

5-3-2013


N94PH

S/N 2809

4407.8 TACH

TT 13635.2

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. PERFORMED INSPECTION IN ACCORDANCE WITH BELL HELICOPTER INSPECTION GUIDE. RETORQUED T/R GEARBOX MOUNT. CHANGED OIL IN T/R GEARBOX. RESERVICED WITH MOBIL JET II OIL. INSPECTED & TESTED T/R GEARBOX CHIP DETECTOR. REINSTALLED WITH NEW PACKING P/N M83248/1-011. REMOVED T/R HUB AND BLADE ASSY FOR BLADE REPLACEMENT, BLADES ERODED EXCESSIVELY AT TIPS. REMOVED T/R BLADES P/N 206-016-201-135 S/N CS-16624 & S/N CS-19438 (TSN 1852.3). INSTALLED NEW T/R BLADES P/N 206-016-201-135, S/N CS-20349 & S/N CS-20350 (TSN 0.0). PERFORMED STATIC BALANCE. REPLACED T/R OUTPUT SHAFT SEAL DUE TO LEAKING. INSTALLED NEW SEAL P/N 406-340-105-101 AND PACKING M83248/1-244. REINSTALLED T/R HUB AND BLADE ASSY WITH NEW LOCK WASHER P/N 206-010-762-001, BUMPER P/N 206-010-777-001, LINER P/N 206-010-760-001. ADJUSTED FLAP ANGLE TO 18.8°. INSPECTED & LUBED T/R HANGER BEARINGS. RETORQUED T/R COUPLINGS. INSPECTED & LUBED T/R DRIVESHAFT SLIDING COUPLINGS. REMOVED GENERATOR & INSPECTED. REPLACED & RAN IN GENERATOR BRUSHES P/N M23033-1141. REINSTALLED GENERATOR WITH NEW PACKING P/N M83248/1-113. CHANGED HYDRAULIC FLUID. RESERVICED WITH MIL-H-5606 HYDRAULIC FLUID. CLEANED & INSPECTED HYDRAULIC OIL FILTER. REINSTALLED HYDRAULIC OIL FILTER WITH NEW PACKING P/N MS28775-211 & RETAINER P/N MS28774-211. INSTALLED NEW THROTTLE ARM BOLT P/N NAS6604D8. INSPECTED AND REPLACED A/F FUEL FILTER. INSTALLED NEW A/F FUEL FILTER P/N 1743645-02. CHANGED TRANSMISSION OIL. RESERVICED WITH MOBIL JET II OIL. INSPECTED & REPLACED TRANSMISSION OIL FILTER P/N 638465-03 WITH NEW PACKINGS P/N M83248/1-024 & P/N M83248/1-236. INSPECTED, CLEANED & REINSTALLED TRANSMISSION OIL MONITOR WITH NEW PACKING P/N M83248/1-906. INSPECTED & TESTED TRANSMISSION CHIP DETECTORS. REINSTALLED WITH NEW PACKINGS P/N M83248/1-011. INSPECTED, CLEANED AND LUBED M/R HUB ASSY. FLAP RESTRAINT ARMS STICKING. REMOVED FLAP RESTRAINT ARMS P/N 206-011-139-001, S/N LK-10831 & S/N LK-10808. INSTALLED O/H FLAP RESTRAINT ARMS P/N 206-011-139-001, S/N LK-01656 & S/N LK-14415. RETORQUED M/R MAST NUT. CLEANED & INSPECTED SWASHPLATE. VERIFIED TENSION ON SWASHPLATE AT 14 LBS. LUBED SWASHPLATE AS REQUIRED. BEARING WORN IN RT CYCLIC UPPER BELLCRANK P/N 206-001-526-001. INSTALLED NEW BEARING P/N 206-010-470-101 IN RT CYCLIC UPPER BELLCRANK P/N 206-001-526-001. CLEANED, INSPECTED & SERVICED ENGINE INLET AIR FILTERS. INSPECTED & REPLACED ENGINE EXTERNAL OIL FILTER P/N 038088-08. INSTALLED WITH NEW SEAL KIT P/N 1741118. REMOVED ENGINE FOR GEARBOX REPAIR. REINSTALLED AFTER REPAIR OF GEARBOX. SERVICED & CHARGED AIRCRAFT BATTERY. SERVICED BATTERY SUMP JAR. REPLACED INOP STROBE FLASH TUBE P/N 01-0770044-00 AND CRACKED LENS P/N 68-2170504-50. AD 2007-25-07 VERTICAL FIN INSPECTION DUE, PREVENT VERTICAL FIN ROTATION. C/W BY INSPECTION & TORQUE CHECK. C/W I/A/W BELL ASB 206-06-107 REV A. NO DEFECTS FOUND. DUE AGAIN IN 100 HOURS. C/W ALL APPLICABLE AD'S. UPDATED AD LIST. SEE AIRCRAFT HISTORICAL RECORDS FOR AD LISTING. LUBED AIRCRAFT AS REQUIRED. WASHED & CLEANED AIRCRAFT. BLED FUEL SYSTEM. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. CHECKED BALANCE ON TAIL ROTOR DYNAMICALLY, .05 IPS. COMPLETED TEST FLIGHT. PERFORMED ENGINE PWR CK: OAT 18°, TOT 705°, PA 400', N1 97.5°, TQ 100%; +4.4.


