

#3

N121SE

AIRCRAFT LOG  
AF5-1

The subject aircraft was involved in an incident / accident on **7/2/2025** rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: **0299457319US**.

Signed: ***Underwriters Salvage Company***

Date: **10/14/2025**

AI G Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100  
Atlanta, GA 30326

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION-STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|      |                          |                                                                                                                                |

Make: Robinson  
 Model: R22 Beta 2  
 Serial No.: 2747  
 EngTSOH: 2025.14  
 Acft total time: 6414.77 Hobbs:2025.14



Reg. No.: N121SE  
 Date: 4 JUL 2023

### Log Book Entry

Page: 1 of 1

#### Description of Work Accomplished

Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Cleaned air filter . Cleaned fuel screen. Performed 500 hour main and tail rotor gearbox flush. Cleaned main and tail rotor sight glasses. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

Signature: *Jeffrey Sobb*

Jeffrey Sobb A&P 2782511

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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|      |                          |                                                                                                                                |

Make: Robinson  
 Model: R22 Beta 2  
 Serial No.: 2747  
 EngTSOH: 2119.79  
 Acft total time: 6509.42 Hobbs:2119.79



Reg. No.: N121SE  
 Date: 13 OCT 2023

### Log Book Entry

Page: 1 of 1

#### Description of Work Accomplished

Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Cleaned air filter . Cleaned fuel screen . Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

Signature: *Jeffrey Sobb*

Jeffrey Sobb A&P 2782511

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|      |                             |                                                                                                                                |
|      |                             |                                                                                                                                |

Make: Robinson

Model: R22 Beta 2

Serial No.: 2747

EngTSOH: 4540.69 *1834.90*

Acft total  
time: 6224.53 Hobbs: 1834.90

First Choice Aviation Inc.



Log Book Entry

Description of Work Accomplished

Performed annual inspection using Robinson and Lycoming maintenance and operator's manuals 1 annual/100 hour inspection checklists as a guideline only to comply with the annual/100 hour inspection requirements of FAR 43 appendix D. Cleaned B771-1 cleanable air filter. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time.

Signature:

Jeffrey Sobb A&P, IA 2782511

Reg. No.: N121SE

Date: 21 MAR 2023

Page: 1 of 1

INSPECTION RECORD  
F.A.R. 43.11-91.409

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|      |                             |                                                                                                                                |

Make: Robinson

Model: R22 Beta 2

Serial No.: 2747

EngTSOH: 1928.84

Acft total  
time: 6318.47 Hobbs: 1928.84

Reg. No.: N121SE

Date: 13 MAY 2023

Page: 1 of 1

First Choice Aviation Inc.



Log Book Entry

Description of Work Accomplished

Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Replaced air filter with new B771-1 cleanable air filter. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

Signature:

Jeffrey Sobb A&P 2782511

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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| Make: Robinson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Reg. No.: N121SE         |
| Model: R22 Beta 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date: 7 OCT 2022         |
| Serial No.: 2747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |
| EngTSOH: 1637.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |
| Acft total time: 6027.09 Hobbs:1637.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |
| <b>First Choice Aviation Inc.</b><br><br><b>Log Book Entry</b>                                                                                                                                                                                                                                                                                                                                                                                              |                          |
| Page: 1 of 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |
| Description of Work Accomplished                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |
| <p>Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Cleaned B771-1 cleanable air filter. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.</p> |                          |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Jeffrey Sobb A&P 2782511 |

|      |                             |                                                                                                                                |
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Make: Robinson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Reg. No.: N121SE         |
| Model: R22 Beta 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date: 18 DEC 2022        |
| Serial No.: 2747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |
| EngTSOH: 1734.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |
| Acft total time: 6124.6 Hobbs:1734.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |
| <b>First Choice Aviation Inc.</b><br><br><b>Log Book Entry</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |
| Page: 1 of 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |
| Description of Work Accomplished                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |
| <p>Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Cleaned B771-1 cleanable air filter. Cleaned fuel screen. Replaced main fuel tank quantity sending unit with new sender. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.</p> |                          |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Jeffrey Sobb A&P 2782511 |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

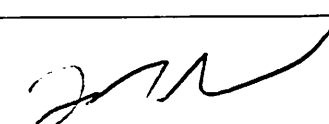
| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION-STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE |
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| Make: Robinson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | First Choice Aviation Inc.                                                                   | Reg. No.: N121SE  |
| Model: R22 Beta 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>FCA</b>  | Date: 12 MAR 2022 |
| Serial No.: 2747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                              |                   |
| EngTSOH: 1441.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Log Book Entry</b>                                                                        | Page: 1 of 1      |
| Acft total time: 5831.47 Hobbs: 1441.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Description of Work Accomplished                                                             |                   |
| <p>Performed <u>annual</u> inspection using Robinson and Lycoming maintenance and operator's manuals annual/100 hour inspection checklists as a guideline only to comply with the annual hour inspection requirements of FAR 43 appendix D. Cleaned B771-1 cleanable air filter. Replaced both T/R pitch links with new B345-3 pitch links. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time.</p> |                                                                                              |                   |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Jeffrey Sobb A&P, IA 2782511                                                                 |                   |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------|
| Make: Robinson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | First Choice Aviation Inc.                                                                     | Reg. No.: N121SE |
| Model: R22 Beta 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>FCA</b>  | Date: 8 JUL 2022 |
| Serial No.: 2747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                |                  |
| EngTSOH: 1540.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Log Book Entry</b>                                                                          | Page: 1 of 1     |
| Acft total time: 5930.32 Hobbs: 1540.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Description of Work Accomplished                                                               |                  |
| <p>Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Cleaned B771-1 cleanable air filter. Performed 500 hour main and tail rotor gear box flush. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.</p> |                                                                                                |                  |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Jeffrey Sobb A&P 2782511                                                                       |                  |

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Make/Model: RHC R22  
Serial No.: 2747  
Hobbs: 1242.07  
ACTSO: 1242.07  
ACFT: 5631.9

Reg No.: N121SE  
Date: 3-11-2021  
WO#: 001989  
EngTSO: 1242.07  
EngTT: UNK



### Description of Work Performed

- Complied with Annual inspection IAW FAR 43 AppD ref RHC R22 MM section 2.410 checklist as modified. Complied with applicable engine inspection. See engine logbook for details. Reviewed aircraft records and airworthiness directives. Applicable AD's complied with through bi-weekly issue 2021-05.
- Verified sheave alignment ref RHC R22 MM section 7.230, results: LH .033 RH .018.
- CW Tail rotor driveshaft run out ref RHC R22 MM section 7.340. Results: Aft .009 .012 .006 .002 Fwd
- CW clutch shaft angle inspection ref RHC R22 MM section 7.240. Result: 3.8
- Lubed upper bearing ref R22 MM section 22-41
- Serviced clutch assembly ref R22 MM section 22-30
- Cleaned MRGB/TRGB chip detectors ref R22 MM section 22-11/22-21
- AD 88-26-01R2 NA by PN installed
- Removed empenage assy, heater scoop, and fuel caps. Prepped, refinished, and reinstalled.
- Touched up tail rotor blades leading edge paint ref R22 MM section 9.220. Verified TR balance ref 10.240, results: .105 @ 10:24
- Verified MR hub friction is within limits and installed previously removed MR blades ref R22 MM 26-10. Painted main rotor blades leading edge and tip caps.
- Fire extinguisher failed monthly inspection ref R22 SL-77A, installed new fire extinguisher
- Battery failed capacity inspection and had cracked terminals, installed new Concorde battery ref IPC figure 96-1
- CW R22 SB-107. Installed alignment placards to fuel caps
- Complied with run up check, leak check, all operational checks, and post maintenance flight. Results good. All work performed IAW FAR 43 App D ref RHC R22 MM 2.400 as modified.

I certify this aircraft has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

  
Tommy Garst IA#3581293

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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Make: Robinson  
Model: R22 Beta 2  
Serial No.: 2747  
EngTSOH: 1341.55  
Acft total time: 5731.38 Hobbs: 1341.55

First Choice Aviation Inc.



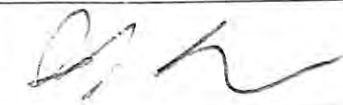
### Log Book Entry

Reg. No.: N121SE  
Date: 6 OCT 2021

Page: 1 of 1

### Description of Work Accomplished

Performed 100 hour inspection using Robinson and Lycoming maintenance and operator's manuals 100 hour inspection checklists as a guideline only to comply with the 100 hour inspection requirements of FAR 43 appendix D. Replaced left side A121-7 push pull tube assembly. Installed KI-130 push pull tube guide roller kit per kit instructions. Installed new B771-1 cleanable air filter.. Cleaned fuel screen. Verified compliance of current applicable AD's to date. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

Signature: 

Jeffrey Sobb A&P 2782511

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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|------|--------------------------|--------------------------------------------------------------------------------|----------------------------------------------|------|
|------|--------------------------|--------------------------------------------------------------------------------|----------------------------------------------|------|

Make/Model: RHC R22  
Serial No.: 2747  
Hobbs: 1034.52  
ACTSO: 1034.52  
ACTT: 5424.32

Reg No.: N121SE  
Date: 12-31-2019  
WO#: 001766  
EngTSO: 1034.52

### Description of Work Performed

- Complied with Annual inspection IAW FAR 43 App D ref RHC R22 MM section 2.410. Complied with applicable engine inspection. See engine logbook for details. Reviewed aircraft records and airworthiness directives. Applicable AD's complied with through bi-weekly issue 2019-26.
- Complied with sheave alignment ref RHC R22 MM section 7.230, results: LH .050 RH .028.
- CW Tail rotor driveshaft run out ref RHC R22 MM section 7.340. Results: Aft .011 .014 .005 .003 Fwd
- CW clutch shaft angle inspection ref RHC R22 MM section 7.240. Result: 3.6
- Cleaned gearbox chip detectors ref R22 MM sections 22-11/22-21. Serviced as needed
- Removed aft NAV light assembly ref RHC R22 IPC figure 33-7. Installed uAvionix Tailbeacon TSO PN:UAV-1002183-001 SN:2008882 IAW tail beacon STC installation manual doc # UAV-1002185-001 rev B. Installed placard above NAV light switch. Lights must be turned on for ADS-B OUT to work. See FAA form 337 dated 12/31/2019 for additional details on work performed. Performed Operational Flight Evaluation. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227.
- Complied with run up check, leak check, all operational checks, and post maintenance flight. Results good. All work performed ref RHC R22 MM.

I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.

Tommy Garst AP/IA #3581293



Serial: 2747  
Date: 12/31/2019

N121SE  
R22 Beta II  
S/N: 2747

02/07/20  
Hobbs: 1137.0  
ACTT: 5526.8  
TSO: 1137.0

Replaced air filter p/n MGA42055 with new. Cleaned fuel strainer screen. CW AD 76-07-12R1 'Ignition switches'-CW per AD ops checks good. AD 88-26-01R2 'MR spindle dye penetrant'-N/A by new design p/n A158-3 installed. CW SB 89 'Upper bearing lube'-CW per SB lubed bearing with Mobil 28 grease. CW SB 112 'Actuator lower bearing A185 brackets'-CW per SB steps 1&2. Ground turned-all systems check good-no defects noted. I certify that this rotorcraft has been inspected in reference with a 100hr inspection and was found to be in airworthy condition. This rotorcraft is returned to service. END

Daniel Perez A&P 2743073

N121SE  
R22 Beta II  
S/N: 2747

04/17/20  
Hobbs: 1239.0  
ACTT: 5628.8  
TSO: 1239.0

CW AD 76-07-12R1 "Ignition switches"-CW per AD ops checks good. Cleaned fuel screen. Replaced air filter with new p/n MGA42055. CW SB 112 "Actuator lower bearing bracket"-CW per SB steps 1&2-ok. Ground turned-all systems check good-no defects noted. I certify that this rotorcraft has been inspected in reference with a 100hr inspection and was found to be in airworthy condition. This rotorcraft is returned to service. END

