

# ENGINE LOG EF5-1



DAT

9519 Airport Drive, Hanger 19 Visalia, CA 93277

### Right Engine

DATE: 01/30/23

MODEL: 10-550-C

SMOH: 536.0

HOBBS: 1322.0

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.

STEVE STEWART - A&P 2129169

DATE

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 CAVOR 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



#### Right Engine

DATE: 07/01/21

**MODEL: 10-550-C** 

SMOH: 407.3

HOBBS: 1193.3

REG: N624TE

DATE

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. 624070121



9519 Airport Drive, Hanger 19 Visalia, CA 93277

#### Right Engine

DATE: 02/15/22

**MODEL: 10-550-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



#### 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.

DATE

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

Bul to



#### Right Engine

DATE: 06/02/20

**MODEL: 10-550-C** 

SMOH: 306.0

HOBBS: 1092.0

REG: N624TE

DATE

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: 10-550-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 <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

APPROVED FOR RETURN TO SERVICE.

STEPHEN STEWART - IA 2129169

#### 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



9519 Airport Drive, Hanger 19 Visalia, CA 93277

#### Right Engine

DATE: 4/1/19

DATE

**MODEL: 10-550-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: 10-550-C

**SMOH: 182.0** 

HOBBS: 968.0

**REG: N130S** 

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

D/	ATE	TOTAL TIME		INSPEC	TION OR MAINTENAL AGENCY & CERTIFIC		
——————————————————————————————————————	6481 2 INST	130S S/N: IOVE AND REINSTA 9, DATED 10/29/18 TALL NEW ENGINE	95 <sup>2</sup> 833535 ALL OIL PUMP AFTER R P/N: 632970. OIL FILTER ELEMENT F	EPAIRS BY LYCO P/N: CH48109-1.	er 19 I: 180.8	HOBBS: 966.8  CO UNDER WORK ORDER NUMBER  RAPHAEL LOPEZ - A&P 2709706	
_	PER	IINENI DETAILS (	ON FILE: W.O. 13011261	8		the program of the second seco	
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DA	TE.	TOTAL TIME		INSPECTION OR MAINTE AGENCY & CERT		
_ _ _			9519	ANICAL SERVICES, inc. Airport Drive, Hanger 19 Visalia, CA 93277 Right Engine		
	2 REP 3 SER	130S S/N: SAMPLE TAKEN LACE OIL FILTER F VICE ENGINE WITI	EL: IO-550-C 833535 PN: CH48109-1 H 12 QUARTS OF AEROSE ON FILE: W.O. 130091218		HOBBS: 939.9  RAPHAEL LOPEZ - A&P 270	9706
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DATE	TOTAL TIME			INSPECTION OR MAINTEN/ AGENCY & CERTIF			
		AIRCRA	9519 Airpo Visa	ort Drive, Hanger 19 alia, CA 93277			
REG: 1 0 2 R 3 S	N130S S/N IL SAMPLE TAKEN EPLACE OIL FILTEI ERVICE ENGINE W	DEL: IO-550-C I: 833535 R PN: CH48109-1 ITH 12 QUARTS OF A		SMOH: 101.3 L 100W PLUS OIL.	HOBBS: 887.3  RAPHAEL LOPE	Z - A&P 270970	06
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DATE		TOTAL TIME				ENANCE PERFORMED TIFICATE NO.
				CHANICAL SERVICES, inc. 519 Airport Drive, Hanger Visalia, CA 93277  Right Engine	19	
— Ri	2 OIL SA 3 REPLA 4 SERVI 5 COMPI	LETED 25 HOU MPLE TAKEN ACED OIL FILTE CED ENGINE W RESSION TEST	DEL: IO-550-C 833535 R INSPECTION. R PN: CH48109-1 /ITH 12 QUARTS OF AER T: 1/74, 2/72, 3/72, 4/74, 5/	74, 6/72		CHRISTIAN MUNOZ - A&P 3559458 RAPHAEL LOPEZ - A&P 2709706
1	PERIII	NENI DETAILS	ON FILE: W.O. 1300314	18		
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ATE	TOTAL INSPECTION OR MAINTENANCE PERFORMED E TIME AGENCY & CERTIFICATE NO.								
<b>REG</b> :	E: 1/09/18 N130S DIL SAMPLE T/	MODEL: 10-550-C S/N: 833535 AKEN	9519 Airport Drive, Hanger 19 Visalia, CA 93277 Right Engine SMOH: 23.7	HOBBS: 809.7					
_ ^ -	AEDI 4 AED	L FILTER PN: CH48109-1							
3 S	SERVICED EN		OF AEROSHEEL MINERAL OIL.	RAPHAEL LOPEZ					
3 S	SERVICED EN	GINE WITH 12 QUARTS C		RAPHAEL LOPEZ					
3 S	SERVICED EN	GINE WITH 12 QUARTS C		RAPHAEL LOPEZ					
3 S	SERVICED EN	GINE WITH 12 QUARTS C		RAPHAEL LOPEZ					
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3 S	SERVICED EN	GINE WITH 12 QUARTS C		RAPHAEL LOPEZ	- A&P 270970				

