

6/9/2021 N53895

8KCAB S/N 229-76

TACH TIME 0 TOTAL TIME 2763.3

DISASSEMBLED AIRCRAFT AND REMOVED COVERING.

INSTALLED GARMIN G5 ADI UNDER STC SA0818WI AND INDALL MANUAL 190-01112-13 REV 8.

INSTALLED JPI 900 PRIMARY UNDER STC SA1435SE AND JPI REPORT 809

INSTALLED GARMIN GDL 82 UNDER STC SA02573SE AND MANUAL 109-01810-10 REV 2

INSTALLED SUREFIRE IGNITION UNDER STCS SE04349CH AND SA04378CH AND SF2001 REV B INSTRUCTIONS.

COVERED AIRCRAFT WITH STEWART SYSTEMS UNDER STC SA01734SE, FINISHED AIRCRAFT IN INSIGNIA WHITE,

PONTIAC RED, AND MIDNIGHT BLACK.

REPLACED FUESLAGE WITH SERVICEABLE FUSELAGE AND PAINTED IN EPOXY WHITE AND BLACK.

REPLACED WOOD FORMERS, STRINGERS, FLOORBOARDS WITH NEW. REPAIRED SKYLIGHT FRAME AND COATED ALL WITH VARNISH.

CLEANED AND INSPECTED SPARS, COATED WITH 3 COATS STEWART SYSTEMS VARNISH. NO CRACKS FOUND.

TIGHTENED AND SAFTIED ALL HARWARE IN WINGS, TAMMELED TO CHECK FOR SQUARENESS.

REPLACED LEFT FORWARD AND BOTH REAR LIFT STRUTS WITH NEW FROM CHAMPION.

INSTALLED NEW OIL COOLER PN 8000075 FROM AERO CLASSICS.

FABRICATED ALL NEW LINES, FUEL, BRAKE, AND OIL WITH EXISTING FITTINGS AND NEW HOSE, STRATOFLEX 111.

INSTALLED NEW WINDSHIELD AND WINDOWS FROM LP AEROPLASTICS.

INSTALLED NEW INTERIOR, HEADLINER, SEATS, WALL PANELS, CARPET FROM FLIGHTLINE INTERIORS.

REASSEMBLED AND RIGGED AIRCRAFT IAW BELLANCA DECATHLON SERVICE MANUAL.

INSTALLED GARMIN GNC 300, GTX320, ACK ENCODER, AND SPA4000 INTERCOM.

REMOVED PRIMARY ENGINE INSTRUMENTS.

R&R AIRSPEED, ALTIMETER, G METER AFTER OVERHAUL. REINSTALLED COMPASS TO NEW GLARESHIELD.

INSTALLED WHELEN ORION 650 NAV AND AC LIGHTS, ALPHABEAM LANDING LIGHT.

INSTALLED NEW WIGNTIPS FROM CHAMPION AIRCRAFT.

REPLACED ALL WIRING, SWITCHES, AND CIRCUITBREAKERS WITH NEW.

INSTALLED NEW HAWKER JB SERIES BATTERY ELIGIBLE IN TYPE CERT.

INSTALLED NEW TIRES, GREASED BEARINGS, REBUILT MASTER CYLINDER AND CALIPERS, REPLACED LININGS.

INSTALLED NEW SEAT BELT ASSEMBLIES FROM HOOKER HARNESS UNDER PREVIOUSLY IMPLIMENTED STC.

REMOVED AND REINSTALLED PROPELLER AFTER OH

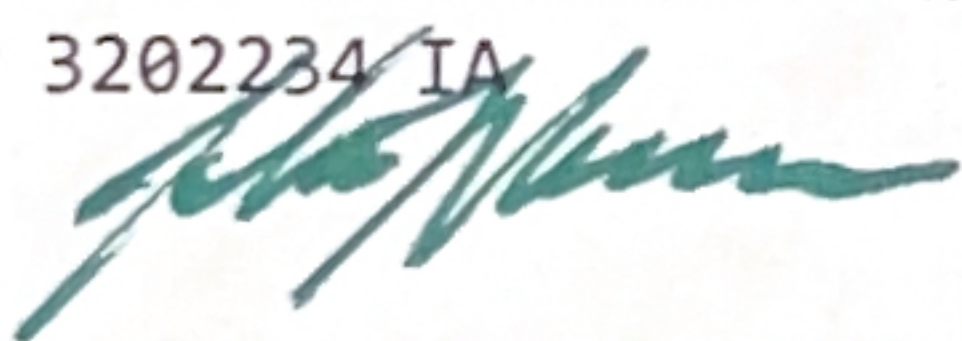
REMOVED AND REINSTALLED FUEL INJECTION SYSTEM AFTER OVERHAUL.

WEIGHED AIRCRAFT AND CALCULATED NEW WEIGHT AND BALANCE.