Ricardo Perez A&P 3828318

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| February 11, 2019                                                                                                                                                         | N 121SE                     |                                                                                                                                |
| R-22 Beta, s/n 2747                                                                                                                                                       |                             |                                                                                                                                |
| O-360-J2A, s/n L-38754-36E                                                                                                                                                |                             |                                                                                                                                |
| AF TT 5372.0                                                                                                                                                              |                             |                                                                                                                                |
| ESMOH 982.2                                                                                                                                                               |                             |                                                                                                                                |
| HOBBS 982.2                                                                                                                                                               |                             |                                                                                                                                |
| FAR 91.411 & 91.413 Altimeter and Transponder check next due <b>February 28, 2021</b>                                                                                     |                             |                                                                                                                                |
| This Aircraft is in compliance with all current & applicable ADs thru Biweekly 2019-04 as follows:                                                                        |                             |                                                                                                                                |
| <b>AD 84-26-02</b> Induction paper air filter replacement cw by new filter install, due each 500, next replacement due <b>5872.0</b> tis                                  |                             |                                                                                                                                |
| I certify that this Aircraft has been inspected iaw Annual inspection per Robinson Helicopter Service Manual & Checklist and was determined to be in Airworthy condition. |                             |                                                                                                                                |
| Dustin E. Pour                                                                                                                                                            |                             |                                                                                                                                |
| A&P2713239 <b>IA</b>                                                                                                                                                      |                             |                                                                                                                                |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE                                                                     | KIND OF INSPECTION-STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | Make/Model: RHC R22 II<br>Serial No.: 2747<br>Hobbs: 1034.45<br>ACTSO: 1034.45<br>ACTT: 5424.25 | Reg No.: N121SE<br>Date 4-1-2019<br>WO#: 001649<br>EngTSO: 1034.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|      |                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|      |                                                                                                 | Description of Work Performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|      |                                                                                                 | <ul style="list-style-type: none"> <li>Complied with 100 hour/Annual inspection IAW FAR 43 App D. Complied with applicable engine inspection. See engine logbook for details. Reviewed aircraft records and airworthiness directives. Applicable AD's complied with through bi-weekly issue 2019-06.</li> <li>Adjusted sheave alignment ref RHC R22 MM section 7.230, results: LH .052 RH .041. Verified intermediate flex plate shimming ref RHC R22 MM section 7.330</li> <li>CW Tail rotor driveshaft run out IAW RHC R22 MM section 7.340. Results: Aft .010 .014 .006 .003 Fwd</li> <li>CW clutch shaft angle inspection IAW RHC R22 MM section 7.240. Results: 3.9</li> <li>Cleaned gearbox chip detectors IAW section 1.115. Drained and flushed gearboxes ref RHC R22 MM section 1.120/1.130</li> <li>Lower bearing lube NA. New assy installed 2/11/19 @ 982.2 TSO</li> <li>Lubed upper bearing ref RHC R22 MM section 22-41</li> <li>CW R22 SB-112 A185 bracket inspection. No working rivets found, applied torque stripe</li> <li>CW R22 SL-77A fire extinguisher maintenance.</li> <li>Installed previously removed heater system ref RHC R22 IPC figure 21-3. Complied with weight and balance ref R22 MM section 18-20 and placed copy in aircraft P.O.H. Updated equipment list.</li> <li>AD 2017-04-06 NA by S/N installed</li> <li>Touched up paint on TR blades leading edge ref R22 MM 9.220(g). Balance TR assy to .14 @ 2:20 ref MM section 10.240</li> <li>Verified MR track and balance ref RHC R22 MM section 10.230. No adjustments made.</li> <li>Complied with run up check, leak check, all operational checks, and post maintenance flight. Results good. All work performed IAW FAR43 App D ref RHC R22 MM.</li> </ul> |
|      |                                                                                                 | I certify this aircraft has been inspected IAW a 100 hour/Annual inspection and was determined to be in airworthy condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|      |                                                                                                 | <br>Tommy Garst AP 3581293 IA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## INSPECTION RECORD

N 121SE Serial number 2747 Hobbs = 687.4 AC TT= 5077.2 July 18, 2018

Checked tail rotor balance - no adjustments made IPS<.11. Freed alternate air door. Removed cyclic (A012-9) and replaced with new assembly A012-9, verified proper operation. Inspected Engine air filter and re-installed. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

N 121SE Serial number 2747 Hobbs = 784.2 AC TT= 5174.0 September 27, 2018

Checked tail rotor balance - no adjustments made IPS<.1. Replaced panel clips below fuel tanks at chrome molly frame. Striped and painted MR Blade tip caps using Robinson epoxy paint. Inspected Engine air filter and re-installed. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

N 121SE Serial number 2747 Hobbs = 882.2 AC TT= 5272.0 November 13, 2018

Checked tail rotor balance and adjusted to <.08 IPS. New Document holder installed. Inspected Engine air filter and re-installed. Engine height adjusted and Sheave Alignment checked. SL 82A completed previous inspection. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

INSPECTION RECORD  
F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION-STATUS & DISCREPANCY LIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                             | SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|      |                             | <p>N 121SE Serial number 2747 Hobbs = 982.2 AC TT= 5372.0 February 11, 2019</p> <p>Checked tail rotor balance no adjustments made &lt;.08 IPS. New Document holder installed. Removed and replaced air filter with new. Various decals replaced on left hand collective. Replaced rod end - B163-1 - on rotating scissors link. Re-shimmed in board hinges on rotating scissors. Re- shimmed stationery scissors pivot point. New ammeter installed into "six pack" instrument cluster - PN 6246-00468. New sight glass (B563-1) installed into tail rotor transmission. New collective stop and friction washers installed - PNs 333-1, 1 each and A141-20, 2 each. New Tail light lamp installed, A508-14. New Fan shaft &amp; Bearing installed PN A007-5 - Bearing assy (PN B181-4 Serial number 9224) installed as part of the assembly - Due retirement in 2200 hours, Due Grease in 800 hours. Checked Blower Balance no adjustments made. New oil cooler "Panel" installed - PN A309-4. Transponder Re-certification performed, see Avionics section this log book for details. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A &amp; P 2751102</p> |
|      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|      |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

*Andrew Thompson*

## INSPECTION RECORD

**N 121SE** Serial number 2747 **Hobbs = 488.6 AC TT= 4878.4** December 1, 2017

Removed and replaced engine air inlet box with new box. , **new air-filter** installed. Checked tail rotor balance – no adjustments made IPS<.14. Installed B815-2 into co-pilots cyclic stick. Adjusted collective friction and bungee tension. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

**N 121SE** Serial number 2747 **Hobbs = 588.3 AC TT= 4978.1** March 8, 2018

Checked tail rotor balance – no adjustments made IPS<.14. Drained and serviced main rotor and Tail rotor transmissions per 500 hour Requirements. Reversed tail rotor PC links to due wear on outboard end. I certify that this aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

## INSPECTION RECORD

**March 8, 2018**

N 121SE

R-22 Beta, s/n 2747

O-360-J2A, s/n L-38754-36E

AFTT 4978.1

ESMOH 588.3

HOBBS 588.3

FAR 91.411 & 91.413 Altimeter, Transponder, pitot/static check next due **February 2019**  
This Aircraft & its components are in compliance with all current & applicable ADs thru Biweekly #2018-05 as follows:

**AD 84-26-02** Induction paper air filter replacement pcw at 4878.4 tis, due each 500 hrs, next due **5378.4 tis**

**AD 88-26-01 R2** MR spindle n/a by new design p/n A158-3 installed, nfa

**AD 2017-16-11** N/A to s/n nor p/n installed at engine overhaul, nfa

I certify that this Aircraft has been inspected iaw ANNUAL inspection per Robinson Helicopter Service Manual & checklist and was determined to be in AIRWORTHY condition.

Dustin E. Pour

A&P2713239IA

*Dustin E. Pour*

# INSPECTION RECORD

N 121SE Serial number 2747 Tach = 99.5 AC TT 4489.3 April 3, 2017  
 Repaired Aircraft LH side engine Baffling. Checked engine height and sheave alignment, Adjusted height & alignment. Tail rotor balance adjusted to <.16 IPS. Drained and re-serviced main rotor and Tail rotor Transmissions. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition returned to service. A & P 2751102 Andrew Thompson

*Andrew Thompson*

N 121SE Serial number 2747 Tach = 199.3 AC TT 4589.1 June 6, 2017  
 Repaired Aircraft LH side engine Baffling. Checked engine height and sheave alignment, Adjusted height & alignment. Tail rotor balance Checked, no adjustments made. Re-shimmed main rotor hub to correct "Teeter Friction", new bolt & nut installed, Checked and adjusted main rotor dynamic balance to <.12 IPS. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition returned to service. A & P 2751102 Andrew Thompson

*Andrew Thompson*

N 121SE Serial number 2747 Tach = 298.8 AC TT 4688.6 August 9, 2017  
 Removed and replaced Strobe light lens and clamp with new parts. Fuse Holder and fuse replaced for Belt drive actuator. Re-installed torque stripe around various bolt heads and nuts on aircraft. Pilots report Engine oscillation at idle with a manifold pressure rise & fall + - 1", checked for intake leaks and verified proper operation of all systems. Clock "diode" replaced with new, checked for proper operation. Lubricated Carb heat cable. And checked for proper ease of operation. Collective friction adjusted per maintenance manual. Adjusted clutch limit switch to get belts to turn within 4 seconds of clutch switch engagement. Jam nut at clutch actuator tightened. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition returned to service. A & P 2751102 Andrew Thompson

*Andrew Thompson*

N 121SE Serial number 2747 Hobbs = 395.2 AC TT = 4785.0 October 3, 2017  
 Removed Clutch actuator Serial number 3552 and replaced with repaired unit Serial number 3888 - 801.3 hours time since overhaul due overhaul in 1398.7 hours. Cleaned oil cooler. Checked tail rotor balance - no adjustments made IPS<.1. Stop drilled crack in Carb heat scoop. Verified systems operations. I certify that This aircraft has been inspected in accordance with a 100 hour inspection, was determined to be in an airworthy condition returned to service. Andrew Thompson A & P 2751102

*Andrew Thompson*

# INSPECTION RECORD

## F.A.R. 43.11-91.409

Make/Model: R22 Beta II  
Serial No: 2747  
Hobbs: 0.0  
ACTT: 4389.8  
ACTSO: 0.0

Reg No: N121SE  
Date: 2/14/2017  
WO#: 001268  
EngTT: 0.0  
EngTSO: 0.0



### Description of Work Performed

Performed 2200 hour overhaul/100 hour inspection/ Annual inspection IAW RHC R22 MM section 2.700, Lycoming Ops Manual, and FAR 43 App D. Replaced components listed in RHC R22 MM section 2.710 due overhaul requirements with new or overhauled components (see life limited parts or overhaul requirements section of this logbook for details). Installed overhauled engine PN: 0-360-J2A SN: L-38754-36E, see Tropic Airpower WO# 1349 dated 9/22/2016 for details. Landing gear forward cross tube, struts and elbows, A121-x push/pull tubes, collective jackshaft, cyclic stick, transmission gearbox fittings, main rotor journals and thrust washers were inspected IAW section 2.710 of the RHC R22 MM. NDT inspection performed by S&S Testing under WO# 4224 dated 11/16/2016. For additional parts and hardware installed, see RHC sales order 275130, 273913, 268590, 268885, 277472, 846809, and 232585. Scuffed and painted aircraft. Aircraft weight and balance complied with, updated weight and balance sheet and equipment list placed in aircraft POH. AD's applicable to this aircraft, engine, and appliances complied with through biweekly issue 2017-03. Applicable SB's complied with through RHC R22 SB 111, to include SB 109 fuel bladder tank retro fit. Installed new 0 time **collective activated** hobbs meter ref. RHC R22 IPC figure 95-39 and RHC R22 SL-67. Replaced LH and RH windows IAW RHC R22 MM section 4.122. Installed new cyclic assy IAW RHC R22 MM section 8.110/8.120. CW AD 10-24-03, installed new rev supports. Ground run checks complied with, results ok. Details for additional maintenance performed and parts replacement are on file at Sevier County Choppers under above work order.

I certify this aircraft has been inspected IAW a 100 hour/ Annual/ 2200 hour overhaul inspection requirements per RHC R22 MM, Lycoming Ops Manual, and FAR 43 App D and was found to be in airworthy condition. Aircraft is approved for return to service.

Tommy Garst  
Tommy Garst AP 3581293 IA

# MAINTENANCE RECORD

## F.A.R. 43.9

| DATE OF<br>COMPLETION | AIRCRAFT TIME<br>IN SERVICE | DESCRIPTION OF WORK PERFORMED<br>OR APPROVED DATA USED | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|-----------------------|-----------------------------|--------------------------------------------------------|----------------------------------------------------------------|
|-----------------------|-----------------------------|--------------------------------------------------------|----------------------------------------------------------------|

Make/Model: R22  
Serial No: 2747  
Hobbs: 1034.73

Reg No: N121SE  
Date: 1/9/2020  
WO#: 001780

### Description of Work Performed

- Removed dual tach PN:A792-4 SN: 2738. Installed serviceable tach PN:A792-4 SN:4768 ref RHC R22 IPC figure 95-1.