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	DATE	TOTAL TIME			INSPECTION OR MAINTEN AGENCY & CERTI		
A design where the property of the contract of	REG: I AN OR WI AP	N130S S/N: NUAL INSPECTION N/A AS LISTED IN TH <u>ANNUAL</u> INSPE		9519 Airport Visalia <u>Righ</u> TE. ALL A IAT THIS ERMINED	ENGINE WAS INSPEC	TED IN ACCORDANCE Y CONDITION.	WART - IA 2129169
i				2434	Korral Lines		

TOTAL INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.



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

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
-		

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 REPUBLICATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AND HIS REPAIR STATION UNDER A ORK ORDER 49500 DATE 8/03/17

SIGNED

LYCON REBUILDING CO VISALIA CA REPAIR STATION CT3R435L

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

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 SIGNATUR CERTIFICATE NO.
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93-10-02	N/A B	Y ENGINE S	/N IAW TCM	1 MSB 93-12	-	
93-08-17	N/A B	Y ENGINE N	MODEL IAW	TCM SB M91-1	.0-R1	
91-19-03	N/A B	Y OIL FILTE	R P/N IAW T	HIS AD		
88-03-06	N/A B	Y OIL FILTE	R MANUFAC	TURER IAW TO	CM SB M88-4	
86-13-04 R3	N/A B	Y CYLINDER	RIAW THIS A	\D		
2005-12-06	COMP	LIANCE IF	APPLICABLE	IAW THIS AD		en alternative en en entre en
94-06-09	COMP	LIANCE IF	APPLICABLE	IAW THIS AD		
94-01-03 R2	COMP	LIANCE IF	APPLICABLE	IAW THIS AD		
82-20-01	COMP	LIANCE IF	APPLICABLE	IAW THIS AD		
82-13-01	COMP	LIANCE IF	APPLICABLE	IAW THIS AD		
74-26-09	COMP	LIANCE IF	APPLICABLE	IAW THIS AND	/	
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WORK ORDI	ER 49500	<b>DATE 8/03</b>	/17 SIGNED	March	All (	and the second s
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# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

.D./BULL. NUMBER	AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE		ORIZED SIGNATURE CERTIFICATE NO.
AD COM	PLIANCE LI	ST = CONTI	NENTAL IO-	550-C S/N 833	535		
2016-16-	-12 N/A	BY CYLIND	ER MANUFA	CTURER IAW	THIS AD		
2014-05-	-29 N/A	BY CYLIND	ER MANUFA	CTURER IAW	THIS AD		
2012-03-	-06 N/A	BY FUEL IN	NJECTOR MO	DEL IAW THIS	AD		
2010-11-	-04 N/A	BY LIFTER	MANUFACT	URER IAW TCN	1 MSB 09-8A		
2009-19	-07 N/A	BY CYLIND	ER P/N IAW	TCM MSB 09-	1B		
2004-08-	•		11	CTURER IAW	. 1		
2000-23				RANKSHAFT S		ISB 00-5C	
99-19-01		1	·	CM MSB 99-30			
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95-21-15		1		CTION CONST	UITES COMPLI	ANCE-WITH-II	HIS AD
95-03-14	a de la companya del companya de la companya del companya de la co	A record of the contract of the	IAW TCM MS	a service or consideration of the service	102 0 04		
93-16-15	S N/A	BY FUEL P	UMP P/N IA	W TCM MSB M	193-9 R1		
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