

RIH

ENGINE LOG
EF5-1



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 08/15/22 MODEL: IO-550-C SMOH: 489.3 HOBBS: 1275.3
REG: N624TE S/N: 833535

- 1 OIL SAMPLE TAKEN
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 4 REMOVE & REPLACE ENGINE AIR FILTER P/N: BA-7705.
- 5 COMPRESSION TEST: 1/66, 2/72, 3/74, 4/72, 5/67, 6/70.


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 624081522




9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 08/15/22 MODEL: IO-550-C SMOH: 489.3 HOBBS: 1275.3
REG: N624TE S/N: 833535

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND CW
OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE
WITH **ANNUAL** INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
APPROVED FOR RETURN TO SERVICE.


STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 624081522

DATE



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 07/01/21

MODEL: IO-550-C

SMOH: 407.3

HOBBS: 1193.3

REG: N624TE

S/N: 833535

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND CW OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH **ANNUAL** INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

APPROVED FOR RETURN TO SERVICE.


STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 624070121



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 02/15/22

MODEL: IO-550-C

SMOH: 459.6

HOBBS: 1245.6

REG: N624TE

S/N: 833535

- 1 OIL SAMPLE TAKEN
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 624021522

DATE



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 12/02/20

MODEL: IO-550-C

SMOH: 384.2

HOBBS: 1170.2

REG: N624TE

S/N: 833535

- 1 OIL SAMPLE TAKEN.
- 2 REPLACED ENGINE OIL FILTER P/N: CH48109-1
- 3 SERVICED ENGINE WITH 12 QUARTS AEROSHELL 100W PLUS OIL.


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 624120220



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 07/01/21

MODEL: IO-550-C

SMOH: 407.3

HOBBS: 1193.3

REG: N624TE

S/N: 833535

- 1 OIL SAMPLE TAKEN
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 4 REMOVE & REPLACE ENGINE AIR FILTER P/N: BA-7705.
- 5 REMOVE & REPLACE ALL (16) SPARK PLUGS P/N: RHB32E.
- 6 COMPRESSION TEST: 1/65, 2/66, 3/68, 4/68, 5/58, 6/70.


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 624070121



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE

DATE: 06/02/20

MODEL: IO-550-C

SMOH: 306.0

HOBBS: 1092.0

REG: N624TE

S/N: 833535

- 1 OIL SAMPLE TAKEN
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 4 COMPRESSION TEST: 1/70, 2/65, 3/70, 4/70, 5/60, 6/65.

STEVE STEWART - A&P 2129169

PERTINENT DETAILS ON FILE: W.O. 130060220



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 06/02/20

MODEL: IO-550-C

SMOH: 306.0

HOBBS: 1092.0

REG: N624TE

S/N: 833535

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH **ANNUAL** INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
APPROVED FOR RETURN TO SERVICE.

STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 130060220



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 7/24/19

MODEL: IO-550-C

SMOH: 214.0

HOBBS: 1000.0

REG: N624TE

S/N: 833535

- 1 INSTALL NEW OIL FILTER PN:CH48109-1.
- 2 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 3 OIL SAMPLE TAKEN.


CHRISTIAN MUNOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 624062419



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 12/5/19

MODEL: IO-550-C

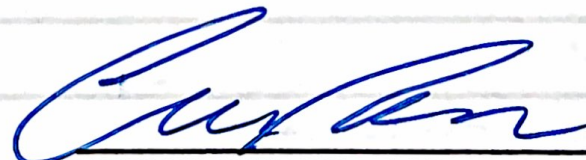
SMOH: 228.1

HOBBS: 1048.2

REG: N624TE

S/N: 833535

- 1 OIL SAMPLE TAKEN
- 2 INSTALL NEW ENGINE OIL FILTER P/N: CH48109-1
- 3 SERVICE ENGINE WITH 12 QTS OF AEROSHELL 100W PLUS OIL


CHRISTIAN MUNOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 624120519

INSPECTION & MAINTENANCE RECORD

DATE



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 4/1/19

MODEL: IO-550-C

SMOH: 182.0

HOBBS: 968.0

REG: N130S

S/N: 833535

- 1 COMPRESSION TEST: 1/70, 2/72, 3/70, 4/68 5/78 6/72.
- 2 INSTALL 12 NEW SPARK PLUGS PN:RHB-32E.


CHRISTIAN MUNOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 130040119



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 4/1/19

MODEL: IO-550-C

SMOH: 182.0


HOBBS: 968.0

REG: N130S

S/N: 833535

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND CW
OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE
WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

APPROVED FOR RETURN TO SERVICE.


STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 130040119

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
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9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 11/01/18 MODEL: IO-550-C SMOH: 180.8 HOBBS: 966.8
REG: N130S S/N: 833535

- 1 REMOVE AND REINSTALL OIL PUMP AFTER REPAIRS BY LYCON REBUILDING CO UNDER WORK ORDER NUMBER 64819, DATED 10/29/18 P/N: 632970.
- 2 INSTALL NEW ENGINE OIL FILTER ELEMENT P/N: CH48109-1.


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 130112618

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.



9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 03/14/18 MODEL: IO-550-C

SMOH: 52.1

HOBBS: 838.1

REG: N130S S/N: 833535

- 1 COMPLETED 25 HOUR INSPECTION.
- 2 OIL SAMPLE TAKEN
- 3 REPLACED OIL FILTER PN: CH48109-1
- 4 SERVICED ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 5 COMPRESSION TEST: 1/74, 2/72, 3/72, 4/74, 5/74, 6/72


CHRISTIAN MUNOZ - A&P 3559458


RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 130031418

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
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9519 Airport Drive, Hanger 19
Visalia, CA 93277

Right Engine

DATE: 11/01/17 MODEL: IO-550-C SMOH: 0.0 HOBBS: 786.0
REG: N130S S/N: 833535

- 1 REMOVED ENGINE MODEL# IO-550-C34B S/N#: 824311-R.
- 2 INSTALL OVERHAULED ENGINE MODLE# IO-550-C S/N# 833535 BY LYCON REBUILDING CO.
UNDER WORK ORDER # 49500, WITH ENGINE MOUNTS P/N# J-10778-16, BOLT'S P/N# 96-910023, AN7-37A, &
NUT'S PN: 130909N3, OIL DRAIN VALVE PN: 06-00637, DUCT PN: 111716AX6XX30 & PN:BE348-1, DUCT FLEX
PN: 96-919111, & 90 DEGREE ALUMINUM ELBOW PN: AN822-3D.
- 3 INSTALL OF D'SHANNON PRODUCTS, LTD. COOLING AIR BAFFLES KIT IN ACCORDANCE WITH DRAWING LIST
DL87002, REVISION 4, DATED 03/08/1996, AND INSTALLATION MANUAL NUMBER DSPIM95-4, REVISION B, DATED
01/22/96, OR LATER FAA APPROVED REVISIONS. ALSO INSTALLED IN ACCORDANCE WITH SUPPLEMENTAL TYPE
CERTIFICATE NUMBER SA09220SC. INSTRUCTION FOR CONTINUED AIRWORTHINESS CAN BE FOUND IN
D'SHANNON DOCUMENT DP-ICA-200, DATED JUNE 29, 2012, REVISION B, OR LATER APPROVED FAA REVISION.
THERE IS NO FLIGHT MANUAL SUPPLEMENT. WEIGHT AND BALANCE WAS AMENDED AT THIS DATE.
- 4 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100 MINERAL OIL.
- 5 REPLACE AIR FILTER P/N:BA-7705.


RAPHAEL LOPEZ - A&P 2709706


CHRISTIAN MUNOZ - A&P 3559458

PERTINENT DETAILS ON FILE: W.O. 130110117

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
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1EA 501867 WASHER, 1EA 521649-3 RET RING, 1EA X13041 BEARING, 1EA 502287-3 RET RING, 1EA 630979-24 O-RING, 1EA CAM539800M015 SPRING, 2EA 539942 SCREW, 1EA 625327-1 WASHER, 2EA 625457-1 WASHER, 1EA 626813 PIN, 2EA 630979-20 O-RING, 2EA 630979 O-RING, 1EA 649983 GASKET, 2EA 538600-1 WASHER, 3EA 501867 WASHER, 2EA 625327-2 WASHER, 2EA 537690 WASHER, 2EA 2500 COTTER PIN, 1EA 628371 SPRING, 1EA 656209-2 LEVER, 1EA 626536 DIAPHRAM, 1EA 646605 NUT, 1EA 631330 SEAL, 1EA 624183 STUD, 1EA 630693-12.14 THRU BOLT, 3EA 401752 PLUG, 4EA 402941 PLUG, 1EA 652887-6.96 THRU BOLT, 1EA 634150 SPRING, 1EA 652171-5 ROD & CAP AMS, 1EA 573650 SUMP O/H, 1EA 534685 BEARING, 9EA 539058 WASHER, 6EA SA630046 PISTON PIN, 1EA 649290 SPACER, 1EA 538468 BUSHING, 1EA MS9970-116 O-RING, 1EA MS9970-117 O-RING, 4EA 628321-.38 BOLT, 6EA MS27215-2 DESSICANT PLUG, 1EA MS35769-11 GASKET, 1EA 653981 GASKET, 8EA 631972 CLAMP, 4EA 535847 MAG CLAMP. PORT MATCH FLOW CYLINDERS. TEST RUN 2.9 HOURS. REFERENCE WO 49500.

