

~~XXXXXXXXXX~~
N2356M

The Standard
 ENGINE LOG

ASA-SE-2

Log Book Entry

Hobbs 441.5

Date: 1/13/23

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7033.7	L-17720-39A	4831.3

Complied with the following maintenance items:

- 1) Complied with 100-hour/annual per section 2.400
with 300hr / 12-month, Lubrication A181-4 Revision K, L, & M bearing per section 22-42
with 300hr / 12-month, Lubrication A184 bearing per section 22-41
with 500hr / 12-month, clean gearbox chip detectors per section 22-11 & 22-21
with 500hr, clutch assembly lubrication inspection and servicing per section 22-30
with 500hr, drain and flush gearboxes per section 22-13 & 22-23
with 50, 100, 300hr & Annual inspection IAW Lycoming O-320 operators manual.
Engine oil and filter with new p/n: AA48108-2 and serviced with 5 qts of Philips 20W50 oil.
with engine compression check IAW Lycoming O-320 operators manual. #1 - 78, #2 - 78,
paired 500 Hr inspection Magneto P/N: S4LSC-204T S/N: E16AA103R & P/N: S4LSC-200
P/N: E15LSC-006R by Aircraft Magneto Service W/O# 27622 & 27623 with SB670 and CSB665A C/W.
- 11) Checked and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
12) Performed aircraft and engine ground run and leak check.
13) Adjusted Hobbs meter to correct time 441.5

Complied with the following Technical Bulletins:

- 1) Complied with CMI SB 643 Magneto Inspection (Aircraft Magneto Service W/O# 27623 & 27622)
2) Complied with CMI SB 658 Distributor Gear Maintenance (Aircraft Magneto Service W/O# 27623 & 27622)
3) Complied with CMI SB 663 Two-Wire Magneto Tach. Breaker Contact (Points) Assy. P/N S4LSC-204T (Aircraft Magneto Service W/O# 27622)
4) Complied with CMI SB 670 Replacement and maintenance of Magneto Distributor Block (Aircraft Magneto Service W/O# 27623 & 27622)
5) Complied with Lycoming SB 480 Oil & Filter Change and Inspection
6) Complied with Lycoming SB 388 300hr Valve Inspection.
7) Complied with Lycoming SB 366 50hr Carburetor Throttle Body screw inspection.
8) Complied with Lycoming SB 301 300hr Valve Maintenance Procedures & Service
9) Complied with Lycoming SI 1080 50hr / 4 month maintenance items for special attention.
10) Complied with Lycoming SI 1191 100hr Cylinder Compression
Complied with Lycoming SI 1129 100hr Alternator Belt Tension
- All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P / I

Log Book Entry

Hobbs 497.3

Date: 5/8/2023

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7089.5	L-17720-39A	4887.1

Complied with the following maintenance items:

- 5) Performed 50 Hr inspection IAW Robinson Maintenance Manuals.
- 6) Performed 50 Hr inspection IAW Lycoming O-320 operators manual.
- 7) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Philips 20W50 oil.
- 8) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 4) Complied with 50 Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 5) Complied with 50 Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 6) Complied with 50 / 100 Hr Lycoming SI 1080 maintenance items for special attention.

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P / IA

pections, Tests, Repairs and Alterations
ed with Name, Rating and Certificate Number of
ality. (See back pages for other specific entries.)

Log Book Entry

Date: 6/11/2023

Hobbs 541.7

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7133.9	L-17720-39A	44931.5

Complied with the following maintenance items:

- 1) Performed 100hr inspection IAW Robinson Maintenance Manuals.
- 2) Performed 50 & 100hr inspection IAW Lycoming O-320 operators manual.
- 3) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Phillips 20W50 oil.
- 4) Complied with engine compression check IAW Lycoming O-320 operators manual. #1 - 79, #2 - 79, #3 - 79, #4 - 79
- 5) Checked and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
- 6) Installed new B771-1 air filter.
- 7) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.
- 4) Complied with 100Hr Lycoming SI 1191 Cylinder Compression
- 5) Complied with 100Hr Lycoming SI 1129 Alternator Belt Tension

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

ests, Repairs and Alterations
, Rating and Certificate Number of
ack pages for other specific entries.)

