



CAUSALE TRASPORTO / TERMS OF DELIVERY					CLIENTE / CUSTOMER	MEZZO DI SPEDIZIONE / METHOD OF SHIPMENT	INCOTERMS	DATA UM / DATE GI	PAG. / PAGE
REPAIR VENDITA					50002919		EXW - Ex Works		1 / 1 NT
COMM. / ORDER	ITEM	PART NUMBER	U.M.	QUANTITY	PARTITA / BATCH	SERIAL	SCAD. / EXP	N.S.N.	
20205266 000020	20 C1	REF. KSMT-R0913 DATE 07.05.2015 3G2910V00133 HYDRAULIC POWER SUPPLY	N	1,000	0001865801	CN626			
<p>Certificate of Conformance. Maintenance and repair works on parts and/or appliances listed in this Packing List, have been accomplished by authorised Maintenance Organizations as reported in the respective Authorised Release Certificate (ARC). All parts and/or appliances documentation checks, packaging checks, picking, handling and storage tasks performed at AgustaWestland premises, have been managed in compliance with AgustaWestland SpA Quality System requirements in place.</p> <p>MATERIAL OF YOUR PROPERTY BEING RETURNED REPAIRED</p>									
CONFEZIONE / PACKING			PESO LORDO / GROSS WEIGHT		PESO NETTO / NET WEIGHT			DIMENSIONI / DIMENSIONS	
PARCEL			4,800 KG		3,200 KG			40x40x40 CM	



0070556170

PRIORITA'/PRIORITY 02 URG




CUENTE / CUSTOMER					SPEDITO A / SHIPPED TO				
KESUMA TECHNOLOGY SDN BHD C-10-3A, BLOCK C, NO. 2, JALAN PJU 1A/7A, OASIS SQUARE, 47301 OASIS DAMANSARA, PETALING JAYA MALAYSIA					KESUMA TECHNOLOGY SDN.BHD C-10-3A, BLOCK C NO. 2, JALAN PJU 1A/7A OASIS SQUARE, OASIS DAMANSARA 47301 PETALING JAYA, SELANGOR MALAYSIA				
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0020556170

PRIORITA' / PRIORITY 02 URG

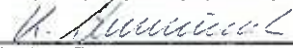
1. Approving Competent Authority / Country  LUFTFAHRT-BUNDESAMT Germany	2. <b>AUTHORISED RELEASE CERTIFICATE EASA FORM 1</b>	3. Form Tracking Number  S985457 -1
4. ORGANISATION NAME AND ADDRESS: 	<b>Parker Hannifin Manufacturing Germany GmbH &amp; Co. KG</b> Zweigniederlassung Wiesbaden Lorenz-Schott-Straße 9 55252 Mainz-Kastel / Germany	5. WORK ORDER/CONTRACT/INVOICE  4801130077 ITEM 10

6. ITEM	7. DESCRIPTION	8. PART NO.	9. QUANTITY	10. SERIAL NO.	11. STATUS/WORK
1	AP1.5V-07-02	3G2910V00133	1	CN 626	REPAIRED

12. REMARKS:

Repaired Per: CMM# 29-11-01, REV. 2 10/28/2013  
 Tested Per: CMM# 29-11-01, REV. 2 10-28-2013  
 Note: Mfg.-Date: 02/2010, Parker P/N 4218402, TT: 1200,8 hours.

*The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR Part 43 and in respect to that work, the items are approved for return to service under certificate no. P2KY734J.*

13a. Certifies that the items identified above were manufactured in conformity to : <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12		14a. <input checked="" type="checkbox"/> Part 145.A.50 RELEASE TO SERVICE <input checked="" type="checkbox"/> OTHER REGULATION SPECIFIED IN BLOCK 12  Certifies that unless otherwise specified in Block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.	
13b. AUTHORISED SIGNATURE	13c. APPROVAL/AUTHORISATION NUMBER DE.21G.0257	14b. AUTHORISED SIGNATURE  Auth. No. 05	14c. CERTIFICATE/APPROVAL REF. NO. DE.145.0482
13d. NAME	13e. DATE (dd mmm yyyy)	14d. NAME Karl-Heinz Schumacher	14e. DATE (dd mmm yyyy): 30/Jul/2015

**User/Installer Responsibilities**

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in Block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



# CONDITION REPORT

Customer Support

F.A.A. CERTIFIED

REPAIR STATION NO. FAA: P2KY734J/EASA: DE.145.0482

CUSTOMER		CUSTOMER P.O.		W.O. DATE	W.O. NUMBER	
AGUSTAWESTLAND S.P.A		4801130077 ITEM 10		6/24/2015	S985457	
P/N Shipped	NOMENCLATURE			QUANTITY	S/N REC.	S/N RET.
4218402	AP1.5V-07-02			1	CN 626	CN 626
TSN:	TSI:	TSO:	TSR:	TT: 1200.8		
CSN:	CSI:	CSO:	CSR:			