  
Tommy Garst AP # 3581293

N121SE  
R22 Beta II  
S/N: 2747

02/19/21  
Hobbs: 1242.0  
ACTT: 5631.8  
TSO: 1242.0

Removed MR blades p/n A016-6 s/n 3725 & MR spindle p/n A158-3 s/n 0060; MR blade p/n A016-6 s/n 3732 & MR spindle p/n A158-3 s/n 0061 for aircraft shipping purposes. END

  
Daniel Perez A&P 2743073

10-21-18

845-1

Removed Mixture "inner" cable and Replaced  
with New Cable - Checked For Proper  
Operation - CH Good. At 175102 *By Chapman*

# MAINTENANCE RECORD

DATE OF  
COMPLETION

N 121SE Serial number 2747 Tach = 228.3 AC TT 4618.2 June 22, 2017  
Re-aligned sheaves and re-positioned engine in frame to facilitate belt position.  
A & P 2751102 Andy Thompson

*Andrew Thompson*

7/27/17

RUST ON TR PC BEARING NOT/WASHER SURFACE CORROSION)  
WITHIN SERVICEABLE LIMITS.  
GOVERNOR/M-P. FLUCTUATING WITHIN SERVICEABLE LIMITS.  
"Ty wrapped" CHT WIRE TO MAINTAIN CONTACT WITH  
Probe - checked operation on Gnd - OK. A & P 2751102  
*AThompson*

N 121SE Serial number 2747 Tach = 298.8 AC TT 4688.6 August 9, 2017  
Removed and replaced ; "frame protection bracket" on right side of belt drive assembly.  
Checked wiring on clutch system and found poor electrical ground, cleaned and  
checked for proper operation.

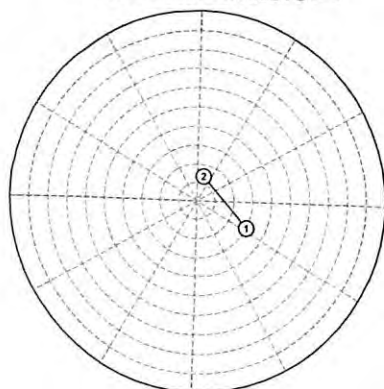
New cylinder head temperature probe installed.  
New Compass installed and compass card modified to show corrections.  
Hardware on tail rotor assembly replaced and painted as needed, torque  
stripe added. Verified all external hardware installed.  
A & P 2751102 Andrew Thompson

*Andrew Thompson*

# TAIL ROTOR DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —

Operator Comments



121SE 2747 4489.3 Hrs

MicroVib II SN:1598 Cal:02/22/2017

Initial: 0.299 IN/S @ 3307.9 RPM Final: 0.134 IN/S @ 3370.2 RPM

Operator *A & P 2751102*

Date: 04/03/2017

## RECORD

1.9

RMED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

N 121SE Serial number 2747 Tach = 107.0 AC TT 4496.8 April 12, 2017  
Removed and replaced Frame Assembly PN A046-1 With new frame Serial number  
1059. Checked and adjusted engine height and Sheave Alignment. A & P 2751102  
Andrew Thompson

*Andrew Thompson*

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

## OF ETION

AIRCRAFT TIME  
IN SERVICE

Make/Model: R22 Beta II  
Serial No:2747  
Hobbs:4.0  
ACTT:4393.8  
ACTSO:4.0

Reg No:N121SE  
Date:2/16/2017  
WO#:001268  
EngTT:4.0  
EngTSO:4.0



## Description of Work Performed

- Performed main rotor track and balance IAW RHC R22 MM section 10.230. Performed tail rotor balnce IAW RHC R22 MM section 10.240. Balanced fanwheel IAW RHC R22 MM section 6.240.
- Performed auto rotational adjustment IAW section 10.250
- Safety wired main rotor pitch links and drilled coning and teeter hinge bolts
- Drained and flushed gearboxes IAW RHC R22 MM section 1.110 due first 4 hours after installation
- Aircraft is approved for return to service. Work done by sevier county choppers under above work order.

Tommy Garst  
Tommy Garst AP 3581293 IA

| DATE | TOI<br>TIM |
|------|------------|
|------|------------|

**Atlas Instruments LLC - FAA Repair Station #OD9R049Y**  
I certify that the Transponder has been tested in accordance with FAR 91.413 and has been found to comply with 14 CFR Part 43, Appendix "F".

Aircraft N# 121SE Work Order No. 3-1721

*muscle* 2-8-19

Certificated Authority \_\_\_\_\_ Date \_\_\_\_\_

 (562) 322-4841  [www.atlasinstruments.net](http://www.atlasinstruments.net)

|                  |                                      |
|------------------|--------------------------------------|
| (T) CHECK<br>DUE | CHECKED BY:<br>SIGNATURE — CERT. NO. |
|------------------|--------------------------------------|

DATE \_\_\_\_\_

TOTAL  
TIMEEQUIPMENT  
CHECKEDTYPE OF  
CHECK

## ERROR OR RESULTS

**NEXT CHECK  
DUE**

CHECKED BY:  
SIGNATURE — CERT. NO.

MODEL Z-22

S/N 2747

REG. NO. N 121 SE

ORLANDO AVIONICS CORP., DBA

ORLANDO **Aircraft** SERVICES 

EXECUTIVE AIRPORT • PO BOX 14074  
ORLANDO, FL 32814  
TELEPHONE: (407) 894-9963

DATE 4/3/23

I.I. \_\_\_\_\_

HOUR/M 2285.2

Date: 3/11/21  
HM: 1529-81  
Tach:           

Reg. No: N121SE  
Ser. No: 2747

**Horizon Avionics, Inc.**

**2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858**

Tested Transponder King 176A s/n 117960 in accordance with FAR 43  
App. F as required by FAR 91.413 and found to comply.

MAINTENANCE RELEASE

MAINTENANCE RELEASE  
The Airframe Or Appliance Identified Above Was Repaired And Inspected In Accordance  
With Current Maintenance Rules Of The Federal Aviation Regulations And Is Approved For  
Return To Service With Respect To work Performed. Pertinent Details Of This Repair Are  
On File At This Repair Station Under WO No. 8887

Signed: [Signature] Cert. No: 3133457 Date: 3/11/21  
For Horizon Avionics, Inc. FAA CRS F3OR150X

## RADIO & ELECTRONIC CHECKS

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make KING Model KT-76A S/N 117960

Make N/A Model \_\_\_\_\_ S/N \_\_\_\_\_

Details of this inspection are on file at this

repair station under W/O 121869 Date 4/3/23

ORLANDO AIRCRAFT SERVICES  
FAA Approved Repair Station # TP4R552M  
601 Humphries Avenue  
Orlando, FL 32803 (407) 894-9963

# RADIO & ELECTRONIC CHECKS

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY:<br>SIGNATURE — CERT. NO. |
|------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|
|------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|

Date: 2-9-17  
Tach:  
HM: 5-8

Reg. No: N 1215E  
Ser. No: 2747

## Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701.  
Tel: (865) 980-7858 Fax: (865) 980-7701

ATC Transponder tested as required by FAR 91.413 IAW FAR 43, App. F and found to comply.  
Make: King Model: K776R S/N: 125863  
Altimeter tests as required by FAR 91.411 IAW FAR 43, App. E. Para.(b) and found to comply.  
Make: Wm. R. Model: 5434R-3 S/N: 470062 tested to 20,000 ft.  
Automatic pressure altitude reporting system, L | |, R | |, has been tested as required by FAR 91.411 IAW FAR 43, App. E. Para.(c) and found to comply.  
Static pressure system, L | |, R | |, has been tested as required by FAR 91.411 IAW FAR 43 App. E. Para. (a) and found to comply.

### MAINTENANCE RELEASE

The Airframe Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Maintenance Rules Of The Federal Aviation Regulations And Is Approved For Return To Service With Respect To The Work Performed. Pertinent Details Of This Repair Are On File At This Repair Station Under WO. No. 6949.

Signed: [Signature]

Cert. No: 3866735

Date: 2-9-17

For Horizon Avionics, Inc. FAA CRS F3OR150X

N121SE SN.2747 BOOK .

#2

**AIRCRAFT LOG**  
**AF5-1**

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[illegible]

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION-STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 5/06/2016; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3847.00; Total Time: 4130.70; Engine - Type: O-360-J2A, S/N: L-40703-36E, Time: 1621.90, SMOH: 1621.90

I certify that this Rotorcraft has been inspected IAW Robinson R22 MM 100 hr inspection checklist; service bulletins, service instructions and service letters were used to determine its airworthiness; AD's through Bi-weekly issue 2016-09 have been complied with and was determined to be in an Airworthy Condition.

Aircraft was ground run and operational check was satisfactory and is approved for return to service on the time and date of inspection.

Andres Chavez A&P 3674752

N 121SE Serial number 2747 Tach = 3946.9 AC TT 4230.6 July 1, 2016  
AD 88-26-01r2 completed main rotor spindle inspection, no defects noted. New landing light bulbs -2 - installed. Tail rotor gearbox oil drained and re-serviced. Sheave alignment checked, no adjustments made. Pivot bearings in yoke - rotating sisors attach pivot - replaced with new B115-1 bearings. - Tail rotor Balance checked, no adjustments made - IPS <.09. Hover track and balance checked, Verticle and lateral IPS <.16. Checked Magneto timing, no adjustments made. New Engine Air Filter installed. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition returned to service. A & P 2751102 Andrew Thompson

Andrew Thompson

# INSPECTION RECORD

July 1, 2016

N121SE

R22 Beta, sn 2747

O-360-J2A, sn L-40703-36E

AFTT 4230.6

ESMOH 1721.8

Hobbs 3946.9

Transponder/pitot-static check due May 2017

This aircraft and its components are in compliance with all life-limited parts replacement and complies with all applicable ADs as follows:

- AD 84-26-02 induction air filter (each 500 hrs) removed & installed new filter, next due 4446.9 tis
- AD 88-26-01 R2 MR spindle Insp completed, (due each 500 hrs) next due AC TT 4730.6
- AD 2003-04-04 TR pitch control bearing PN A031-1 Rev. L installed, nfa
- AD 2004-10-14 crankshaft gear retaining bolt, due engine sudden stoppage or prop strike

I certify that this Aircraft and its components has been inspected for an Annual inspection in accordance with Robinson Helicopter Service Manual and was determined to be in an Airworthy condition.

Dustin E. Pour  
A&P27132391A

[Signature]

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

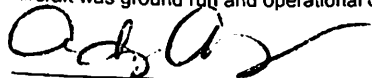
AIRCRAFT TIME  
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 1/15/2016; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3747.50; Total Time: 4031.20; Engine - Type: O-360-J2A,  
S/N: L-40703-36E, Time: 1522.40, SMOH: 1522.40

I certify that this Rotorcraft has been inspected IAW Robinson R22 MM 100 hr inspection checklist; service bulletins, service instructions and service letters were used to determine its airworthiness; AD's through Bi-weekly issue 2016-01 have been complied with and was determined to be in an Airworthy Condition.

Aircraft was ground run and operational check was satisfactory and is approved for return to service on the time and date of inspection.



Andres Chavez A&P 3674752

## MAINTNANCE RECORD

N 121SE Serial number 2747 Tach = 3946.9 AC TT 4230.6 July 1, 2016

AD 88-26-01r2 completed main rotor spindle inspection, no defects noted. New landing light bulbs -2 - installed. Tail rotor gearbox oil drained and re-serviced. Sheave alignment checked, no adjustments made. Pivot bearings in yoke - rotating sisors attach pivot - replaced with new B115-1 bearings. - Tail rotor Balance checked, no adjustments made - IPS <.09. Hover track and balance checked, Verticle and lateral IPS <.16. Checked Magneto timing, no adjustments made. New Engine Air Filter installed. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition returned to service. A & P 2751102 Andrew Thompson

*Andrew Thompson*

N 121SE Serial number 2747 July 27, 2016

Removed and replaced MR Blade boots with new boots PN A156-1. Bled main rotor grips and re-installed main rotor blades. Checked for proper operation and no leakage present. Andrew Thompson A & P 2751102

*Andrew Thompson*

# MAINTENANCE RECORD

## F.A.R. 43.9

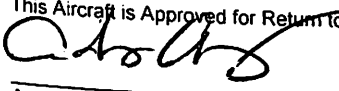
| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 3/17/2016; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3806.90; Total Time: 4090.60; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1581.80, SMOH: 1581.80

Removed Auxiliary Tank IAW R22 MM Section 12.120 and replaced B122-1 Aux Fuel Sender Unit with new one. Reinstalled Auxiliary Tank per Section 12.120 of the R22 MM, checked fuel quantity indication, and verified no leaks.

This Aircraft is Approved for Return to Service

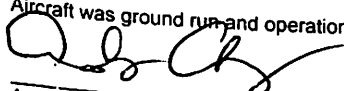
  
Andres Chavez A&P 3674752

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 5/06/2016; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3847.00; Total Time: 4130.70; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1621.90, SMOH: 1621.90

- The following was performed during this 100 hr. inspection
- Complied w/ SB-89 Upper Bearing lubrication. Serviced w/ mobil 28
- Complied w/ AD 2016-24-G3 M/R Blade Tap test inspection.

Aircraft was ground run and operational check was satisfactory and is approved for return to service on the time and date of inspection.

  
Andres Chavez A&P 3674752

# AIRCRAFT DESCRIPTION

MANUFACTURER ROBINSON MODEL R22 DATE OF MFG. \_\_\_\_\_

SERIAL NUMBER 2747 REGISTRATION NUMBER N121SG

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Inspection Status (Check one)

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED \_\_\_\_\_

MAINTENANCE RESPONSIBILITY

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

N121SE

SN:2747

AIRCRAFT LOG  
AF5-1

LOGBOOK #1

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 7/31/2015; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3600.70; Total Time: 3884.40; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1375.60, SMOH: 1375.60

The following work was performed.