Date: 7/14/2023

Log Book Entry
Hobbs 585.9

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7178.1	L-17720-39A	4975.7

Complied with the following maintenance items:

- 1) Performed 50Hr inspection IAW Robinson Maintenance Manuals.
- 2) Performed 50Hr inspection IAW Lycoming O-320 operators manual.
- 3) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Philips 20W50 oil.
- 4) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

Inspections, Tests, Repairs and Alterations
Record with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

Log Book Entry

Hobbs 641.4

Date: 8/23/2023

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
	N2356M	2262	7233.5	L-17720-39A	5031.2

Following maintenance items:

- 0hr inspection IAW Robinson Maintenance Manuals.
& 100hr inspection IAW Lycoming O-320 operators manual.
Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Philips 20W50 oil.
With engine compression check IAW Lycoming O-320 operators manual. #1 - 78, #2 - 78, #4 - 78
and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
New B771-1 air filter.
7) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.
- 4) Complied with 100Hr Lycoming SI 1191 Cylinder Compression
- 5) Complied with 100Hr Lycoming SI 1129 Alternator Belt Tension

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P / IA

ests, Repairs and Alterations
Rating and Certificate Number of
back pages for other specific entries.)

AIRCRAFT LOG
AF5-1

Log Book Entry

Hobbs 441.5

Date: 1/13/23

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N235GM	2262	7033.7	L-17720-39A	4831.3

Complied with the following maintenance items:

- 1) Complied with 100-hour/annual per section 2.400
- 2) Complied with 300hr / 12-month, Lubrication A181-4 Revision K, L, & M bearing per section 22-42
- 3) Complied with 300hr / 12-month, Lubrication A184 bearing per section 22-41
- 4) Complied with 500hr / 12-month, clean gearbox chip detectors per section 22-11 & 22-21
- 5) Complied with 500hr, clutch assembly lubrication inspection and servicing per section 22-30
- 6) Complied with 500hr, drain and flush gearboxes per section 22-13 & 22-23
- 7) Complied with 50, 100, 300hr & Annual inspection IAW Lycoming O-320 operators manual.
- 8) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5 qts of Phillips 20W50 oil.
- 9) Complied with engine compression check IAW Lycoming O-320 operators manual. #1 - 78, #2 - 78, #3 - 78, #4 - 78
- 10) Installed Repaired 500 Hr inspection Magneto P/N: S4LSC-204T S/N: E16AA103R & P/N: S4LSC-200 S/N E15LAJ06R by Aircraft Magneto Service W/O# 27622 & 27623 with SB670 and CSB66SA C/W.
- 11) Checked and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
- 12) Performed aircraft and engine ground run and leak check.
- 13) Adjusted Hobbs meter to correct time 441.5

Complied with the following Technical Bulletins:

- 1) Complied with CMI SB 643 Magneto Inspection (Aircraft Magneto Service W/O# 27623 & 27622)
 - 2) Complied with CMI SB 658 Distributor Gear Maintenance (Aircraft Magneto Service W/O# 27623 & 27622)
 - 3) Complied with CMI SB 663 Two-Wire Magneto Tach. Breaker Contact (Points) Assy. P/N S4LSSC-204T (Aircraft Magneto Service W/O# 27622)
 - 4) Complied with CMI SB 670 Replacement and maintenance of Magneto Distributor Block (Aircraft Magneto Service W/O# 27623 & 27622)
 - 5) Complied with Lycoming SB 480 Oil & Filter Change and Inspection
 - 6) Complied with Lycoming SB 388 300hr Valve Inspection.
 - 7) Complied with Lycoming SB 366 50hr Carburetor Throttle Body screw inspection.
 - 8) Complied with Lycoming SB 301 300hr Valve Maintenance Procedures & Service
 - 9) Complied with Lycoming SI 1080 50hr / 4 month maintenance items for special attention.
 - 10) Complied with Lycoming SI 1191 100hr Cylinder Compression
- Complied with Lycoming SI 1129 100hr Alternator Belt Tension
- All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

Log Book Entry

Date: 5/8/2023

Hobbs 497.3

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7089.5	L-17720-39A	4887.1

Complied with the following maintenance items:

- 5) Performed 50 Hr inspection IAW Robinson Maintenance Manuals.
- 6) Performed 50 Hr inspection IAW Lycoming O-320 operators manual.
- 7) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5 qts of Philips 20W50 oil.
- 8) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 4) Complied with 50 Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 5) Complied with 50 Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 6) Complied with 50 / 100 Hr Lycoming SI 1080 maintenance items for special attention.

