

1. Approving Civil Aviation Authority/Country:

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

H153920

4. Organization Name and Address:

Genesis Aviation, Inc.  
FAA Repair Sta. G3NR788J-ACC. 1,2,3 Radio 1,2 LTD Radio/ NDT  
EASA 145.4483  
108 Landmark Dr.  
Greensboro, NC 27409

5. Work Order/Contract/Invoice Number:

H153920

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work Order ID

1. HYD TRANSFER UNIT

63169

1.00

275110A

OVERHAUL ID

### 12. REMARKS

Manufacturer: PARKER  
Manuf. Tech. Data = 29-15-01  
Rev = 14  
Rev. Date = 1/19/2017

A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE UNDER THE WORK ORDER NUMBER INDICATED IN BLOCK 5. THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4483.

Note

N/A

13a. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 12

14a.  14.14.14.19 Ref. Item to Service

Certifies that the work specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations part 43 and in respect to that work, the items are approved for return to service.

Other regulation specified in Block 12

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

JAMES CORUM

G3NR788J

20-MAR-2019

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in block 1. Statements in block 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.

# Genesis Aviation, Inc.

FAA Repair Sta. G3NR788J, EASA 145 4483  
 ACC 1,2,3 RADIO 1,2 LTD RADIO, NDT  
 108 Landmark Dr. Greensboro, NC 27409  
 Tel: 336-605-8000  
 Fax: 336-605-7099


**Work Order: H153920**  
 Customer RO #: 110871  
 Entry Date: 1/28/2019  
 Due Date: 1/28/2019  
 GAI Form 1 Rev. 3 Date 01/27/2016

## Work Order Teardown/ Receiving Report

**To:**  
 ATTN: JO HUTCHESON\*\*\*\*\*  
 BURWOOD AVIATION SUPPLIES LTD.  
 8 BESSERMER CLOSE  
 EBBLAKE INDUSTRIAL ESTATE  
 VERWOOD, DORSET, BH31 6AZ UK  
 Phone #: 1-011-44-1202-825434 E-mail: JOH@BURWOOD.AERO  
 Fax #: 1-011-44-1202-823416 Terms: Label14

**Ship To:**  
 BURWOOD AVIATION SUPPLIES LTD.  
 8 BESSERMER CLOSE  
 EBBLAKE INDUSTRIAL ESTATE  
 VERWOOD, DORSET, BH31 6AZ ENGLAND

PN : 63169 Desc: HYD TRANSFER UNIT Mfg: PARKER Trace: N/A  
 Qty: 1.00 Serial Number : 275110A Condition Received : AR Warranty: No  
 Comments : N/A PRIORITY : Routine Work Requested : OVERHAUL  
 Customer Complaint: N/A



**Manual Information:** Manuf. Tech. Data: = 29-15-01 AD: CW  N/A   
 Rev. # = 14 Rev. Date = 1/19/2017 A/C Tail #: RO Verified:   
 Condition Released : OH Tag Date : 20-MAR-2019 NDT App: YES Test Records App: NO TV PSY

**Customer Complaint/Special Requirements:**  
 REASON FOR REMOVAL: NON-STATED.

**Faults:**  
**PRELIMINARY FINDINGS:**  
 TESTED AND INSPECTED UNIT, FOUND LEAKING AT MOTOR PORT CAP AND HOUSING SEALS. CASE FLOW EXCESSIVE. RECEIVED WITH NHA PARTS.  
 HIDDEN DAMAGE INSPECTION: N/A.

**TEARDOWN FINDINGS:**  
 DISASSEMBLED, CLEANED AND INSPECTED UNIT, FOUND: SEALS FLAT AND WORN. SHAFT SLEEVE DAMAGED. WASHER MISSING. MISC HARDWARE AND PORT CAPS WORN THROUGH CAD. MINOR SCORING ON PORT CAPS, MATING FACE SEALS, NOSE SEALS AND CYLINDER BARRIERS.

**Corrective Actions:**  
 DRESSED SCORING. PLATED PORT CAPS AND MISC HARDWARE. REPLACED ALL WORN, MISSING AND DEFECTIVE PARTS. ASSEMBLED AND TESTED UNIT I/A/W MANUFACTURER'S SPECIFICATIONS.  
 FINAL WORKSCOPE: OVERHAULED I/A/W MANUFACTURER'S SPECIFICATIONS.  
 MOTOR P/N: 63170 S/N: 274288  
 PUMP P/N: 63171 S/N: 275111A  
 NOTE: NHA PARTS RETURNED AS IS.

Authorized RTS Signature:  

Preliminary Inspection:	Tech: <u>J. Beasley</u>	Date: <u>1-29-19</u>
	Inspector: <u>A. Spencer</u>	Date: <u>1-29-19</u>
Tear Down Findings:	Tech: <u>J. Beasley</u>	Date: <u>2-1-19</u>
	Inspector: <u>A. Spencer</u>	Date: <u>2-1-19</u>
Corrective Action / Final Inspection	Tech: <u>J. Beasley</u>	Date: <u>3-20-19</u>
	Inspector: <u>A. Spencer</u>	Date: <u>3-20-19</u>