Part Number Shipped: 4218402; Part Number Received: 4218402;

## REASON FOR RETURN:

Repair cas message 2 hyd pump illuminate

## RECEIVING TEST FAILURES; INSPECTION FAILURES:

### findings:

- : 45332 SHAFT-EXT DRIVE, ; spline worn
- : 42624 SEAL NOSE, ; Drive flats and its chrome plating worn
- : 45331 SHAFT-INT DRIVE, ; spline worn
- : 41683 SCREW-ADJUSTING, ; inner surface worn
- : 44334 BARREL-CYLINDER, ; Piston bore oversize / scratched
- : 44380 PISTON-STROKING (LARGE), ; Flow too high

EDS was pushed into IDS. By this the upper side of the EDS spline was not in contact with the IDS spline due to its relief groove

## ACTION TAKEN: Repair

All above parts and related software have been replaced, repaired, or reworked.

P/N 4218402 Ref. Agusta Westland P/N 3G2910V00133

Repaired Per: CMM# 29-11-01, REV. 2 10/28/2013

Tested Per: CMM# 29-11-01, REV. 2 10-28-2013

## SERVICE BULLETINS:

Quality Assurance/Repairman

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.



**ACCEPTANCE TEST REPORT**

MODEL NO.: AP1.5V-07-02 S/O: S985457  
 PART NO.: 4218402 MOD. STATUS: /  
 SERIAL NO.: CN626 TEST STAND NO.: 12

PAGE	PARA	TEST/CHECK PERFORMED	TESTER	DATE
107	F1	Hand Torque Test	lij	27.7.15
107	F2	Leakage Test	Schmidt	28.07.15
		Shaft Seal Leakage Maximum 1 Drop in 10 Minutes		
107	F3	Break-In Run Test	Schmidt	28.07.15
109	F4	Proof Pressure Test and Overspeed Run Test	Schmidt	28.07.15
109	F5	Functional Test	Schmidt	28.07.15
110	F6	Pressure Control Test	Schmidt	28.07.15
111	F7	Calibration Test	Schmidt	28.07.15
		Inlet Pressure (1,5 ± 0,5 bar)	1.4	bar
		Inlet Temperature (80 ± 5,5°C)	79	°C

Speed ± 30rpm	Discharge Pressure (bar)	Discharge Flow (l/min)	Case Pressure (bar)	Case Flow (l/min)	Torque (Nm)
7731	<u>196.8</u> (196,0 min)	<u>30.18</u> (30,0 – 30,5)	<u>1.5</u> (1,0 – 2,0)	<u>0.37</u> (1,9 max)	<u>13.6</u> (15,5 max)
7731	<u>208.0</u> (205,3 – 208,7)	0	<u>1.7</u> (1,0 – 2,0)	<u>1.17</u> (3,0 max)	<u>0.7</u> (3,0 max)
9111	<u>196.4</u> (196,0 min)	<u>35.30</u> (35,0 – 36,0)	<u>1.5</u> (1,0 – 2,0)	<u>0.53</u> (1,9 max)	<u>13.7</u> (15,5 max)
9111	<u>208.5</u> (205,3 – 208,7)	0	<u>1.8</u> (1,0 – 2,0)	<u>1.37</u> (3,0 max)	<u>0.8</u> (3,0 max)





# LOG CARD

Sezione 1

NOTICE: WHEN THIS ASSY IS RETURNED FOR ANY REASON TO AN AGUSTA GROUP FACILITY, PLEASE SEND THIS FORM UPDATED.

Chapter n° .....  
Part n° .....

DESCRIPTION (1) <b>HYDRAULIC POWER SUPPLY</b>	P/N (2) <b>3G2910V00133</b>	S/N (3) <b>CN626</b>	MANUFACTURER NAME (4) <b>PARKER</b>	ASSEMBLY DATE (5) <b>02/2010</b>	RETIREMENT LIFE (6)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)

NOTES (12)

LOG CARD REISSUED DUE TO UNAVAILABILITY OF THE PREVIOUS ONE.

## ASSEMBLY HISTORICAL RECORD

INSTALLATION							REMOVAL						
DATE (13)	A/C		ASSY		ORGANIZATION (19)	STAMP AND SIGNATURE (20)	DATE (21)	A/C TOTAL TIME (22)	ASSY		REASON OF REMOVAL (25)	ORGANIZATION (26)	STAMP AND SIGNATURE (27)
	R. MARKS (14)	N/C (15)	TOTAL TIME (16)	TOTAL TIME (17)					TIME SINCE OH (18)	TOTAL TIME (23)			
				1200:8	/								