- Performed Track and Balance IAW DSS Application Note for R22 using MicroVibe II and R22 MM Section 10.240 Tail Rotor was adjusted to be below 0.20 IPS.
- Removed Altimeter (PN: 5934P-3; SN: 389827) was replaced with Altimeter (PN: 5934P-3; SN: 470062) details are on 8130-3 Form

This Aircraft was test flown and is Approved for Return to Service

  
Joniven Grey A&P 3296010

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 8/06/2015; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3605.90; Total Time: 3889.60; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1380.80, SMOH: 1380.80

For the break in period of the new TRGB installed. 5 Hr oil change was performed. Drained, flushed oil, and cleaned chip detectors of TR Gearbox. Filled gearbox oil to center of sight glass.

This Aircraft is Approved for Return to Service

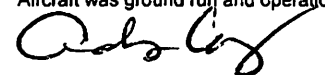
  
Joniven Grey A&P 3296010

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 10/13/2015; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3652.70; Total Time: 3936.40; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1427.60, SMOH: 1427.60

I certify that this Rotorcraft has been inspected IAW Robinson R22 MM 100 hr inspection checklist; service bulletins, service instructions and service letters were used to determine its airworthiness; AD's through Bi-weekly issue 2015-20 have been complied with and was determined to be in an Airworthy Condition.

Aircraft was ground run and operational check was satisfactory and is approved for return to service on the time and date of inspection.

  
Andres Chavez A&P 3674752

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 11/17/2015; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3698.40; Total Time: 3982.10; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1473.30, SMOH: 1473.30

The following work was performed.

- Perform Fan Wheel Balancing IAW R22 MM Section 6.240 and R22 DSS Application Note
- Removed ASI (SN: 133986) and replaced with newly overhauled ASI (SN: 189237)

This Aircraft is Approved for Return to Service

  
Joniven Grey A&P 3296010

**Make/Model: R-22 BETA II**  
**Serial No:2747**  
**HOBBS:3561.4**  
**A/C TT:3845.1**  
**A/CTSO:1645.5**

1. Complied with 100/Annual Inspection IAW RHC R22 Maintenance Manual Section 2.400 and FAR43 App D
2. Complied with Applicable Engine Inspection. See Engine Log Book for Inspection Details.
3. Reviewed Aircraft Records and Airworthiness Directives
4. **Note: Airframe and engine times vary throughout logbooks. Engine time found based off engine entry dated 9/8/11. Airframe time found based off airframe entry dated 11-20-10.**
5. Adjusted sheave alignment. Results LH.055 RH.032. CW intermediate flex plate shimming.
6. TR drive shaft runout results. Aft: .008 .015 .011 .003 Fwd:
7. Updated POH to current revision
8. CW 300hr upper bearing lube
9. CW 500 hr MRGB and TRGB flush
10. CW 800hr lower bearing lube
11. CW 24 mo pitot/x-ponder inspection
12. Removed horizontal stabilizer PN A044-1 SN 6078 and installed serviceable stabilizer PN A044-1 SN 5605
13. Replaced low rotor horn with new PN B320-1
14. Refinished leading edges on TR blades. Refinished MR blade leading edges and bottom side of blades.
15. Performed fanwheel, TR, and MR track and balance. All balanced to below .20ips MR blades tracked with in ¼ at all airspeeds
16. Complied with Run Up Check, Leak Check, All Operational Checks and Post Maintenance Flight. Results OK. All Work Performed IAW RHCR22 Maintenance Manual, Lycoming O-360 Ops MM and FAR 43 Appendix D

Tommy Mast  
Sevier County Choppers CRS V68R343M

Reg. No. N121SE  
Date: 6/11/2015  
W/O No: 001047  
ENGTSO:1336.3  
ENGTT:1336.3

F.A.R. 43.11-91.409

[illegible]

N121SE  
SN: 2747  
AFTT: 3745.2  
Hobbs: 3461.5

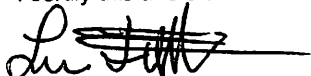
HQ Aviation LLC.  
4040 E. Concord St.  
Orlando, FL 32803

4.27.2014  
HQA15

Performed 100 Hour / Annual inspection IAW FAR 43.15, 91.401, & 91.417, Robinson Sec. 1.101 2.400.

- Robinson Service Information.
  - SB-103A **MR BLADE** complied with.
- TCM Service Information.
  - SB636 **IGNITION SWITCH INSP** complied with.
  - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives.
  - 76-26-02 **IGNITION SWITCH** complied with IAW SB636 & SB653.
  - 84-26-02 **INDUCTION AIR FILTER** complied with by replacement of filter.
  - 2011-12-10 **MR BLADE** complied with IAW SB-103A
- Discrepancies
  - Rotated TR pitch links.

I certify this aircraft has been inspected and determined to be in airworthy condition.

  
Loren C. Friedle  
A&P33544051A

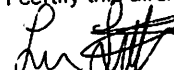
N121SE  
SN: 2747  
AFTT: 3745.2  
Hobbs: 3461.5

HQ Aviation LLC.  
4040 E. Concord St.  
Orlando, FL 32803

4.27.2014  
HQA15

- Airworthiness Directives.
  - 76-07-12 **IGNITION SWITCH** complied with IAW SB636 & SB653. Next due: 3845.52

I certify this aircraft has been inspected and determined to be in airworthy condition.

  
Loren C. Friedle  
A&P33544051A

DATE

N121SE  
R22 BETA  
S/N: 2747  
Hobbs: 3293.0

CE Rotor & Wing Inc.  
2789 Flightline Ave.  
Sanford, FL 32773

11-22-2013  
67894RR

- Performed Overspeed inspection IAW Robinson Sec 2.540. No defects noted.

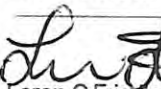
  
Loren C. Friedle  
A&P3354405IA

N121SE  
R22 BETA  
S/N: 2747  
Hobbs: 3360.0

CE Rotor & Wing Inc.  
2789 Flightline Ave.  
Sanford, FL 32773

1-14-2014  
68052RR

Blended crack at base of mast fairing, left side IAW Sec. 4 of AC43.13-1B.

  
Loren C. Friedle  
A&P3354405IA

N121SE  
R22 BETA  
S/N: 2747  
Hobbs: 3367.1

CE Rotor & Wing Inc.  
2789 Flightline Ave.  
Sanford, FL 32773

1-28-2014  
68052RR

- Cracks in mast fairing left side at bottom, front, and midway.
  - Blended bottom crack bottom IAW Sec. 4 of AC43.13-1B.
  - Upon inspection found cracks at front and midway to be surface defects in paint and sealant. Primed, painted, and sealed both areas.

  
Loren C. Friedle  
A&P3354405IA

N121SE  
R22 BETA  
S/N: 2747  
AFTT: 3645.3  
Hobbs: 3361.6

CE Rotor & Wing Inc.  
2789 Flightline Ave.  
Sanford, FL 32773

1-18-2014  
68102RR

Performed 100hr IAW FAR 43.15 & Robinson section 2.400.

- Robinson Service Information
  - Cleaned GB chip detectors IAW 1.115.
  - A184 bearing lubrication.
  - SB-108 RPM MAGNETS complied with.
  - Updated POH.
- TCM Service Information
  - SB636 IGNITION SWITCH INSP complied with.
  - SB653 HOT MAGNETO TEST complied with.
- Airworthiness Directives
  - 76-07-12 IGNITION SWITCH complied with by function check IAW SB636 & SB653.
  - 2011-12-10 MR BLADE complied with by inspection.
- Discrepancies
  - Rotated TR pitch links.
  - Secured pitot line at mast.

I certify this aircraft has been inspected and determined to be in airworthy condition.

  
Loren C. Friedle  
A&P3354405IA

N121SE Status Sheet 1-24-2014

#### LIFE LIMITED COMPONENTS

| NAME             | PART      | SERIAL     | INSTALL DATE | A/C TIME @ INSTALL | COMP TIME @ INSTALL | LAST TBO      | AGENCY       |
|------------------|-----------|------------|--------------|--------------------|---------------------|---------------|--------------|
| MR BLADE         | A016-6    | 0051       | 4-15-2012    | 3238.2             | 0                   | 2200<br>12 YR | ASP45107000  |
| MR BLADE         | A016-6    | 1007       | 4-18-2012    | 3238.2             | 0                   | 2200<br>12 YR | ASP451537000 |
| MR SPINBLE       | A156-1    | 20054      | 4-18-2012    | 3239.2             | 0                   | 2415          | ASP451597010 |
| MR SPINBLE       | A156-1    | 20055      | 4-18-2012    | 3239.2             | 0                   | 2415          | ASP451597010 |
| MR PINBLE        | A156-1    | 3462       | 8-7-2007     | 2199.6             | 2199.6              | 4600          | ASP2120604   |
| COARIS BOLT      | NA5350-60 | NA         | 4-18-2012    | 3238.2             | 0                   | 2200          | ASP451537000 |
| PITCH EXPANSIVE  | A017-2    | NA         | 8-7-2007     | 2199.6             | 0                   | 2200          | ASP2120604   |
| MR SWASH-PLATE   | A017-2    | 4838       | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| MR GB            | A005-1    | 2603       | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| ACTUATOR         | A031-1    | 4318       | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| CLUTCH SHAFT     | A186-1    | 7602 REV U | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| SPRING CLUTCH    | A186-3    | 7674 REV I | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| BEARING          | 181-4     | 6905 REV N | 1-23-2009    | 2997.5             | 0                   | 2200          | ASP452511520 |
| TR DRIVE SHAFT   | B224-3    | 5972       | 8-3-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| TR YOKE          | B223-6    | NA         | 8-7-2007     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| TR GB            | A031-1    | 0335       | 5-6-2000     | 3607.2             | 0                   | 2200 TBO      | ASP452511520 |
| TR PITCH CONTROL | A031-1    | 6459       | 8-7-2008     | 2199.6             | 0                   | 2200 TBO      | ASP2120604   |
| TR HUB           | A062-2    | 2595       | 7-27-2012    | 3315.3             | 2200                | 6000          | ASP2762511   |
| TR BOLT          | 1304-30   | NA         | 9-3-2007     | 2199.6             | 2199.6              | 4430          | ASP2020604   |

PAGE 1

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Make: Robinson

Model: R22 Beta 2

Serial No.: 2747

Acft TSOH:1249.5

Acft total time: 3449.5 Hobbs:3165.8

First Choice Aviation Inc.

**FCA**

Log Book Entry

Reg. No.: N121SE

Date: 20 JUN 13

Page: 1 of 1

### Description of Work Accomplished

Performed 100 hour inspection in accordance with FAR 43 appendix D. Cleaned fuel screen, replaced air filter with new A771-1 air filter. Performed 500 hour spindle AD88-26-01R2 per AD. Replaced skid shoes at aft and mid position on both left and right sides with new skid shoes. Replaced strobe light with new light. Replaced alternator with overhauled alternator S/N H-N041530. The steel pulley was transferred from the unserviceable alternator to the overhaul alternator. Run up and leaked checked OK. I certify this helicopter was inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

### Approval for Return to Service

Jeffrey Sobb A&P 2782511

First Choice Aviation

7743 Caoba Ct. Lake Worth Fl. 33467 Phone (561) 602-5011

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Date: 6 NOV 13 Aft Total Time: 3545.8

### Description of Work Accomplished

Hobbs: 3262.1

Performed 100 hour inspection in accordance with FAR 43 appendix D and using the Robinson and Lycoming maintenance and operators manuals with changes dated April 2012 and December 2007 as a guideline only. Performed compression checks: 1) 77/80 2) 79/80 3) 78/80 4) 76/80. Cleaned oil screen. Replaced oil filter. Cleaned, regapped, tested and rotated all 8 spark plugs. Serviced engine with 6 Quarts of Aeroshell 100. Run up and leaked checked OK. I certify this helicopter engine was inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.