PAGE 2 OF 2

LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

THIS AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER **49500** DATE **8/03/17**

SIGNED

LYCON REBUILDING CO VISALIA CA
REPAIR STATION CT3R435L

INSPECTION & MAINTENANCE RECORD

| DATE | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
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CONTINENTAL IO-550-C S/N 833535 MAJOR ENGINE OVERHAUL IAW MANUAL # M-16 WITH THE FOLLOWING PARTS INSTALLED: 1EA CRANKCASE O/H I.D R05JA529, 1EA 649900 CRANKSHAFT O/H S/N C189915N, 6EA 655911 CONNECTING ROD ASM O/H, 1EA 655084 CAMSHAFT ASM REGROUND I.D 223554, 6EA 658552A3 CYLINDER KIT ASM, 1EA 646468-2 AIR FUEL CONTROL O/H S/N C189717AR, 1EA 646508-6S10 MAINFLOF VALVE O/H, 1EA 646212-19 FUEL PUMP O/H, 1EA BL349350-5 MAGNETO REBUILT S/N F17BA071R, 1EA BL349350-4 MAGNETO REBUILT S/N F17BA189R, 1EA 10-423684-1 HARNESS, 1EA 10278A OIL COOLER O/H, 1EA 646275-1 STARTER REBUILT S/N H-Q120485, 1EA 642083A12 STARTER ADAPTER O/H 642083A12 S/N LY49500, 1EA 646550A1 GASKET SET, 1EA 646592A2M010 BEARING SET, 4EA 649205 SCREW, 4EA 656990 BOLT, 4EA 654587-.44 BOLT, 2EA 643626-104 ROLLER, 2EA 643626-103 ROLLER, 4EA 643626-105 ROLLER, 16EA 643629 PLATE, 16EA 629104 RET RING, 12EA 642398 BEARINGS, 12EA 654490 NUT, 12EA 655958 ROD BOLT, 1EA 641250 SEAL, 2EA NAS1085-4 NUT, 16EA 639193 BUSHINGS, 8EA 641931-10.75 THRU BOLT, 1EA 652887-6.74 THRU BOLT, 1EA 630899 BEARING, 1EA 642892 GASKET, 6EA SA6298488 INTAKE LIFTER, 6EA SA646277 EXHAUST LIFTER, 6EA 646312 NUT, 48EA 652422 NUT, 10EA 654439-1 HOSE, 1EA CH48109-1 OIL FILTER, 1EA X1473 GASKET, 1EA 632762 NUT, 4EA 655269 MAG CUSHION, 2EA AS3578-016 O-RING, 4EA 630979-9 O-RING, 1EA 653470 GASKET, 1EA 632276 BAFFLE, 12EA RHB32E SPARKPLUG, 1EA AN737TW46, 1EA 629680M010 COLLAR AMS, 1EA MS21083N4 NUT, 1EA NAS42DD8-16FC SPACER, 2EA 641909 PLATE, 2EA 629163-5 CLAMP, 12EA 652421 NUT, 1EA 641368 BEARING, 1EA 630680 BEARING,

PAGE 1 OF 2

LY-CON REBUILDING CO.

8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

| A.D./BULL. NUMBER | ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------|----------------------|----------------------------|----------------------------|-----------------------------------------|
| 93-10-02 | N/A BY ENGINE S/N IAW TCM MSB 93-12 | | | | | |
| 93-08-17 | N/A BY ENGINE MODEL IAW TCM SB M91-10-R1 | | | | | |
| 91-19-03 | N/A BY OIL FILTER P/N IAW THIS AD | | | | | |
| 88-03-06 | N/A BY OIL FILTER MANUFACTURER IAW TCM SB M88-4 | | | | | |
| 86-13-04 R3 | N/A BY CYLINDER IAW THIS AD | | | | | |
| 2005-12-06 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| 94-06-09 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| 94-01-03 R2 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| 82-20-01 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| 82-13-01 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| 74-26-09 | COMPLIANCE IF APPLICABLE IAW THIS AD | | | | | |
| <p>WORK ORDER <u>49500</u> DATE <u>8/03/17</u> SIGNED</p> <p>LY-CON REBUILDING CO (559) 651-1070 REPAIR STATION CT3R435L</p> | | | | | | |
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