



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 6/28/23

Engine P/N 0540-F1B5
Engine S/N 4-26288-40A
Tail Number 7507K

Engine TSO: 2000.9

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

#1 .022 #2 .021 #3 .021 #4 .021 #5 .021 #6 .019

- **SB366**- Carburetor throttle body screw inspection.

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

- **Magnetos**- Removed and inspect IAW TCM SB663.

Set magneto timing to 25 degrees BTDC

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

- **Spark Plugs**- Remove, clean, gap and test.

Lubricate threads and reinstall 420in lbs/35ft lbs

- **Primer Nozzles**- Remove, clean or replace with new.

- **SI1191A** Cylinder Compression check @80psi

#1 74 #2 70 #3 67 #4 71 #5 75 #6 78

- Throttle correlation gap. .010"-.030" .025

- **AD 84-26-2** ^{INSPECT} Replace engine air filter with new WIX 42097.

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 6/5/23

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 1902.0

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

LR

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

LR

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1____#2____#3____#4____#5____#6____

- **SB366**- Carburetor throttle body screw inspection.

LR

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

LR

- **Magnetos**- Removed and inspect IAW TCM SB663.

LR

Set magneto timing to 25 degrees BTDC

LR

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

LR

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

LR

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 73 #2 72 #3 73 #4 77 #5 75 #6 79

- Throttle correlation gap. .010"-.030" .023

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 5/2/2023

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number W7507X

Engine TSO: 1802.3

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

LR

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

LR

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

LR

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

LR

- **Magnetos**- Removed and inspect IAW TCM SB663.

WIP

Set magneto timing to 25 degrees BTDC

WJS

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

LR

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

WJS

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 75 #2 74 #3 71 #4 75 #5 78 #6 72

- Throttle correlation gap. .010"-.030" .025

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 3/5/23

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507K

Engine TSO:

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

LR

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

LR

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

WTS

#1 .022 #2 .021 #3 .018 #4 .021 #5 .018 #6 .019

- **SB366**- Carburetor throttle body screw inspection.

LR

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

WTS

- **Magnetos**- Removed and inspect IAW TCM SB663.

LR

Set magneto timing to 25 degrees BTDC

LR

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

WTS

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

LR

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 74 #2 71 #3 78 #4 74 #5 73 #6 75

- Throttle correlation gap. .010"-.030" .018

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 8/24/21

Engine P/N 0540-F1B5
Engine S/N E 26288-40A
Tail Number 7507K

Engine TSO: 1624.4

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DM

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DM

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

DM

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DM

- **Magnetos**- Removed and inspect IAW TCM SB663.

DM

Set magneto timing to 25 degrees BTDC

DM

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

LR

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

LR

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 76 #2 72 #3 78 #4 80 #5 77 #6 75

- Throttle correlation gap. .010"-.030" .020

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 7/10/22

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7567A

Engine TSO: 1536.4

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

BM

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

BM

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

BM

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

BM

- **Magnetos**- Removed and inspect IAW TCM SB663.

BM

Set magneto timing to 25 degrees BTDC

BM

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

BM

- **Spark Plugs**- Remove, clean, gap and test.

BM

Lubricate threads and reinstall 420in lbs/35ft lbs

BM

- **Primer Nozzles**- Remove, clean or replace with new.

BM

- **SI1191A** Cylinder Compression check @80psi

BM

#1 71 #2 74 #3 71 #4 71 #5 77 #6 70

- Throttle correlation gap. .010"-.030" .028

BM

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 5/15/22

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 1438.0

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

.020
#1 .020 #2 .020 #3 .018 #4 .020 #5 .012 #6 .018

- **SB366**- Carburetor throttle body screw inspection.

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

- **Magnetos**- Removed and inspect IAW TCM SB663.

Set magneto timing to 25 degrees BTDC

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

- **Spark Plugs**- Remove, clean, gap and test.

Lubricate threads and reinstall 420in lbs/35ft lbs

- **Primer Nozzles**- Remove, clean or replace with new.