WORK ACCOMPLISHED IAW COMPONENT MAINTENANCE MANUALS, INSTALLATION INSTRUCTIONS, APPROPRIATE FARS AND SERVICE BULLETINS. AIRCRAFT WAS INSPECTED AND REPAIRED AS NECESSARY DURING REBUILD AND NEW HARDWARE USED THRU-OUT.

SEE AD SHEET FOR ADS ACCOMPLISHED AT THIS TIME.

JOHN WARREN AP 3202234 IA



wo: WO22-0030

SERVICEABLE ACCESSORY OR PART

UNIT Governor MODEL F-6-31 T.S.O. 000

Special

Inspected  Overhauled  Repaired  Modified

N53895  
TACH: 70.4

Serial Numbers: B 4537 T

- 1. Washed engine
- 2. Removed propeller from Shop. Rem S/N: B4537
- 3. Performed A checklist.
- 4. Complied with 170.4 Tach.

The Aircraft and/or component identified above was repaired or inspected in accordance with current Federal Air Regulations and was found airworthy for return to service with respect to work performed. Pertinent details of the repair are on file at this agency under

Work Order Number: 50-691

Date: 9-21-22 Signed: Dale Gibson

I certify this Engine to be in an Airworthy Condition

H & S PROPELLER SHOP, INC.

FAA CERTIFIED #MQ5R050N

8220 OLD WHITE LAKE ROAD, WHITE LAKE, MICHIGAN 48386-1154

PHONE: 1-800-323-0217

FAX: 248-922-9424

Clark Grace A&P IA 3253428

Specialized Helicopters, Inc.

wo: WO22-0136G4

Engine - page 1 of 1



Specialized Helicopters, Inc. - 150 Aviation Way - WATSONVILLE, CA 95076 - 8317632244

N53895 LYCOMING, AEIO-320-E1B, S/N: L-5373-55A  
Engine SMOH: 500.5 Engine TSN: 2837.2 TACH: 73.9

November 09, 2022

- 1. **Check for oil leak and oil pressure** - Opened engine cowls and washed engine and looked for oil leaks. Removed and inspected oil pressure relief valve, Installed two more shims in valve, Operational checks good, oil Pressure is now in normal operating ranges.
- 2. **Replace wrong screws on Cylinder #4 rocker cover** - Replaced screws on rocker cover with proper screws. Installed (5) P/N STD-1925 - Screw: Pan HD, St, .250-20x.63 Long.
- 3. **Cylinder # 2 baffle screw hole stripped out** - Installed heli-coil in cylinder for Left front baffle screw.

All work done in accordance with current FAA rules and regulations and Aircraft is approved for return to service.

Clark Grace A&P IA 3253428

*Clark Grace*

wo: WO22-0136G4

Specialized Helicopters, Inc. - 8317632244  
Engine

page 1 of 1

N53895 LYCOMING, AEIO-320-E1B, S/N: L-5373-55A  
Engine TSN: 2840.4 SMOH: 503.7 TACH: 77.1


December 16, 2022

- 5. **Inspect fuel system** - Inspected fuel system. Found fuel flow transducer installed on wrong side of mechanical pump. Replaced boost pump to engine driven fuel pump supply hose. Fabricated new hoses with Strato Flex 111 for mechanical pump to transducer and transducer to fuel servo. Run up and leak checks good Installed (2) P/N AN816-4-4 - Nipple, Straight, Installed P/N AE3663161G0280 - Hose Assy.

All work done in accordance with current FAA rules and regulations and Aircraft is approved for return to service.

Clark Grace A&P IA 3253428

*Clark Grace*

1. Approving Civil Aviation Authority / Country: FAA / United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S046525	
4. Organization Name and Address: H & S Propeller Shop, Incorporated 8220 Old White Lake Road, White Lake, Michigan 48386-1154				5. Work Order / Contract / Invoice Number: W46525		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
One	Propeller	HC-C2YL-4F	One	AY791B	Overhaul	
<p>Propeller overhauled and balanced in accordance with Hartzell Manual 113B Rev 42 dated 01/APR/2015 and other current FAA approved data - details found on file at this repair station under work order 46525.</p> <p>Replaced hub s/n DW242 with factory new hub s/n AY791B per AD Note 2001-23-08 par (c)(2) dated 24/Dec/2001 and Hartzell SB 61-227R6.</p> <p>Blade s/n F54436, F54437.</p> <p>Inspected per SB 61-118F R1, 61-136R1. Complied with SL61-217, 61-26761-329, 61-34861-354.</p>						
13a. Certifies 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"/> 14 CFR 43.9 Return to Service <input 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
						MQ5R050N
13d. Name (Typed or Printed):		13c. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed):		14e. Date dd/mmm/yyyy):
				Timothy S. Cilley		23/Nov/2016

AIRFRAME

to se  
ance  
er F/  
; S/N  
pters  
Prope  
LITH  
, IN  
L FA  
3.4  
LTH  
INS  
L FA  
TIS