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

INSPECTION RECORD
409SECTION - STATUS & DISCREPANCY LIST
ON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Log Book Entry

Date: 6/11/2023

Hobbs 541.7

Log Book Entry

Date: 6/11/2023

Hobbs 541.7

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7133.9	L-17720-39A	44931.5

Complied with the following maintenance items:

- 1) Performed 100hr inspection IAW Robinson Maintenance Manuals.
- 2) Performed 50 & 100hr inspection IAW Lycoming O-320 operators manual.
- 3) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Phillips 20W50 oil.
- 4) Complied with engine compression check IAW Lycoming O-320 operators manual. #1 - 79, #2 - 79, #3 - 79, #4 - 79
- 5) Checked and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
- 6) Installed new B771-1 air filter.
- 7) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.
- 4) Complied with 100Hr Lycoming SI 1191 Cylinder Compression
- 5) Complied with 100Hr Lycoming SI 1129 Alternator Belt Tension

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

INSPECTION RETURN

DEFERRED LIST
APPROVING AIRCRAFT FOR SERVICE

Log Book Entry

Date: 7/14/2023

Hobbs 585.9

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7178.1	L-17720-39A	4975.7

Complied with the following maintenance items:

- 1) Performed 50Hr inspection IAW Robinson Maintenance Manuals.
- 2) Performed 50Hr inspection IAW Lycoming O-320 operators manual.
- 3) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with 5qts of Philips 20W50 oil.
- 4) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P / IA

INSPECTION RECORD
109ACTION-STATUS & DISCREPANCY LIST
N APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Log Book Entry

Date: 8/23/2023

Log Book Entry

Date: 8/23/2023

Hobbs 641.4

Make of Aircraft	Aircraft Registration	Aircraft Serial	Aircraft Total Time	Engine Serial	Engine Total Time
Robinson R22	N2356M	2262	7233.5	L-17720-39A	5031.2

Complied with the following maintenance items:

- 1) Performed 100hr inspection IAW Robinson Maintenance Manuals.
- 2) Performed 50 & 100hr inspection IAW Lycoming O-320 operators manual.
- 3) Changed Engine oil and filter with new p/n: AA48108-2 and serviced with Sqts of Philips 20W50 oil.
- 4) Complied with engine compression check IAW Lycoming O-320 operators manual. #1 - 78, #2 - 78, #3 - 78, #4 - 78
- 5) Checked and adjusted magneto timing to engine IAW Lycoming O-320 Operators manual.
- 6) Installed new B771-1 air filter.
- 7) Performed aircraft and engine ground run and leak check.

Complied with the following Technical Bulletins:

- 1) Complied with 50Hr / 4 Month Lycoming SB 480 Oil & Filter Change and Inspection
- 2) Complied with 50Hr Lycoming SB 366 Carburetor Throttle Body screw inspection.
- 3) Complied with 50 / 100Hr Lycoming SI 1080 maintenance items for special attention.
- 4) Complied with 100Hr Lycoming SI 1191 Cylinder Compression
- 5) Complied with 100Hr Lycoming SI 1129 Alternator Belt Tension

All work was accomplished in accordance with approved, currently revised manufacturer's Robinson R22 and Lycoming O-320 Maintenance / Operators Manuals and AC 43.13-1B

THE AIRCRAFT AND ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

AUTHORIZED SIGNATURE

Jason M Smith A&P /

INSPECTION RECORD

REPAIR LIST
PROVIDING AIRCRAFT FOR SERVICE