BOBBY R. MEADOWS

A&P 

B&M AIRCRAFT SERVICES, LLC  GREENWOOD, MS 

5-3-2013

N94PH

ENG S/N CAE-832190

4407.8 TACH

ENG TT 13635.2

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH ROLLS-ROYCE INSPECTION GUIDE. INSPECTED GOVERNOR CONTROL FOR FREEDOM OF MOVEMENT. LUBED GOVERNOR CONTROL. CLEANED, INSPECTED & SERVICED ENGINE INLET AIR FILTERS. CHANGED ENGINE OIL. RESERVICED WITH MOBIL JET II OIL. INSPECTED & CLEANED ENGINE OIL FILTER. REINSTALLED ENGINE OIL FILTER WITH NEW PACKINGS P/N AS3209-014 & P/N AS3209-028. INSPECTED & REPLACED ENGINE EXTERNAL OIL FILTER P/N 038088-08. INSTALLED WITH NEW SEAL KIT P/N 1741118. INSPECTED & TESTED ENGINE CHIP DETECTORS. REINSTALLED WITH NEW PACKINGS P/N AS3208-05. COMPLETED ENGINE OIL FLOW CHECK. 150cc OF OIL FLOWED. INSPECTED & REPLACED ENGINE FUEL PUMP FILTER P/N 038072-05. INSTALLED WITH NEW PACKING P/N MS29513-137 & P/N MS29512-04. CLEANED & INSPECTED FUEL CONTROL UNIT FILTER. REINSTALLED WITH NEW PACKING P/N 557S6. INSPECTED & CLEANED FUEL NOZZLE & FUEL NOZZLE SCREEN. FLOW CHECKED FUEL NOZZLE. RESEALED AUX DRIVE PAD COVER. TURBINE DUE OVERHAUL. REMOVED TURBINE P/N 23038241, S/N CAT-25843 (TSO 3503.6). INSTALLED O/H TURBINE ASSY 23038241, S/N CAT 21310AF (TSN 3180.0) (TSO 1474.0) (CSN UNK) (CSO 2198). INNER COMBUSTION LINER CRACKED, P/N 23056130 S/N AVB-10567 WAS REMOVED. INSTALLED O/H COMBUSTION LINER P/N 23056130, S/N 182-363. REPLACED ALL FWD AND AFT DISCHARGE TUBE SPLIT RINGS P/N 6870736 & P/N 6870737. ENGINE WAS REMOVED FOR STUD REPAIR ON GEARBOX. REPAIR WAS PERFORMED BY PREMIER TURBINES ON PREMEIR TURBINES W.O. # FS 31534. REINSTALLED ENGINE AFTER REPAIR. BLED FUEL SYSTEM. PERFORMED COMPRESSOR WASH. WASHED ENGINE EXTERNALLY. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. PERFORMED POWER CK; OAT 18°, TOT 705°, PA 400', N1 97.5%, TQ 100%. +4.4. OPERATION CHECKS NORMAL.


BOBBY R. MEADOWS A&P 

B&M AIRCRAFT SERVICES, LLC 

GREENWOOD, MS 