### Approval for Return to Service

Jeffrey Sobb A&P 2782511

First Choice Aviation

7743 Caoba Ct. Lake Worth Fl. 33467 Phone (561) 602-5011

Eng Log   
A-F Log is in Eng Book

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE     | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 APR 13 | 3420.5 T.T.              | Removed T/R Assembly from aircraft. Removed T/R blades P/N A029-1 S/N's 14879 and 13590 and installed NEW T/R blades P/N A029-2 S/N's 5990 and 5982 onto T/R hub S/N 2595 per Robinson Component Overhaul manual section 9. Installed Tail rotor assembly onto helicopter per Robinson maintenance manual section 9.200. Balanced Tail rotor assembly to 119 ips using a Vibrex 2000. Check M/R balance per section 10.230. No adjustments necessary. Rotor system was out a 107 ips at a hover and M/R blade track was within limits. |
|          | 3107.8<br>Hobbs TM       | Jeff Sobb - First Choice Aviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE      | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                |
|-----------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29 MAY 13 | 3144.0<br>Hobbs          | Operator Reported high oil temp. Cleaned sand out of oil cooler fins. Installed Tape on engine cowling shrouds per maintenance manual. Performed fan wheel balance per section 6.240. Final reading, 13 ips. Balanced T/R to .09 ips per section 9.200. Aircraft was test flown and oil temperature was within specified limits. |
|           |                          | John AP2782511 for First Choice Aviation                                                                                                                                                                                                                                                                                         |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Reg: N121SE  
Model: ROBINSON HELICOPTER R22  
SN: 2747

SAM Saint Augustine Aviation Maintenance  
270 Estralla Ave.  
St. Augustine, FL 32095

Date: 11/7/2012  
TTA: ~~3,354.4~~ 3558.9  
Tach: 3070.7  
Hobbs: 0.0

### Mainenance Record (Airframe)

Performed a Discrepancy Repair inspection in accordance with ROBINSON HELICOPTER R22 HELICOPTER maintenance manual and Part 43 Appendix D.

Discrepancies noted on 11-6-2012 have been taken care of, aircraft is now in airworthy condition

Repaired actuator by R&R clutch switch. Balanced tail rotor. All work done I/A/W Robinson R22 AMM. Performed ops check, ops check good.

I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition

Willson, Zachery  
3389487 A&P

# INSPECTION RECORD

F.A.R. 43.11-91.409

|      |                          |                                                                                                                                                          |
|------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATE | AIRCRAFT TIME IN SERVICE | F.A.R. 43.11-91.409<br>KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

Make: Robinson  
Model: R22 Beta 2  
Serial No.: 2747

Acft total time: 3,383.4 SSS  
~~3588.9~~ Hobbs: 3070.7

**First Choice Aviation Inc.**

**FCA** 

### Log Book Entry

Reg. No.: N121SE  
Date: 19 APR 13

Page: 1 of 1

## Description of Work Accomplished

Performed annual inspection in accordance with FAR 43 appendix D and using the Robinson and Lycoming maintenance and operators manuals with changes dated April 2012 and December 2007 as a guideline only. Check AD's to date. AD2011-12-10 M/R and SB 103 blade inspection are not applicable due to M/R blade P/N. Replaced A432-1 push pull tube guide with serviceable push pull tube guide in accordance with the Robinson maintenance manual. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition at this time.

Signature: Jeffrey Sobb Jeffrey Sobb IA2782511

First Choice Aviation  
7743 Caoba Ct. Lake Worth Fl. 33467 Phone (561) 602-5011

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE                                                                            | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST |
|---------------------------------------------------------------------------------|--------------------------|------------------------------------------------|
| SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |                          |                                                |

|                                                         |                                                                                                                                                 |                                                       |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Make: Robinson<br>Model: R22 Beta 2<br>Serial No.: 2747 | <b>First Choice Aviation Inc.</b><br><br><b>Log Book Entry</b> | Reg. No.: N121SE<br>Date: 27 JUL 2012<br>Page: 1 of 1 |
| Acft total time: 3315.3 Hobbs:3027.6                    |                                                                                                                                                 |                                                       |

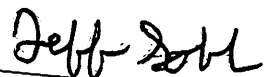
| Description of Work Accomplished                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Performed 100 hour inspection in accordance with FAR 43 appendix D and using the Robinson and Lycoming maintenance and operators manuals with changes dated April 2012 and December 2007 as a guideline only. Performed 500 hour main and tail rotor gearbox flush per Robinson R22 maintenance manual sec.1.120 and 1.130 . Cleaned and tested main and tail rotor chip detectors. Installed 8 new engine mounts per sec. 6.000.Adjusted engine height and sheave alignment per sec. 6.130 and 7.230 . Replaced tail rotor assembly with serviceable assembly .The installed assembly contains the following serial numbered parts: Blade 1S/N 14879, blade 2 S/N 13590, T/R hub S/N 2595.Reference the provided 8130 with WO# 000102.See page 8 of this log book for life limits . Performed the following service bulletins per service bulletin instructions: SB-99 Gascolator upgrade ,SB102 Battery Relay Bypass, SB-104 Clutch Actuator fuse , SB105 Fuel shut off valve upgrade, SB-106 Rotor brake switch upgrade, SB 107 Fuel cap decals. Replaced map light with serviceable light and bulb. Replaced T/R pitch links with new links(2).Replaced cyclic friction knob with new knob. Replaced air box to carburetor gasket with new. Installed updated POH with data transferred from original POH. Balanced tail rotor to .10 ips. Run up and leaked checked OK. I certify this helicopter has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition at this time.</p> |
| Approval for Return to Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.<br>FCA Inc. Authorized Signature:  AP2782511 Jeff Sobb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| First Choice Aviation<br>7743 Caoba Ct. Lake Worth Fl. 33467 Phone (561) 602-5011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

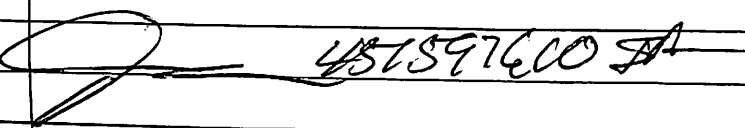
| DATE                                                                            | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST |
|---------------------------------------------------------------------------------|--------------------------|------------------------------------------------|
| SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |                          |                                                |

|                                                         |                                                                                                                                                   |                                                                  |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Make: Robinson<br>Model: R22 Beta 2<br>Serial No.: 2747 | <b>First Choice Aviation Inc.</b><br><br><b>Log Book Entry</b> | Reg. No.: N121SE<br>Date: 6 NOV <sup>15</sup> 12<br>Page: 1 of 1 |
| Acft total time: <u>3,354.4</u> Hobbs:3070.7<br>JSS     |                                                                                                                                                   |                                                                  |

| Description of Work Accomplished                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Performed annual inspection in accordance with FAR 43 appendix D and using the Robinson and Lycoming maintenance and operators manuals with changes dated April 2012 and December 2007 as a guideline only. Repainted both tail rotor blades. During run up the clutch failed to engage. Check AD's to date. Performed AD2011-12-10 M/R and SB 103 blade inspection . No defects noted. I certify this helicopter has been inspected in accordance with an annual inspection and has been determined to be in unairworthy at this time for the following discrepancies: Tail rotor system requires balancing. Clutch system is not engaging.</p> |
| Signature:  Jeffrey Sobb IA2782511                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| First Choice Aviation<br>7743 Caoba Ct. Lake Worth Fl. 33467 Phone (561) 602-5011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

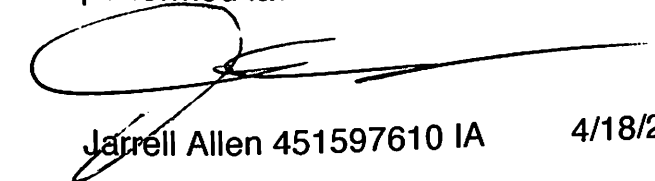
# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE     | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                           |
|----------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 02/08/12 | 2924.6                   | ACTT 3208.2 C/W 100 hr Insp<br>Per RHC 100 hr check list. C/W AD 2011-12-10.<br>Installed new air filter. I certify that this<br>aircraft has been Inspected with a 100 hr<br>Inspection and determined a irworthy <del>SPN 60050</del>                                                                                                                     |
| 4/18/12  | 2952.5                   | Removed MR blades P/N A016-4, S/N 2613B<br>and 2917B. Installed new MR blades P/N<br>A016-6 S/N 0951 and 1007. Installed w/ + p<br>with new coning bolts and nuts. Stretched<br>to manufacturers specifications and drilled<br>and counterbored. Tracked and balance of<br>MR system to .12 IPS. All work performed<br>IAW the manufactures service manual. |
|          |                          |  451597610 IA                                                                                                                                                                                                                                                            |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                             |
|------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                          | N121SE S/N 2747 AIRFRAME Hobbs 2952.5<br><br>Installed new spindles S/N 20004 and 20005 on<br>4/18/2012 at hobbs: 2952.5. These spindles were installed<br>into new blades by Robinson Helicopter. All work<br>performed iaw the manufactures service manual. |
|      |                          | <br>Jarrell Allen 451597610 IA 4/18/2012                                                                                                                                   |

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

11/20/10 3001.8 Hobbs: 2718.1 N121SE S/N 2747

I certify that this airframe has been inspected IAW an annual inspection and was found to be in an airworthy condition. CW AD 2007-26-12 block AD, by visual, 10X and tap test. All work performed IAW the manufacturer's service manual.

Jayell Allen A&P 451597610 IA

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

9/8/11 3057.8 Hobbs: 2774.2 N121SE S/N 2747

Removed Lycoming engine model # O-360-J2A S/N L-29583-36A and installed Lycoming engine model # O-360-J2A S/N L-40703-36E on this airframe S/N 2747.

10/19/11 Hobbs 2827.0 ACTT 3110.6

CW 100hr/Annual inspection per RHC MM checklist.

Verified AD 2010-24-03 has been PCW by installation of safety Tabs. CW AD 2011-12-10.

Installed new air filter. I certify that this aircraft has been inspected with an annual and 100 hr inspection and determined to be in airworthy condition. Jayell Allen

12/15/11 2887.0

A&P 3160050 IA

Dynamically balanced fanwheel assy to #2 IP9 and returned to service. Jayell Allen A&P 3160050

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

**Date:** 5/3/08 **Hobbs Time:** 2783.5 **ACTT:** 2783.5 I certify this aircraft has been inspected in accordance with a 100/300 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, inspected and serviced SB 89 A184 upper and lower bearings. Removed and Replaced Fan Shroud Bracket IAW RHC Maintenance Manual. Removed and Replaced Nose Seal in accordance with Lycoming Service Instructions # 134A. Removed and Replaced the T/R Gear Box P/N A021-1 S/N 1472 with Overhauled T/R Gear Box P/N A4021-1 S/N 0335 IAW RHC Maintenance Manual. Balanced Fan .15 IPS Balanced T/R .05 IPS

Signed Randy Simoneaux A&P 436251550

**Date:** August 10, 2008 **Hobbs Time:** 2883.0 **ACTT:** 2883.0

I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. I approve this aircraft for return to service with respect to the work performed.

Signed Nancy E. Gudiel A&P 3028945

**Date:** August 10, 2008 **Hobbs Time:** 2883.2 **ACTT:** 2883.2

Tail Rotor Gearbox was drained and flushed after first 100 hour inspection after installation on May 3, 2008 Hobbs: 2783.5 in accordance with Robinson Helicopter Maintenance Manual 1.110 & 1.130. I approve this aircraft for return to service with respect to the work performed.

Signed Nancy E. Gudiel A&P 3028945

New Hobbs on 22 Aug 08

9-24-08 2928.3 Pilot reported battery weak. Trouble shot to a bad A15A diode. Replaced diode PN A15A. Op chk good. I certify this A/C for return to service with respect to the work performed.

## INSPECTION RECORD

F.A.R. 43.11-91.409

**Date:** October 07, 2008 **N121SE SN 2747 H.M:** 2644.6 **ATT:** 2928.3

100/Annual inspection was completed in accordance with RHC MM and Appendix D Part 43 and 43.15 of the F.A.R.'s. Installed new magnetic chip detector P/N B566-2. Installed new battery P/N RG-25XC. Complied with SB-98. Completed Blade AD 2007-26-12 by visually inspecting with 10X mag and tap test. Cleaned inspected and painted minor spot corrosion on Cyclic, pedals and collective. I certify this A/C is in an Airworthy Condition in accordance with the requirements of an Annual Inspection.

Signed Mark Osborne A&P 2829664 IA

**Date:** January 23, 2009 **Hobbs Time:** [REDACTED] **ACTT:** [REDACTED] **ETT:** 9922.8 **Hobbs:** 2713.8

I certify this aircraft has been inspected in accordance with a 100/300 hour inspection per RHC maintenance checklist. During inspection found lower fan shaft bearing outer hub had wear. Removed lower fan shaft bearing PN A007-5 SN 3018 and installed Servicable Overhaul bearing with 0 TSO from RHC IAW RHC MM. New/ OVH lower fan shaft bearing PN A007-5 SN 6805. Replaced air filter, inspected and serviced SB 89 A184 upper and lower bearings. Fan Balance 4.20 @ .12 IPS. I certify that this aircraft is airworthy condition with respect to the work performed above.

Signed Randy Simoneaux A&P 436251550

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|      |                             |                                                                                                                                   |

Date: May 9, 2007 Hobbs Time: 2117.3 ACTT: 2117.3 I certify this aircraft has been inspected in accordance with a 100/300 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, inspected and serviced SB 89 A184 upper and lower bearings. Balanced fan .10 IPS. Signed Nancy E. Gudiel A&P 3028945

Aircraft Reg No: N121SE Aircraft S/N 2747  
A/C Total Time: 2199.6 Tach Time: 2199.6

I Certify that this Aircraft has been inspected in accordance with an annual inspection as per Robinson Maintenance Manual Model R22 100hr/Annual and was determined to be in an airworthy condition.