- **SI1191A** Cylinder Compression check @80psi

#1 76 #2 76 #3 74 #4 72 #5 76 #6 77

- Throttle correlation gap. .010"-.030" .026

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

Reference RHC SB-85 for WIX air filter installation

LR

LR

LR

LR

LR

LR

LR

LR

LR

LR

LR

LR

LR

LR



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 3/29/22

Engine P/N 0540-P1B5
Engine S/N L-26288-40A
Tail Number 2507X

Engine TSO: 1350.8

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

LR

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

LR

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

LR

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

LR

- **Magnetos**- Removed and inspect IAW TCM SB663.

LR

Set magneto timing to 25 degrees BTDC

LR

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

LR

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

LR

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 74 #2 72 #3 72 #4 74 #5 77 #6 76

- Throttle correlation gap. .010"-.030" .015

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 11/18/21

Engine P/N 0540 - F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 1259.1

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

LR

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

LR

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

LR

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

LR

- **Magnetos**- Removed and inspect IAW TCM SB663.

NA

Set magneto timing to 25 degrees BTDC

LR

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

LR

- **Spark Plugs**- Remove, clean, gap and test.

LR

Lubricate threads and reinstall 420in lbs/35ft lbs

LR

- **Primer Nozzles**- Remove, clean or replace with new.

LR

- **SI1191A** Cylinder Compression check @80psi

LR

#1 76 #2 72 #3 74 #4 74 #5 76 #6 72

- Throttle correlation gap. .010"-.030" .014

LR

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

LR - inspected

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 9/14/21

Engine P/N 0540-F1B5
Engine S/N L 26288-40A
Tail Number 2507X

Engine TSO: 1122.8

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DUB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DUB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

DUB

#1 .014 #2 .017 #3 .017 #4 .006 #5 .018 #6 .017

rounded to .019

- **SB366**- Carburetor throttle body screw inspection.

DUB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DUB

- **Magnetos**- Removed and inspect IAW TCM SB663.

NA

Set magneto timing to 25 degrees BTDC

DUB

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DUB

- **Spark Plugs**- Remove, clean, gap and test.

DUB

Lubricate threads and reinstall 420in lbs/35ft lbs

DUB

- **Primer Nozzles**- Remove, clean or replace with new.

DUB

- **SI1191A** Cylinder Compression check @80psi

DUB

#1 79 #2 80 #3 74 #4 74 #5 28 #6 80

- Throttle correlation gap. .010"-.030" .025

DUB

- **AD 84-26-2**- Replace engine air filter with new WIX 42097.

DUB

Reference RHC SB-85 for WIX air filter installation



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 8/16/21

Engine P/N 2540-F1B5
Engine S/N 4-26288-40A
Tail Number 7507X

Engine TSO: 1075.0
4.9

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.
Replace filter with new B123-2. Fill with 8 qrts 100w plus.
- **SB388C**- Exhaust valve guide inspection. Minimum of .016"
#1 _____ #2 _____ #3 _____ #4 _____ #5 _____ #6 _____
- **SB366**- Carburetor throttle body screw inspection.
- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs
- **Magnetos**- Removed and inspect IAW TCM SB663.
*Replaced Both #201 off 382R on EZ1CA039R
#3 off 099R EZ1CA102R*
Set magneto timing to 25 degrees BTDC
- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual
- **Spark Plugs**- Remove, clean, gap and test.
Lubricate threads and reinstall 420in lbs/35ft lbs
- **Primer Nozzles**- Remove, clean or replace with new.
Primer Pump Test
- **SI1191A** Cylinder Compression check @80psi
#1 77 #2 75 #3 78 #4 78 #5 76 #6 79
- Throttle correlation gap. .010"-.030" .020
- Air Filter *Replaced*

DLB

DLB

NA

DLB

DLB

DLB

DLB

DLB

DLB

DLB

DLB

DLB

DLB

DLB

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 7/2/21

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 876.5

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

WJS

#1 .020" #2 .014" #3 .018" #4 .018" #5 .017" #6 .017"

- **SB366**- Carburetor throttle body screw inspection.

