Part Description				Release	
ASTM E1417 SAMPLE		HL93-6 (#10-32)				0618976 400	
SURFACE SPEC.		Type Material		Steel Date		Material Supplier	
HI-SHEAR 305		303 S/S {SE}		KM354P		CARTECH	
Other Specs.		PLATING SPEC.		Rev.		Mill Heat No.	
		AMS-QQ-P-416, TY II, CL2		C		566440	
Material Conditioning							

% CHEMICAL COMPOSITION OF METAL, BASED ON MILL REPORT OF RAW MATERIAL

C .04	CR 17.42	CU .31	MN .78	MO .2
NI 9.49	P .14	S .01	SE .3	SI .54

FINISH PART TENSILE

SAMPLE: 10

MINIMUM U/M
2750 LBS

POUNDS	4227	4297	4268	4285	4225
LOCATION	THREADS	THREADS	THREADS	THREADS	THREADS
POUNDS	4417	4304	4301	4367	4357
LOCATION	THREADS	THREADS	THREADS	THREADS	THREADS

Isabelle A. Clark

Isabelle A. Clark
Quality Assurance Representative



CERTIFICATE of TEST

Plan Date	Trace No.
03/05/2013	ET672
Cert. Date	Mfg. Lot
05/14/2013	

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Customer Name and Address WENCOR WEST INC 1535 N. 1100 W. SOUTH BLDG. WEST DOCK 2&3 SPRINGVILLE,, UT 84663		Customer Purchase Order SK3AC5BFS	Dated 01/15/2013	Shipper No. 092345001
Part No. HL93-6	Rev. 15	Insp. Lot Qty 29589	Ship Qty 4589	
Type Part COLLAR	Marking	Shop Order 0618976	Release 400	
Procurement Spec. HI-SHEAR 345	Rev. N	Part Description HL93-6 (#10-32)		

SAMPLE: 5

MICRO

ETCHANT PWA KALLINGS
MAGNIFICATION 100X 200X
SPECIMEN NUMBER ET672
MATERIAL LOCATION LONGITUDINAL CROSS SECTION
REFERENCE STANDARD HL 345

METALLURGICAL RESULTS SATISFACTORY

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ALLOY VERIFICATION HAS BEEN PERFORMED

DATE MANUFACTURED 02/25/2013

PRELOAD

SAMPLE: 10

PRELOAD
MINIMUM
1100 LBS

POUNDS	1830	1805	1730	1540	2010
POUNDS	1725	1725	1885	2035	1805

TORQUE OFF

SAMPLE: 10

MINIMUM MAXIMUM
40 50 ILB

INCH POUNDS	45.3	45.3	42.7	41.8	45.5
INCH POUNDS	43.4	40.2	44	43	42.1

Isabelle A. Clark

Isabelle A. Clark
Quality Assurance Representative



CERTIFICATE of TEST

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Customer Name and Address		Customer Purchase Order	Dated	Shipper No.
WENCOR WEST INC		SK3AC5BFS	01/15/2013	092345001
1535 N. 1100 W.		Part No.	Rev.	Insp. Lot Qty
SOUTH BLDG. WEST DOCK 2&3		HL93-6	15	29589
SPRINGVILLE,, UT 84663		Type Part	Marking	Ship Qty
		COLLAR		4589
Procurement Spec.		Part Description	Shop Order	Release
HI-SHEAR 345		HL93-6 (#10-32)	0618976	400
Rev.				
N				

LOCKING TORQUE

SAMPLE: 10

E54903		CYCLE ##	1ST
		MAX ILB	12.0
		MIN ILB	2.0
		1ST CYC MAX	7.3
		1ST CYC MIN	6.4
		1ST CYC MAX	7.5
		1ST CYC MIN	6.6

SAMPLE: 12

PLATING (THICKNESS)

ANALYSIS METHOD X-RAY

SATISFACTORY

SALT SPRAY TEST MEETS THE REQUIREMENTS OF AMS-QQ-P-416 TYPE II AND CONSIDERED A PERIODIC TEST.