Raylond Romero  
A&P 2820299 IA Signature: Raylond Romero Date: 9/12/07

Date: 10-2-07 Hobbs Time: 2299.1 ACTT: 2299.1 I certify this aircraft has been inspected in accordance with the first 100 hour inspection per RHC maintenance checklist. Drained & flushed the tail rotor gearbox and was determined to be in an airworthy condition. Replaced air filter. Signed Randy Simonneau A&P 436251550

Date: 11-6-07 Hobbs Time: 2399.0 ACTT: 2399.0 I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter. Signed Mohammed AP2829664

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|      |                             |                                                                                                                                   |

Date: 12/1/07 Hobbs Time: 2498.5 ACTT: 2498.5 I certify this aircraft has been inspected in accordance with a 100/300/400 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, inspected and serviced SB 89 A184 upper and lower bearings. Balanced fan .09 IPS. Signed Randy Simonneau A&P 436251550

Date: 1-22-08 Hobbs Time: 2595.5 ACTT: 2595.5 I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter. Signed Nancy Gudiel A&P 3028945

Date: 1-22-08 N: N121SE Hobbs: 2594.5 Total Time: \_\_\_\_\_  
I certify that the above referenced aircraft was inspected in accordance with AD2007-26 12, Paragraph (c) and was found to be airworthy with respect to the action performed. Signed: T. J. [Signature] Cert. # 37791CFE 0/8

Date: 3-7-08 Hobbs Time: 2691.9 ACTT: 2691.9 I certify this aircraft has been inspected in accordance with a 100/500 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, inspected and serviced Track & Balance Main Rotor Blades to 2100 9:19. Signed Mohammed AP2829664

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Date: Sept 30, 2006 Hobbs Time: 1533.1 ACTT: 1533.1 I certify this aircraft has been inspected in accordance with an 100/300 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, inspected and serviced A184 upper bearing.

Signed [Signature] A&P 3020945

Date: Oct 13, 2006 Hobbs Time: 1632.7 ACTT: 1632.7 I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter. Signed [Signature] A&P 3020945

Date: Nov 27, 2006 Hobbs Time: 1732.7 ACTT: 1732.7 I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter. Signed [Signature] A&P 3020945

Date: 01-Jan-07 Hobbs Time: 1815.1 ACTT: 1815.1 I certify this aircraft has been inspected in accordance with an 100/300/500 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter, drained, flushed, and serviced MR and TR gearboxes with A257-2 gear oil, inspected MR blade spindles I.A.W. A.D. 88-26-01 R2, inspected and serviced A184 upper and lower bearing. Inspected tail rotor pitch bearing. . Balanced M/R to .18 ips @ 2:40, T/R .18 ips @ 2:37, Fan .14 ips @ 2:38.

Signed [Signature] A&P 436251550

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Aircraft Reg No: N121SE Aircraft S/N 2747

A/C Total Time: 1815.1 Tach Time: 1815.1

I certify that this Aircraft has been inspected in accordance with an annual inspection as per Robinson Maintenance Manual R22 chg 25606 and was determined to be in an airworthy condition.

Raylond Romero  
A&P 2820299 IA

Signature: [Signature] Date: 2/1/2007

Date: 3-06-07 Hobbs Time: 1915.1 Aircraft Total Time: 1915.1  
I certify this aircraft has been inspected in accordance with an 100 Hour inspection per RHC maintenance manual and was determined to be in an airworthy condition. Replaced airfilter.

Signed [Signature]

3-06-07 1915.1 Removed and installed left Magneto P+ #BL-601644-201  
serial # E06-A1072R. Timed to Right Mag  
IAW RHC service Manual [Signature] AP2829664

Date: 4-2-07 Hobbs Time: 2015.1 ACTT: 2015.1 I certify this aircraft has been inspected in accordance with an 100 hour inspection per RHC maintenance checklist and was determined to be in an airworthy condition. Replaced air filter. Signed [Signature] A&P 2744010

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE     | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                        |
|----------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-30-03 | 1243.4                   | I certify that this aircraft was inspected in accordance with an 100 HR inspection using the manufactures checklist and was determined to be in air worthy condition. Replaced air filter, Preplaced TR PC LINKS, Balanced tail: 105 Malinfa AP622039694 |
| 10-30-03 | 1243.4                   | I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in air worthy condition. Malinfa AP622039694                                                                                                 |
| 11/30/04 | 1338.8                   | I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in air worthy condition. Malinfa AP622039694                                                                                                 |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE                                                                                                                                                                                                                                                                                                                                                                                        | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Registration: <u>N121SE</u> Make: <u>Robinson</u> Model: <u>R22</u> Serial Number: <u>2747</u><br>Date: <u>01/10/06</u> Aircraft Total Time: <u>1433.1</u> Aircraft Hobbs: <u>1433.1</u> TSOH: <u>1433.1</u><br>Next 100 HR Due: <u>1533.1</u> Next Annual Due: <u>01/07</u> Transponder Due: <u>INOP</u> Elt Due <u>N/A</u><br>Next 300 HR Due: <u>1590</u> Next 500 HR Due: <u>1838.9</u> |                          |                                                                                                                                   |
| I certify that this aircraft was inspected in accordance with and annual/100/ hr inspection per RHC maintenance checklist and was determined to be in an airworthy condition.                                                                                                                                                                                                               |                          |                                                                                                                                   |
| All work performed in accordance with the applicable manufactures maintenance manual                                                                                                                                                                                                                                                                                                        |                          |                                                                                                                                   |
| 1 Replaced air filter PN: A771-1<br>2. Installed protective clamp on right side upper frame<br>3. Replaced grommet on pitot line in mast fairing<br>4. Replaced pilot operation handbook<br>5. Replaced pilot start checklist<br>6. Run-up leak checked ok                                                                                                                                  |                          |                                                                                                                                   |
| Signature: <u>Robert Sten</u>                                                                                                                                                                                                                                                                                                                                                               |                          | Certificate: <u>AP/TA493802176</u>                                                                                                |
| Vortex Helicopters, Inc.<br>7120 Jones Truck Line Rd.<br>Long Beach MS 39560<br>(228) 864-7357                                                                                                                                                                                                                                                                                              |                          |                                                                                                                                   |
| Date: <u>19 Sept 06</u> Hobbs Time: <u>1483.3</u> I certify this engine has been inspected in accordance with an 50 Hour inspection per RHC maintenance manual and was found to be in an airworthy condition. Plugs were cleaned, gapped, rotated, oil filter/screens replaced and/or checked <u>6</u> quarts of Aeroshell 100+ serviced.                                                   |                          |                                                                                                                                   |
| Signed: <u>Robert Sten</u>                                                                                                                                                                                                                                                                                                                                                                  |                          | <u>ASP 493802176</u>                                                                                                              |

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE    | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                         |
|---------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3-24-01 | 964.5                    | I certify that this aircraft was inspected in accordance with a 100HR inspection using manufactures checklist and was determined to be in airworthy condition. <i>AP 88-26-01 RZ</i><br>Drained, flushed, serviced MR & TR 6301C.<br>Replaced A432-1 Guide assy. Repaired oil cooler ducting.<br>Service Clutch Bearing. Balanced fan .03 IPS.<br>Balanced MR .1 IPS. <i>AP 622039691</i> |
| 8/20/01 | 1004.7                   | Compted with SB 89,90 <i>AP 622039691</i>                                                                                                                                                                                                                                                                                                                                                 |
| 2/19/02 | 1048.3                   | I certify that this aircraft was inspected in accordance with a 100HR inspection using manufactures checklist and was determined to be in airworthy condition. Replaced A139-1 MR stationary line BZG. Replaced A11 soundproofing. Removed fire extinguisher. Replaced Battery 323 <i>AP 622039691</i><br>Balanced Fan .10 IPS Tail .05 IPS<br>MR .07 IPS <i>AP 622039691</i>             |

# INSPECTION RECORD F.A.R. 43.11-91.409

| DATE    | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                               |
|---------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2/19/02 | 1048.3                   | I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.<br><i>AP 435555850 IA</i>                                                                                                                              |
| 1/19/03 | 1146.1                   | I certify that this aircraft was inspected in accordance with an 100HR inspection using manufactures checklist and was determined to be in airworthy condition. Replaced air filter. Adjusted engine height. Throttle correlation. Replaced TR PC link, w/ 1790-14 BULB.<br><i>AP 622039691</i> |
| 1/19/03 | 1146.1                   | I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>AP 622039691 IA</i>                                                                                                                                      |

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE    | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                           |
|---------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8-22-98 | 199.9 HOBBS                 | <p>C/W 100 HR INSPECTION IAW RHC INSP. GUIDE<br/>ADJUSTED SHEAVE ALIGNMENT TO WITHIN SPECS.<br/>I CERTIFY THAT THIS <del>ROTORCRAFT</del><br/>HAS BEEN INSPECTED IN ACCORDANCE<br/>WITH A <u>100 HR</u> <u>4/0 532</u><br/>INSPECTION AND WAS DETERMINED TO<br/>BE IN AIRWORTHY CONDITION.<br/>SIGNED <u>James A. Smith</u> CRS BJD366A</p> |

|          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-13-98 | 299.5 HOBBS | <p>→ DATE <u>10/13/98</u> A/C TIME <u>299.5 HOBBS</u><br/>ENG TIME <u>299.5</u> W.O.# <u>448</u><br/>I CERTIFY THAT THIS <del>ROTORCRAFT</del> HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH A<br/><u>100 HR / ANNUAL</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. Approved for return to service under<br/>above referenced work order.<br/>SIGNED <u>James A. Smith</u><br/>FOR HELICOPTER FLIGHT, INC., CRS BJD366A</p> |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE    | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                                                                          |
|---------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-29-99 | 400.0                       | <p>HOBBS -<br/>DATE <u>1-29-99</u> A/C TIME <u>400.0</u><br/>ENG TIME <u>400.0</u> W.O.# <u>468</u><br/>I CERTIFY THAT THIS <del>ROTORCRAFT</del> HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH A<br/><u>100 HR</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. Approved for return to service under<br/>above referenced work order.<br/>SIGNED <u>Chris Minkley</u><br/>FOR HELICOPTER FLIGHT, INC., CRS BJD366A</p> |

|           |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 OCT 99 | 701.1 HOBBS | <p>DATE <u>16 OCT 99</u> A/C TIME <u>701.1</u><br/>ENG TIME <u>701.1</u> W.O.# <u>578</u><br/>I CERTIFY THAT THIS HELICOPTER HAS BEEN<br/>INSPECTED IN ACCORDANCE WITH A<br/><u>100 HR / ANNUAL</u> INSPECTION<br/>AND WAS DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. Approved for return to service under<br/>above referenced work order.<br/>SIGNED <u>James A. Smith</u><br/>FOR HELICOPTER FLIGHT, INC., CRS BJD366A<br/>See WO# 578</p> |
|-----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 23 APR 13          | 3,393.4                  | Replaced all interior pieces with new RHC interior pieces - Floor carpet & form, new document holder. New co-pilots map holder. 4 new seat pieces. | JAS<br>A&P 362511                                           |

Los Angeles Helicopters, LLC  
3333 E. Spring St. Suite #134, Long Beach, CA 90806

Date: 10/13/2015; Aircraft: N121SE; Type: R22 BETA 2; S/N: 2747; Hobbs: 3652.70; Total Time: 3936.40; Engine - Type: 0-360-J2A, S/N: L-40703-36E, Time: 1427.60, SMOH: 1427.60

- Complied with AD 88-26-01 R2 MR Spindles Inspection.