DLB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DLB

- **Magnetos**- Removed and inspect IAW TCM SB663.

NTV

Set magneto timing to 25 degrees BTDC

NTV

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DLB

- **Spark Plugs**- Remove, clean, gap and test.

WJS

Lubricate threads and reinstall 420in lbs/35ft lbs

NTV

- **Primer Nozzles**- Remove, clean or replace with new.

DLB

- **SI1191A** Cylinder Compression check @80psi

WJS

#1 75 #2 76 #3 76 #4 77 #5 74 #6 78

- Throttle correlation gap. .015"-.030" .020

DLB

Air Filter

inspected

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 5/27/21

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507K

Engine TSO: 779.7

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

WTS

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

WTS

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA per hobbs

#1 _____ #2 _____ #3 _____ #4 _____ #5 _____ #6 _____

- **SB366**- Carburetor throttle body screw inspection.

WTS

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

WTS

- **Magnetos**- Removed and inspect IAW TCM SB663.

WTS

Set magneto timing to 25 degrees BTDC

WTS

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

WTS

- **Spark Plugs**- Remove, clean, gap and test.

WTS

Lubricate threads and reinstall 420in lbs/35ft lbs

WTS

- **Primer Nozzles**- Remove, clean or replace with new.

WTS

- **SI1191A** Cylinder Compression check @80psi

WTS

#1 73 #2 75 #3 74 #4 77 #5 78 #6 75

- Throttle correlation gap. .018"-.030" .026"

WTS



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 4/19/21

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 680.3

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

DLB

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

DLB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DLB

- **Magnetos**- Removed and inspect IAW TCM SB663.

DLB

Set magneto timing to 25 degrees BTDC

DLB

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DLB

- **Spark Plugs**- Remove, clean, gap and test.

DLB

Lubricate threads and reinstall 420in lbs/35ft lbs

DLB

- **Primer Nozzles**- Remove, clean or replace with new.

DLB

- **SI1191A** Cylinder Compression check @80psi

DLB

#1 75 #2 75 #3 77 #4 76 #5 79 #6 78

- Throttle correlation gap. .015"-.030" .020

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 3/23/21

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 582.0

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

DLB

#1 .018 #2 .018 #3 .017 #4 .021 #5 .018 #6 .018

- **SB366**- Carburetor throttle body screw inspection.

DLB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DLB

- **Magnetos**- Removed and inspect IAW TCM SB663.

Replace Both
MAGS
RH SPON E1B-1A382R
LH SPON E20CA 09PR

Set magneto timing to 25 degrees BTDC

DLB

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DLB

- **Spark Plugs**- Remove, clean, gap and test.

Lubricate threads and reinstall 420in lbs/35ft lbs

DLB

- **Primer Nozzles**- Remove, clean or replace with new.

DLB

- **SI1191A** Cylinder Compression check @80psi

DLB

#1 65 #2 77 #3 77 #4 75 #5 79 #6 75

- Throttle correlation gap. .015"-.030" .020

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 11/12/20

Engine P/N 0540-F1B5
Engine S/N L-2C 288-40A
Tail Number 7507X

Engine TSO: 484.3

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

NTS

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

NTS

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

N/A per hobb

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

NTS

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

NTS

- **Magnetos**- Removed and inspect IAW TCM SB663.

NTS

Set magneto timing to 25 degrees BTDC

NTS

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

NTS

- **Spark Plugs**- Remove, clean, gap and test.

NTS

Lubricate threads and reinstall 420in lbs/35ft lbs

NTS

- **Primer Nozzles**- Remove, clean or replace with new.

NTS

- **SI1191A** Cylinder Compression check @80psi

NTS

#1 ⁷⁷72 #2 ⁷⁹79 #3 ⁷⁸73 #4 77 #5 78 #6 80

- Throttle correlation gap. .015"-.030" .020"

NTS



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 8/16/20

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 385.4

Initials

- SB480F- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- SB388C- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- SB366- Carburetor throttle body screw inspection.