THREADS PER AS8879 REV D

THE CONDITIONS AND TESTS REQUIRED FOR TSO APPROVAL OF THIS ARTICLE ARE MINIMUM PERFORMANCE STANDARDS. THOSE INSTALLING THIS ARTICLE EITHER ON OR WITHIN A SPECIFIC TYPE OR CLASS OF AIRCRAFT MUST DETERMINE THAT THE AIRCRAFT INSTALLATION CONDITIONS ARE WITHIN THE TSO STANDARDS WHICH INCLUDE ANY ACCEPTED INTEGRATED NON-TSO FUNCTION STANDARDS. TSO ARTICLES & ANY ACCEPTED INTEGRATED NON-TSO FUNCTION(S) MUST HAVE SEPARATE APPROVAL FOR INSTALLATION IN AN AIRCRAFT. THE ARTICLE MAY BE INSTALLED ONLY ACCORDING TO 14 CFR PART 43 OR THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

IF APPLICABLE, MATERIAL IS DFARS 252.225-7009 (FORMERLY 252.225.7014, ALT 1) COMPLIANT

Isabelle A. Clark
Quality Assurance Representative

Wencor, LLC

416 Dividend Dr.
Peachtree City, GA 30269
Phone: (678)490-0140 Fax: (770)632-7635
sales@wencor.com

PACKING LIST
CERTIFICATE OF CONFORMANCE
NUMBER: B5D5RF0

Date: 3/24/16
Page: 1

PO : *CP15809*				Inv.: *B5D5RF0*					
CUSTOMER P.O. #	SHIP VIA	TERMS	BILL OF LADING NUMBER	WEIGHT	CARTONS	SALES REPRESENTATIVE			
CP15809	DHW	N60	*SEE CONSOLIDATION INVOICE*****	.00		Iza Best			
Ship To: A.J.WALTER (AVIATION) LTD LOGISTICS CENTRE, THE BUSINESS PARK, MAYDWELL AVENUE, WEST SUSSEX, SLINFOLD RH13 0AS, UK, 00000			Account # AJW500		Bill To: AJ WALTER AVIATION LTD THE HEADQUARTERS MAYDWELL AVE SLINFOLD WEST SUSSEX RH13 0AS 011-44-1403712125				
Ship Line Num.	Part Number	Description	Quantity Ordered	Quantity This Shipment	Quantity Backorder	Manufacturer CAGE	Batch Number	Manufacture, Lube, Cure or Expiration Date	Document Control Number
1	EN6131-3C1	NUT, CLIP, MUTTER	300	300		62063	A042215	Mfg. 5/05/15	G31357
2	EN6131-3C2	NUT, CLIP, MUTTER	200	200		62063	A2091415	Mfg. 8/01/15	G77292
3	HL93-6	COLLAR, HI-LOK	100	100		56878	ET672		E54903
4	M25988-4-215	O-RING	50	50		70106	1506801	Cure 1q2015	G32700
5	M25988-4-226	O-RING	50	50		70106	1504101	Cure 1q2015	G18400

packlist07/01/01

WE CERTIFY THAT THE ITEMS FURNISHED ON THIS ORDER CONFORM TO THE REQUIREMENTS DETAILED IN THE CONTRACT OR PURCHASE ORDER. EVIDENCE OF CONFORMANCE IS ON FILE WITH US OR OUR SUPPLIERS (SUBJECT TO EXAMINATION).

UNLESS SPECIFIED, ITEMS ARE IN NEW, UNUSED CONDITION AND ARE TRACEABLE TO THE MANUFACTURER.

WHILE STORED IN OUR FACILITY, PRODUCTS ARE NOT EXPOSED TO MERCURY.

IT IS THE RESPONSIBILITY OF THE END USER/INSTALLER TO CONFIRM THE AIRWORTHINESS AND ACCEPTABILITY OF THE PARTS FOR INSTALLATION.



SHIPPER

IT IS YOUR RESPONSIBILITY TO OBTAIN A VALIDATED EXPORT LICENSE FOR THIS MATERIAL FROM THE DEPARTMENT OF STATE OR THE DEPARTMENT OF COMMERCE IF SO REQUIRED UNDER THE APPLICABLE U.S. GOVERNMENT EXPORT CONTROL REGULATION. THE ABOVE MATERIAL IS NOT TO BE SHIPPED TO ANY COUNTRY THAT HAS AN EMBARGO PLACED ON IT BY THE U.S. GOVERNMENT.