This Aircraft is Approved for Return to Service

*Andres Chavez*

Andres Chavez A&P 3674752

# INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE      | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE                                                                                                                                                                                                                                                                                                                 |
|-----------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09-18-97  | 5.0                      | FAA Production Flight Test Satisfactory <i>David J. Longhi</i> 553254645                                                                                                                                                                                                                                                                                                                                                                          |
| 08 Oct 97 | 5.2                      | I find that this rotorcraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>08 October 1997</u><br><br><i>John Norton</i> ANM-346088-DMR<br>Authorized Signature & Number                                                                                                                                                                                                    |
| 19 JUN 98 | 94.2                     | HOBBBS d/W 100 HR INSPECTION IAW ROBINSON R-22 INSPECTION GUIDE. DRAIN & FLUSH MRBB - SVC E 1.5 QT A GEAR LUBE. CHANGE TRGB OIL - SVC E TO CC A GEAR LUBE. ADD COLLECTIVE FRICTION TO SPEC LUBE UPPER SHAFT BRNG. MOBIL 28 - RUNUP & LEAKCHECK SATISFACTORY -<br><br>I CERTIFY THAT THIS ROTORCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR - <i>James L. Price</i> 51476444324 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED | CERTIFICATE NO. D/RETURNED TO SERVICE |
|--------------------|--------------------------|-------------------------------|---------------------------------------|
|--------------------|--------------------------|-------------------------------|---------------------------------------|

Date: 4-28-08 Hobbs Time 2776.3 ACTT 2776.3 ETT 9701.6  
 Removed Aux Fuel line P/N B141-C for fuel leak. Installed Aux Fuel line P/N B141-C IAW RHC MM. Leak checked OK. I approve this A/C for return to service with respect to the work performed.  
 Signed: Zachary Puryear AP#: 3271018

N121SE SN 2747 August 22, 2008 Hobbs: 2613.0 Old Hobbs: 2896.7 ACTT: 2896.7  
 Pilot reported Hobbs meter Inop. Hobbs reading at 2896.7 removed and replaced with Serviceable hobbs PN D830-1 reading at 2613.0. Tested Hobbs check ok.  
 Signed: Nancy E. Gudiel A&P 3028945  
 ADD + 283.7

|              |             |                                                                                                                                                                                             |
|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30 April '08 | ACTT 2781.2 | A+ Hobbs time 2781.2 pilot reported inop MR chip detect test circuit. Found broken ground lead. Replaced lead. I approve this A/C for return to service with respect to the work performed. |
|              |             | Nathan Lovell AIP #pending                                                                                                                                                                  |

10-15-08 2644.6 Installed new B233-1. Nathan Lovell AP2829664IA

12-10-08 N121SE HOBBS: 2693.4 ATT: 2977.1 ENGTT: 9902.4  
 Pilot reported improper carburetor heat operation due to missing carb heat lock mechanism. Carb heat lock mechanism was replaced with new. Carb heat lock ops check normal. I certify this aircraft for return to service with respect to the work performed.  
 Signed: Nathan Lovell A&P 3287568

Date: 5-10-08 Hobbs Time: 2783.9 Power will no come on. Found blown relay. Installed new P/N A15A and P/N 01009214. Ops checked normal. I approve this A/C for return to service with respect to the work performed. Signed: Nathan Lovell AP2829664

Date January 28, 2009 N121SE SN 2747 Hobbs: 2716.6 ACTT: 3000.3  
 Removed Main Rotor Blades PN A016-4 SN 2613B, PN A016-4 SN 2917B and Horizontal Stabilizer PN A044-1 SN 6078 IAW RHC MM in order to facilitate aircraft transportation.  
 Signed: Nancy E. Gudiel A&P 3028945

Date June 18, 2008 ACTT 2829.0 <sup>2P</sup> 2737.4  
 T/R gearbox sight glass clouded. Removed sight glass, cleaned, reinstalled, torqued, and saftied. Serviced T/R Gearbox with oil and torqued and saftied drain and vent. I approve this A/C for return to service with respect to work performed. Zachary Puryear A+P 3271018

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                              | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 10-31-07           | Hobbs 2284.3             | Removed Governor Controller Assembly P/N B286-2 H S/N 2002 and installed Serviceable Governor Controller Assy. P/N B286-2 H S/N 1434 IAW RHC MM. This Part has O TSO and OPS Check normal. Mark Osborn AP2829664 | Mark Osborn AP2829664                                       |
| 11-19-07           | Hobbs 2449.6             | Removed and Replaced Lower Vertical Stabilizer P/N A 043-1 IAW RHC MM. Mark Osborn AP2829664                                                                                                                     | Mark Osborn AP2829664                                       |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
|                    |                          | Date: 12/16/07 Hobbs Time: 2504.4 ACTT 2504.4 N121SE s/n# 2747. Governor control reported fluctuating. Removed governor P/N B286-2, S/N 1434 and Replaced with serviceable governor control P/N B286-2, S/N 0451, performed ground run and checked of governor. No defects noted, all work performed IAW RHC M&M, This aircraft has been inspected/repared and found to be in an airworthy condition and is approved for an operational check flight.<br>Signed <u>[Signature]</u><br>A&P# 574286822 |                                                             |
|                    |                          | Date: 12/16/07 Hobbs Time: 2504.4 ACTT 2504.7 <sup>0.3</sup> N121SE s/n# 2747. C/W operational checked flight For replacement of governor control. No defects noted This aircraft was found to be in an airworthy condition and is approved for return to service.<br>Signed <u>[Signature]</u><br>Pilot# CFT 3088884 604                                                                                                                                                                            |                                                             |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                              | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 10-31-07           | Hobbs 2284.3             | Removed Governor Controller Assembly P/N B286-2 H S/N 2002 and installed Serviceable Governor Controller Assy. P/N B286-2 H S/N 1434 IAW RHC MM. This Part has O TSO and OPS Check normal. Mark Osborn AP2829664 | Mark Osborn AP2829664                                       |
| 11-19-07           | Hobbs 2449.6             | Removed and Replaced Lower Vertical Stabilizer P/N A 043-1 IAW RHC MM. Mark Osborn AP2829664                                                                                                                     | Mark Osborn AP2829664                                       |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
|                    |                          | Date: 12/16/07 Hobbs Time: 2504.4 ACTT 2504.4 N121SE s/n# 2747. Governor control reported fluctuating. Removed governor P/N B286-2, S/N 1434 and Replaced with serviceable governor control P/N B286-2, S/N 0451, performed ground run and checked of governor. No defects noted, all work performed IAW RHC M&M, This aircraft has been inspected/repared and found to be in an airworthy condition and is approved for an operational check flight.<br>Signed <u>[Signature]</u><br>A&P# 574286873 |                                                             |
|                    |                          | Date: 12/16/07 Hobbs Time: 2504.4 ACTT 2504.7 <sup>023</sup> N121SE s/n# 2747. C/W operational checked flight For replacement of governor control. No defects noted This aircraft was found to be in an airworthy condition and is approved for return to service.<br>Signed <u>[Signature]</u><br>Pilot# CFT 308884 604                                                                                                                                                                             |                                                             |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                                                                                                                                                                                                                                    | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 01-12-07           | 1802.4                   | Removed and installed clutch shaft and sprag clutch<br>IAW Robinson R22 Maintenance Manual, Malabar AP2829664<br>checked sheave Alignment. ————— end —————                                                                                                                                                                                                                                                             |                                                             |
| 1-23-07            | 1813.0 ACTT              | Removed actuator part # A051-1 S/N 3472 and installed serviceable actuator part # A051-1 S/N 2648 TSO & IAW Robinson R22 maintenance Manual Section 7.5.<br>Renee Semerew AP 43625155-0                                                                                                                                                                                                                                |                                                             |
| 1-24-07            | 1813.4                   | Removed and Replaced TR Blade PT# A029-1 Ser# 9295F<br>Removed TR Blade PT# A024-1 Ser 9303 F, Removed TR Hub PT# A030-1 Ser 3428 Removed TR Pitch Control PT# A031-1 Ser 3297. Install serviceable TR Blade PT# A029-1 Serial# 12103 E<br>Installed TR Blade PT# A029-1 Ser# 12124 D, Installed serviceable TR Hub PT# A062-2 Ser 1321, Installed serviceable TR Pitch Control PT# A031-1 Ser# 3260 Malabar AP2829664 |                                                             |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                                                                                                                                                                                                        | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
|                    |                          | Date 6/11/2007 Hobbs Time 2180.6<br>Found cracks on V-Belts. Removed and replaced in accordance with RHC MM. Time on belts 1609.5. Balanced fan to .10PS @ 9:04. Signed <u>M. J. Gudiel</u> AP 3028945<br>Nancy E. Gudiel A & P 3028945                                                                                                                                                    |                                                             |
|                    |                          | Date: 8/22/2007 Hobbs Time 2199.6 AC TT 2199.6 Engine TT 2199.6 Removed this Engine Serial # L-35650-36A from AC Serial # 2747 To facilitate Overhaul I.A.W. R.H.C. MM. Signed <u>Malabar</u> AP2829664                                                                                                                                                                                    |                                                             |
|                    |                          | Date 8-7-2007 Hobbs 2199.6 ACTT 2199.6 ENGTT 9124.9 Installed this engine Pt# O-360-J2A Ser# L-29583-36A onto A/C N121SE Ser# 2747 from A/C 505CK Ser# 3154 Compressions and the valve wobble check were completed I.A.W. RHC MM. Compressions 1.) 68/80 2.) 70/80 3.) 74/80 4.) 74/80 Wobble Check: 1.) .026, 2.) .019 3.) .021, 4.) .016. I.A.W. RHC MM. Signed <u>Malabar</u> AP2829664 |                                                             |
|                    |                          | Date September 12, 2007 Hobbs: 2199.6 ACTT: 2199.6 ETT: 9124.9<br>The items on the attached checklist were replaced and/ or inspected I.A.W. R.H.C. MM Section 2.710, except for the MR track and balance, by the corresponding mechanics adjacent. Signed: <u>Malabar</u> AP2829664                                                                                                       |                                                             |
|                    |                          | Date: September , 2007 Hobbs: 2200.5 ACTT: 2200.2 500HR Due: 2599.6<br>Track and Balanced Main Rotor Blades, Tail Rotor, and Fan for the completion of RHC MM Overhaul requirements. MR Balance . 16 @ 8:17, TR Balance . 07 @ 6:36, and Fan Balance . 18 @ 3:08. Signed <u>Malabar</u> AP 3028945                                                                                         |                                                             |

# MAINTENANCE RECORD

F.A.R. 43.9

Precision Aircraft Services  
PO Box 60273  
San Angelo, Tx. 76906  
915 949 0643

10-19-2000 Hobbs 899.1 N121SE  
CW AD 2000-20-51 SB 88A by replaced A203-5 yoke with new KI 152 kit,  
lot 16, rev. N/C.

Frank E. Hinds  
IA2042285

Precision Aircraft Services  
PO Box 60273  
San Angelo, TX. 76906  
915 949 0643

10-30-2000 Hobbs 914.2 N121SE  
Tracked main rotor blades per Robinson and Chadwick instructions.  
Checked good.  
Frank E. Hinds  
IA2042285

MED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

11-30-04

1338.8

Replaced the following parts: Strobe lens, A432-1  
PP tube guide. Performed the following  
inspection. Serviced upper bearing, refitted  
+ R Swashplate 20317. Drained serviced  
TR GB on, checked MR GB + TR GB chip detectors  
Mup Jm AP 602039691

11/30/04

1338.8

Replaced MR Blade + Removed + installed  
fan to service lower BRG + Replaced  
relatemp. Balanced fan. .05 IPS  
Balanced MR .04 IPS. 27.1/2 138355358

1-21/03

1147.3

Tracked + Balanced MR .05 IPS mfl AP 622639691

4-16-04

7289.8

Replaced cable on BELT REMOVAL Actuator Mup Jm  
AP 463 802176

11/9/06

1697.9 Hobbs

Replaced V3-1001 switch on actuator assy & balanced  
fan to .15 ips all work done TAW Robinson Maint. Manual  
Mup Jm AP 2995560

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|



Mercury Air Center - JAN  
Jackson International Airport  
Jackson, Ms 39208  
601-939-9366

## Aircraft Log Entry

Reg. No.: N121SE Serial No.: 2747 Date: 04-06-0  
Tach: 770.1

Removed and replaced taxi and landing lamps p/n 4509. Ops. ck. good.  
Removed and replaced worn tail rotor hub bearings with new parts. PN# B115-1, ops chk good. Patched/repared crack in mast fairing.

I certify this aircraft is airworthy with respect to the work performed and is approved for return to service. Pertinent details are on file at this office under Shop Order 21457  
Signed: *[Signature]* AP 428232678

# MAINTENANCE RECORD

F.A.R. 43.9

Precision Aircraft Services  
PO Box 60273 San Angelo, Texas 76906 915-949-0643 fax 915-949-5241

Date 5-19-00 N121SE 797.7 hrs. TT  
Cleaned and inspected helicopter. Checked all systems and components per inspection guide. Track and balanced main rotor blades with chadwick. Replaced TR pitch links. Serviced main rotor transmission. C/W SB 10 inspected A181 and A184 sheave bearings. (due every daily) C/W SB 44 A185 lower Brg bracket inspected. (Due 100 hrs) AD 2000-0809 Sprague clutch DNA by Sn 4838 installed.

I certify that this helicopter has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.

Frank E. Hinds  
IA2042285

*[Signature]*

Precision Aircraft Services  
San Angelo, Texas 915-949-0643

10-13-2000 Hobbs 892.0 N121SE

Cleaned and inspected helicopter. All systems and components inspected per inspection guide. Repaired instrument post lights. C/W AD 2000-20-51 by inspection of A203-5 yoke. Due 1<sup>st</sup> flight of each day. Repaired co-pilot inter com switches both floor switch and cyclic switch. Replaced bad teletemp taps.

