

Date: August 23<sup>rd</sup> 2012  
Helicopter Model: Hughes 369A, S/N 1180900  
Registration: N368PD  
Hobbs Meter: 99.0 hrs  
Airframe Total Time: 6528.7 hrs. / Total Torque Events: 6582  
Engine Total Time: 1794.5 hrs, TSO: New, Engine Cycles: 4314

Rotor Resources LLC  
Hiram, GA. 30141  
FAA Certified Repair Station 11RR014B

Complied with the Following Inspections:

- Complied with Airframe 100-hour /Annual Inspection in accordance with MDHI, 369H Series, CSP-H-4 App. B, Section 05-20-00, Table 1.
- Performed a 300 hr. airframe inspection in accordance with MDHI, 369H Series, CSP-H-4, App. B, Section 05-20-10, Table 1.
- Complied with 600 Hour or 1 year IAW current MDHI 369H Series, CSP-H-4, App. B, Section 05-20-20, Table 1.
- Complied with Yearly Inspections (1-Year Items) IAW current MDHI, 369H Series, CSP-H-4, App. B, Section 05-20-15, Table 1.
- 2-Year or 2770 Hours, Special Inspections Items per MDHI, 369H Series, CSP-H-4, App. B, Section 05-20-20.
- Complied with AD86-20-07 Para. (b), (HN-173 Para3. PART II). Daily inspection of the Tail Rotor Coupling Fail Safe Device. No defects noted. Next compliance due: "Daily"
- Complied with AD74-20-04 (HN-73) Visual Inspection of M/R Blades. No defects noted, next compliance due (100 hr) @ 6628.7 hrs).
- AD2004-26-09 Compressor Adapter Coupling replacement does not to the installed P/N compressor, no further action required.
- Complied with SB 369H-251 "Replacement of Mobil SHC 626 with Mobil AGL" for T/R & M/R Gearboxes.
- Complied with 100hr/annual inspections per the following ICA requirements, 368PD-AA22-ICA, 368PD-PTC-3-ICA, 368PD-KX165-ICA, 368PD-GNS-430-ICA, 368PD-AMS44-ICA, 368PD-BMS-ICA, 368PD-FLIR-ICA, 368PD-HIS-ICA, 368PD-KR22-ICA, 368PD-XTL5000-ICA, 368PD-TRA3000-ICA AND 1500EFS ICA-1.

Maintenance or Repairs accomplished:

- M/R Transmission & T/R Gearbox oil drained flushed and filter replaced with new P/N RD17684, Serviced transmission with Mobil AGL626 oil. Next service due August 2013 or 600hrs @ 7128.2 hrs. work per MDHI CSP-H-2, Section 12-00-00.
- Removed and replaced M/R Collective Pitch Mixer Bellcrank assy w/new p/n 369N2664-501 IAW current MDHI CSP-H-2 Chapter 7, para. 45.0
- Replaced M/R Swashplate assembly with -0- TSO Unit P/N 369A7609-501, S/N 6146 w/new (-0-TSN) bearing P/N 369D27012-5, S/N 570-4478. Work accomplished per MDHI, CSP-H-2, chapter 7, para. 44.
- Removed and replaced M/R lower boot IAW current MDHI CSP-H-2 Section 7 Paragraph 25 A&B.
- Complied with 2 Year repack of M/R Hub Bearings & T/R pitch control IAW current MDHI CSP-H-2 Chapter 05-20-20. and Chapter 7, para 253.0
- Removed and replaced worn rubber seals p/n MRM000358 IAW current MDHI CSP-H-2 Section 6 Paragraph 17 Page 618 Fig 6-5
- Removed and replaced center windshield P/N 369-3502-20H6 IAW current MDHI CSP-H-2 Section 3 and CSP-H-6 Section 2.
- Re-Rigged Cabin Heater IAW current MDHI CSP-H-3 group 6 Paragraph 6-28.
- Removed and Replaced Comm 1 & 2 antennas, coax cables and connectors IAW HMI-APX A 369H Section 7.
- Removed and replaced Dampers P/N 369A6350 S/N's HT11789-7 and HT11361-3 IAW current MDHI CSP-H-2 Section 6.
- Applied new sealant to M/R Blade "Blue" abrasion strip.
- Removed and replaced unserviceable Exhaust Hanger assy P/N 369X8236 IAW current MDHI CSP-H-2 Section 15 Paragraphs 2 A&B Page 15-1.
- Removed and Replaced 2 sets of Seat Belts & Shoulder Harnesses P/N's 369H6514-17 and 501855-405-2251 IAW current MDHI CSP-H-2 Section 4 Paragraph 3A Pages 4 & 5.
- Installed new Engine Oil Placard P/N 369H6615-127.
- Installed new hardware on Oil Cooler Duct IAW current MDHI CSP-H-2 Section 13 Para 9 a&b Pg 13-6.
- Tightened Oil Cooler ducting in the engine bay IAW current MDHI CSP-H-2 Section 13 Para 15b Pg 13-9.
- Tail Rotor balance checked @ .02 ips
- Helicopter ran, leak checked & operationally tested good.

MODEL: Hughes 369A (OH-6) S/N: 1180900 REGISTRATION: N368PD

This aircraft, airframe, aircraft engine or appliance 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 station 11RR014B under

Work Order NO: 1984 Date: August 23<sup>rd</sup> 2012 Signed: \_\_\_\_\_

9/6/2012

Registration: N368PD

Helicopter Model: Hughes 369A, S/N: 1180900

Hobbs Meter: 99.0, Airframe Total Time: 6528.2 hrs.

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Installed STC SH292680 Flir forward quick mount kit in accordance with report no. AA-90046 Rev E June 26, 1998. RFM supplement report no. AA-90048 rev A dated December 5, 1991 installed in the rotorcraft flight manual. Wt and Balance culculated and records updated. Removed Paravion Technology quick disconnect mount kit STC SR0006DE

MODEL: OH-6/369A S/N: 1180900 REG# N368PD

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Work Order NO: 2003 Date: 9/6/2012 Signed: \_\_\_\_\_



August 23<sup>rd</sup> 2012

**Registration: N368PD**

Helicopter Model: Hughes 369A, S/N: 1180900

Hobbs Meter: 99.0, Airframe Total Time: 6528.2 hrs.

**Engine S/N: AE-405966**

Engine Total Time: 1794.5 hrs. Engine TSO: New

Engine Total Cycles: 4314

**Rotor Resources LLC**

**FAA Certified Repair Station No. 11RR014B**

**Hiram, GA. 30141**

- Complied with engine assembly 100-Hour 300-Hour Annual inspection per Rolls-Royce 250-C20, OMM, Section 72-00-00.
- Removed and Replaced Starter-Generator and Fuel control drive pad seal P/N 23079054 IAW current RR250-C20 Series OMM, Chapter 72-60-00 Paragraph 2(c) and 2(g) Page 234.
- Adjusted Fuel Control IAW current RR250-C20 Series Operation & Maintenance Manual Chapter 73-20-02 Paragraph 3 Page 206.
- Removed and Replaced Fuel Control rod end bearing IAW current RR250 C20 Series OMM, Chapter 73-20-05 Paragraphs 2(a) & (b).
- Drained engine oil and serviced with BP 2380.
- Sump oil flow checked @ 125cc.
- Complied with compressor wash.

MODEL **Rolls-Royce 250-C20C** S/N: **AE-405966** REG# **N368PD**

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Work Order NO.: **1984** Date: **August 23<sup>rd</sup> 2012** Signed: \_\_\_\_\_