DLB

- SI1129D- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DLB

- Magnetos- Removed and inspect IAW TCM SB663.

DLB

Set magneto timing to 25 degrees BTDC

DLB

- Engine Inspection- IAW SB1080C and Lycoming service ops manual

DLB

- Spark Plugs- Remove, clean, gap and test.

Lubricate threads and reinstall 420in lbs/35ft lbs

DLB

- Primer Nozzles- Remove, clean or replace with new.

DLB

- SI1191A Cylinder Compression check @80psi

DLB

#1 79 #2 77 #3 79 #4 79 #5 78 #6 79

- Throttle correlation gap. .018"-.030" .020

DLB

• Air Filter

inspected

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 8/24/20

Engine P/N 0-540-F1B5
Engine S/N L-26288-40A
Tail Number 7507K

Engine TSO: 297.7

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

DLB

#1 .018 #2 .018 #3 .017 #4 .018 #5 .017 #6 .018

- **SB366**- Carburetor throttle body screw inspection.

DLB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

DLB

- **Magnetos**- Removed and inspect IAW TCM SB663.

NTS

Set magneto timing to 25 degrees BTDC

NTS

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DLB

- **Spark Plugs**- Remove, clean, gap and test.

DLB

- Lubricate threads and reinstall 420in lbs/35ft lbs

DLB

- **Primer Nozzles**- Remove, clean or replace with new.

DLB

- **SI1191A** Cylinder Compression check @80psi

DLB

#1 75 #2 78 #3 78 #4 78 #5 78 #6 77

- Throttle correlation gap. .018"-.030" .020

DLB

○ Air Filter

inspected

DLB



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 7/26/20

Engine P/N 0540-F1B5
Engine S/N 26288-40A
Tail Number 7507X

Engine TSO: 199.5

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

NTS

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

NTS

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

NA

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

NTS

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

NTS

- **Magnetos**- Removed and inspect IAW TCM SB663.

NTS

Set magneto timing to 25 degrees BTDC

NTS

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DUB

- **Spark Plugs**- Remove, clean, gap and test.

Lubricate threads and reinstall 420in lbs/35ft lbs

DUB

- **Primer Nozzles**- Remove, clean or replace with new.

DUB

- **SI1191A** Cylinder Compression check @80psi

DUB

#1 77 #2 77 #3 78 #4 76 #5 77 #6 78

- Throttle correlation gap. .010"-.030" .020"

NTS

- Air Filter AD 84-26-2

NTS



Helicopter Adventures
1860 21st Ave N
Myrtle Beach, SC 29577

Engine 100hr Inspection Checklist

Date: 6/22/20

Engine P/N 0540-F1B5
Engine S/N L-26288-40A
Tail Number 7507X

Engine TSO: 99.9

Initials

- **SB480F**- Drain oil, open filter and inspect for contaminants.

DLB

Replace filter with new B123-2. Fill with 8 qrts 100w plus.

DLB

- **SB388C**- Exhaust valve guide inspection. Minimum of .016"

N/A

#1 #2 #3 #4 #5 #6

- **SB366**- Carburetor throttle body screw inspection.

DLB

- **SI1129D**- Alternator Belt Tension. New 11-13ft lbs Used 7-9ftlbs

WTS

- **Magnetos**- Removed and inspect IAW TCM SB663.

DLB

Set magneto timing to 25 degrees BTDC

DLB

- **Engine Inspection**- IAW SB1080C and Lycoming service ops manual

DLB

- **Spark Plugs**- Remove, clean, gap and test.

WTS

Lubricate threads and reinstall 420in lbs/35ft lbs

DLB

- **Primer Nozzles**- Remove, clean or replace with new.

DLB

- **SI1191A** Cylinder Compression check @80psi

WTS

#1 76 #2 79 #3 78 #4 78 #5 79 #6 79

- Throttle correlation gap. .015"-.030" .020"

WTS

Air Filter

DLB