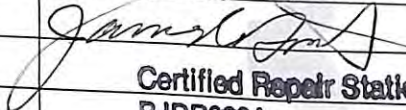
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Frank E. Hinds  
IA2042285

*[Signature]*

# MAINTENANCE RECORD

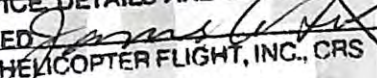
F.A.R. 43.9

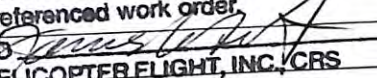
| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                 | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 17 Feb 99          | 416.3 Hubs               | Removed P/N A 432-2 D<br>Push Pull Tube Guide - Installed<br>New Push Pull Tube Guide<br>IAW Instructions in Robinson<br>Maint. Manual Chapters 5+8.<br>Op CK OK.                                   | Clyde J. Mending<br>Helicopter Flight, Inc.<br>BJDR 366A    |
| 3-29-99            | 456.3 Hubs               | C/W AD 99-07-17 BY RHC SB 85 PART "A"                                                                                                                                                               |                                                             |
|                    |                          | <br>Certified Repair Station<br>BJDR366A                                                                           |                                                             |
| 4-28-99            | 500.0 Hubs               | C/W RHC SB 85 PART "B" REPLACEMENT OF<br>A188-2 SPRAGUE CLUTCH ASSY. THIS ACTION<br>RETURNS AD 99-07-17. C/W W/R SPINDLE INSPECTION<br>PER AD 88-26-01 R2. TRACKED & BALANCED TO<br>WITHIN .15 IPS. |                                                             |

NEXT PAGE

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                                                                                                                                                                                                                                                                 | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 4-28-99            | 500.0                    | C/W 100 HR INSPECTION<br>DATE 4-28-99 ACTIME 500.0<br>ENG TIME 500.0 W.O.# 507<br>THE MAINTENANCE OPERATIONS DESCRIBED<br>ABOVE WERE INSPECTED AND, WITH RESPECT<br>TO THE WORK PERFORMED, THE AIRCRAFT AND/<br>OR COMPONENT IS AIRWORTHY FOR RETURN TO<br>SERVICE. DETAILS ARE ON FILE.<br>SIGNED <br>FOR HELICOPTER FLIGHT, INC., CRS BJDR366A | THIS EVENT                                                  |
| 7/17/99            | 600.1                    | C/W RHC SB 85 PART "B" REPLACEMENT OF<br>A188-2 SPRAGUE CLUTCH ASSY. THIS ACTION<br>RETURNS AD 99-07-17. C/W W/R SPINDLE INSPECTION<br>PER AD 88-26-01 R2. TRACKED & BALANCED TO<br>WITHIN .15 IPS.                                                                                                                                                                                                                                 |                                                             |

DATE 7/17/99 ACTIME 600.1  
ENG TIME 600.1 W.O.# 546  
I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH A  
100 HOUR INSPECTION  
AND WAS DETERMINED TO BE IN AIRWORTHY  
CONDITION. Approved for return to service under  
above referenced work order.  
SIGNED   
FOR HELICOPTER FLIGHT, INC., CRS BJDR366A

# MAINTENANCE RECORD

## F.A.R. 43.9

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED                                                                                                                                     | AGENCY & CERTIFICATE NO.<br>WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| 7-20-98            | 101.3 HOURS              | REMOVED A051-1 CLUTCH ACTUATOR FOR WARRANTY REPAIR. S/N OUT 3472<br>LOANER IN S/N 1513. LOANER HRS. 1302.2.<br>RIGGED ENGAGE TIME TO 2 6 SEC. — H<br>James W. [Signature] ATP 476444524 |                                                                |
| 7-24-98            | 120.3 HOURS              | REMOVED LOANER ACTUATOR & REPLACED S/N 3472. TIME ON PART CONTINUES @ 101.3 HRS. RIG CHECK GOOD —<br>James W. [Signature] ATP 476444524                                                 |                                                                |
| 8-31-98            | 211.2 HOURS              | REMOVED + REPLACED CHT PROBE & NEW P/N 3038-38. OPS ✓ SATISFACTORY —<br>James W. [Signature] ATP 476444524                                                                              |                                                                |
| 1-19-99            | 385.7 HOURS              | Removed tail Rotor output shaft seal P/N A966-2<br>Installed same P/N, IAW Robinson Maintenance manual.<br>Leak check OK.<br>Clyde J. Meilinger ATP 502842318                           |                                                                |

# RADIO & ELECTRONIC CHECKS

| DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY:<br>SIGNATURE — CERT. N |
|------|------------|-------------------|---------------|------------------|----------------|------------------------------------|
|------|------------|-------------------|---------------|------------------|----------------|------------------------------------|

I certify that the transponder test required by FAR 91.413 and the pitot static system inspection required by FAR 91.411 have been performed and found to comply with FAR 43. Appendix F and E, respectively.

Transponder make/model Bendix/King K176A

Altimeter tested to 20,000 ft

Aircraft Registration N125E

Date 5/27/15 W/O 1047

Inspector Tommy Land

Sevier County Choppers CRS V68R343M

# RADIO & ELECTRONIC CHECKS

| DATE                                                                                                                                                                                                                                                                       | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|---------------|------------------|----------------|-----------------------------------|
| LOG BOOK ENTRY N121SE S/N 2747 HOBBS: 1878.3 WO # 07-097 DATE: 02-20-2007                                                                                                                                                                                                  |            |                   |               |                  |                |                                   |
| The following maintenance was performed on this aircraft:<br>Removed blind encoder P/N D120-P2 S/N 75769 due to being out of calibration. Installed encoder P/N SSD120-30A- 125232 S/N SRA 12202. Complied with pitot pressure system check – no defects noted.            |            |                   |               |                  |                |                                   |
| Complied with transponder & integrated systems certification of system with IFR-6000 transponder test set                                                                                                                                                                  |            |                   |               |                  |                |                                   |
| This aircraft, engine, and/or component (s) was repaired, overhauled, and/or inspected in accordance with current FAA regulations and was found airworthy for return to service for work performed. Pertinent details are on file at this agency under work order # 07-097 |            |                   |               |                  |                |                                   |
| Signed: <u>Ra [Signature]</u> Date: 02-20-2007 for Arrow Aviation Co. LLC 1318 Smede Highway, Broussard, LA 70518 CRS# Y3AR527Y                                                                                                                                            |            |                   |               |                  |                |                                   |

## INTEGRATED SYSTEMS

Automatic Pressure altitude reporting systems tested as Required by FAR 91.411 IAW FAR 43, Appendix "E", Para. (c)  
Date 02/20/07 Signature [Signature]  
FAA Approved Repair Station # Y3AR527Y  
Arrow Aviation 1318 Smede Hwy  
Broussard, LA 70518

## ATC TRANSPONDER

ATC Transponder test and inspections as required by FAR 91.413 IAW FAR 43, Appendix "F", have been performed.  
Transponder Model KT76A SN 116131  
(Date) 2/20/07 Signature [Signature]  
FAA Approved Repair Station # Y3AR527Y  
Arrow Aviation 1318 Smede Hwy  
Broussard, LA 70518

# RADIO & ELECTRONIC CHECKS

| DATE                                                                                                                                                                                                         | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|---------------|------------------|----------------|-----------------------------------|
| South Central Avionics LLC<br>CRS#9S9R372B<br>Performed test required FAR CFR 91.413 IAW CFR 43 appendix F. WO# <u>1182</u><br>Signed: <u>[Signature]</u> Date <u>11/19/10</u><br>Next due date <u>11/12</u> |            |                   |               |                  |                |                                   |



Bragg Avionics, Inc. • 855 St. Johns Bluff Road • Jacksonville, FL 32225  
(904) 564-1717 • (904) 564-1718 • www.braggavionics.com  
FAA Repair Station #UV1R546K

| Registration No. | Aircraft Make | Aircraft Model | Aircraft SN | Work Order Date | Work Order No. |
|------------------|---------------|----------------|-------------|-----------------|----------------|
| N121SE           | Robinson      | R22            | 2747        | 12/12/2012      | 4465           |

I certify that the transponder tests, including data correspondence, required by CFR 91.217, 91.411, and 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Perform transponder biennial test PNKT76A SN 116113. Perform data correspondence test to 20,000 feet.

Next VFR Due: 12/12/14

For details see work order. The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the work order are on file at this agency.  
Signature: [Signature]



# RADIO & ELECTRONIC CHECKS

| DATE      | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY:<br>SIGNATURE — CERT. NO. |             |
|-----------|------------|-------------------|---------------|------------------|----------------|--------------------------------------|-------------|
|           |            |                   |               |                  |                | SIGNATURE                            | CERT. NO.   |
| 17 SEP 97 | 0          | KY197A            | FUNCTIONAL    | OK               | N/A            | R Veg                                | RHC PC424WE |
| 03 SEP 97 | 0          | KT76A             | FUNCTIONAL    | OK               | 24 CAL MONTHS  | R Veg                                | RHC PC424WE |
| 03 SEP 97 | 0          | D120-P2-T         | FUNCTIONAL    | OK               | 24 CAL MONTHS  | R Veg                                | RHC PC424WE |

THE FOLLOWING TRANSPONDER HAS BEEN TESTED PER FAR 91.413 AND HAS BEEN FOUND TO COMPLY WITH FAR PART 43, APPENDIX F: (A804 AND C804 INSTAL. RECORDS ARE ON FILE AT RHC)

MFG: Bendix/King MODEL KT76A S/N 114358

SIGNED R Veg DATE 03 SEP 1997

ROBINSON HELICOPTER COMPANY  
PROD. CERT. NO. 424WE

|          |        |                   |                      |            |         |          |
|----------|--------|-------------------|----------------------|------------|---------|----------|
| 10-30-03 | 1243.4 | KT76A Transponder | LABELLED INOPERATIVE | OUT OF CAL | Monahan | APG 1238 |
|----------|--------|-------------------|----------------------|------------|---------|----------|

# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

| DATE    | MANUFACTURER                 | MODEL   | SERIAL NO. | LOCATION | MAX. ALT. | RECHECK<br>REQUIRED | APPROVED BY:<br>AGENCY CERT. NO. |
|---------|------------------------------|---------|------------|----------|-----------|---------------------|----------------------------------|
| 26SEP96 | United Instruments           | 5934P-3 | 389827     | N/A      | N/A       | N/A                 | RHC PC 424WE                     |
| 03SEP97 | RHC Pitot System Leak Check  |         |            | N/A      | N/A       | N/A                 | RHC PC 424WE                     |
| 03SEP97 | RHC Static System Leak Check |         |            | N/A      | N/A       | 29 CAL<br>MONTHS    | RHC PC 424WE                     |

THE ALTIMETER AND STATIC SYSTEM AND AUTOMATIC ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED AND INSPECTED PER FAR 91.411 AND HAVE BEEN FOUND TO COMPLY WITH FAR PART 43, APPENDIX E. THE FOLLOWING EQUIPMENT HAS BEEN TESTED TO 16,000 FEET: (A804 AND C804 INSTAL. RECORDS ARE ON FILE AT RHC)

ALTIMETER S/N 389827 ENCODER/DIGITIZER S/N 75769

SIGNED *R. Vega* DATE 03 SEP 1997

ROBINSON HELICOPTER COMPANY  
PROD. CERT. NO. 424WE

# INSTALLED EQUIPMENT

| ITEM            | MANUFACTURER                | MODEL     | SERIAL NO. |             |
|-----------------|-----------------------------|-----------|------------|-------------|
|                 |                             |           | R          | L           |
| ENGINE          | TEXTRON-LYCOMING            | 0-360-J2A |            | L-35650-36A |
| ENGINE          |                             |           | R          |             |
|                 |                             |           | L          |             |
| INST. CLUSTER   | ROCHESTER                   | B144-3    |            | 2420        |
| OAT GAUGE       | DAVTRON                     | 307 FC    |            | A3292       |
| CARB AIR TEMP   | MID-CONTINENT               | MD-11-5   |            | F97723      |
| ALTIMETER       | UNITED INSTRUMENTS          |           |            |             |
| VERTICAL SPEED  | UNITED INSTRUMENTS          | 5934P-3   |            | 389827      |
| AIR SPEED       | UNITED INSTRUMENTS          | 7000      |            | 275940      |
| MANIFOLD PRESS. | UNITED INSTRUMENTS          | 8000      |            | 165211      |
| TACHOMETER      | PHAOSTRON                   | 6111      |            | 181049      |
| GOVERNOR        | ROBINSON HELICOPTER COMPANY | A792-4    |            | 2409        |
| TRANSCEIVER     | BENDIX/KING                 | B286-2    |            | 2002        |
| CHRONOMETER     | ASTROTECH                   | KY197A    |            | 10747       |
| TRANSPONDER     | BENDIX/KING                 | LC-2      |            | 1271        |
| BLIND           |                             |           |            |             |
| ENCODER         | UNITED INSTRUMENTS          | KT76A     |            | 114358      |
| VERTICAL        | PRECISION AVIATION          | D120-P2-T |            | 75769       |
| CARD COMPASS    |                             | PAI-700   |            | 31004       |
| AIRWOLF 511FM   | OIL FILTER KIT              | AFC 500   |            | -           |