CLOSED
MAY 2017

The Standard
ENGINE LOG

ASA-SE-1

LOG — #2. 2-DEC 2004
CLOSED 1 MAY - 2017
Charles H. Morris
ASP 1334075

The Standard
ENGINE LOG

ASA-SE-1

The Standard Engine Log
SE-1

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ASA-SE-1

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PNR ASA-SE-1

9 781560 274162

Engine Record General Information

Manufacturer LYCOMING **Model** O-360-A1F6

Serial L-15677-36A **Type Certificate**

This engine is currently installed in aircraft CESSNA 177-B N34125 CARDINAL

Minimum Octane Fuel 100LL **Oil Grade:** Summer Winter

Magneto Time 25° BTC **Point Setting** **Firing Order**

Spark Plug Gap .018 TO .022

Manufacturer recommended overhaul at 2000 **hours**

CELL PH. 1-314-917-3584

Registered Owner Record PH NO. 1-314-837-2499

Name CHARLES H. & NELLIE MORRS Address 18 CASTLE DR. ZIP 63034

City FLORISSANT State MO. From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Notes

YEAR: 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/3	186.32			DRAINED ENG. OIL, REMOVED OIL
				FILTER - OPEN OIL FILTER & INSP-
				SENT OIL SAMPLE TO BLACKSTONE LAB'S
				RESULTS ON FILE - OIL REPORT DATED
				10/12/04.
				INSTALLED A NEW Champion CH48103-1
				OIL FILTER, TORQUED & SAFETY'D.
				INSTALLED 7 QTS AERO SHELL 80 GRADE
				40WT OIL - ENG. RUN-UP - NO LEAKS.
				AP Charles H. Morris AP 1334675.
				END -

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YEAR: 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/26	188.29			REMOVED ENG. DR. FUEL PUMP (PRECAUTIONARY)
				AC P/N 41271 S/N AND INSTALLED
				O.H. AC P/N 41271 S/N AA18716 USEING NEW
				MC. GASKET. TORQUED MOUNT BOLTS AND
				SAFETY'd. INSTALLED FUEL LINES & TORQUED
				FITTINGS. RUN ENG. CK FOR FUEL & OIL
				LEAKS, NONE NOTED PRESS 4+ PSI.
				Charles H. Morris AP 1334675.
				— END —

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YEAR: 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/26	201.76			TOOK OIL SAMPLE, INSTALLED NEW
				FILTER - TORQUED & SAFETIED. RUN -
				ENG - CK FOR OIL LEAKS NONE NOTED
				note: 15.4 HRS SINCE OIL CHG'd
				Charles H. Morris AP 1334075
				— End —

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YEAR: 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/1	202.91	TSN	3856.2	ENGINE ANNUAL INSPECTION
		SOH	1326.6	COMPRESSION CHECK
ALL 4 CYL'S SINCE CYL CHG			330.1	CYL'S #1 - 79/80 #2 - 78/80 #3 - 79/80
NEW SUPERIOR'S POWER PARTS Time Since Changed				#4 - 79/80
				INSTALLED ALL NEW CHAMPION REM 40E
				SPARK PLUGS - CK'D MAG. TIMEING 25° BTC
				CHK'D ENG. CONTROLS FOR SECURITY, CONDITION &
				TRAVEL'S STOP TO STOP. CHK'D ALL OIL & FUEL
				LINES FOR SERVICE CONDITION & SECURITY & LEAKS.
				WASHED ENG.
				AD 2004-10-14 NOT APPLICABLE SINCE NO
				PROP STRIKES.

PAGE 4

YEAR: 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/2	202.91			I certify that this ~~AIRCRAFT~~ ENGINE has been
				Inspected in accordance with a ANNUAL
				Inspection, and was determined to be in an
				~~Airworthy condition.~~
				Date 2 Dec 2004 Tach or ~~TT~~ 202.91
				Raymond A. Rakers 1832602IA
				TSMOH 1326.6, TT 3856.2
				[signature]

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YEAR: 2004 DATE	RECORDING TACH TIME	~~TODAY'S FLIGHT~~	TOTAL TIME IN SERVICE TSMOH	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/3	202.91	~~Soh~~	1,327.0	OIL SAMPLE REPORT - NORMAL ON FILE
		T.T.	3,856.2	UNIT NO. N34125 / REPORT DATE 12/3/04
				LAB NO. C33084 - REF: BLACKSTONE
				LABORATORIES. Entry made by
				Charly H. Morris AP 1334075.
2005				— END —
3/26/05	227.76		3897.7	DRAINED ENG. OIL - TOOK OIL SAMPLE SENT
MINUS	32.67 -	TIME ON TACH WHEN INSTALLED.		TO BLACKSTONE LAB'S - REMOVED OIL FILTER - OPENED
WHEN CORRECTED	195.09			& FILTER ELEMENT INSP. REVEALED 3 SMALL FLAKES
				OF ALUMINUM & CARBON - INSTALLED NEW
				KELLEY AEROSPACE ES 48103 OIL FILTER, TORQUED &
				SAFETIED. SERV. ENG WITH 8 QTS AEROSHELL 80E 400

PAGE 6 BY Charly H. Morris AP 1334075

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-26	227.76		3898.2	REMOVED S/P BORE SCOPED ALL CYL'S, CLEANED
Corrected	195.1			S/P & REINSTALLED USING NEW S/P GASKETS –
				TORQUED TO 360"/LB'S – LEADS REINSTALLED.
				Charles H. Morris AP 1334075.
3/26			3898.2	PROP. REMOVED AND SENT TO HEARTLAND
	S/O/A	1368.6		AIRCRAFT FOR O.H.
				Charles H. Morris AP 1334075.
3/26			~~3898.2~~	INSTALLED NEW ALT BELT PN S1597-1-
				37.5 Charles H. Morris AP 1334075.

PAGE 7

944531
ITEM: 12 PN: S1597-1-37.5 12
ORDER: 944531SN/LOT: 2Q04 DESC: BELT V QTY: 1 U/M: EA

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 944531

4. Organization: Cessna Aircraft Company
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number: 490844

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
12	BELT V	S1597-1-37.5	152	1	2Q04	New

13. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.
152,172,172RG,177,177RG,182,210,421,R182
PO# 02372

14. Certifies the items identified above were manufactured in conformity to:
- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

19. [ ] 14 CFR 43.9 Return to Service [ ] Other regulation specified in block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: [signature]
16. Approval/Authorization No.: 100129CE
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF
18. Date (m/d/y): 03/10/2005
20. Authorized Signature:
21. Approval/Certificate No.:
22. Name (Typed or Printed):
23. Date (m/d/y):

User/Installer Responsibilities
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

YEAR: 2005 DATE	REC TAC TIM			
3-26	2			...91'S, CLEANED
Corrected	19			...D GASKETS –
				...NSTALLED.
				...375.
3/26				HEARTLAND
5/01				
				075.
3/26				PN S1597-1-
				4075.

944531
ITEM: 12 PN: S1597-1-37.5 12
ORDER: 944531SN/LOT: 2Q04
DESC: BELT V QTY: 1 U/M: EA

PREMIER AIR CENTER, I

PART #: ~~S1597-1~~-37.5
DESCRIPTION: BELT V 135A
Bin: GI4 Warehouse: PAC MAIN
Expiration date: 8/20/2011
RECEIVED: 03/15/2005 SERIAL #:
LOT #: LT05-007758

1. Approving ... Au...
FAA/...
3. Form Tracking Number: 4531
4. Organiz... Ces... 58...
Work Order/Contract/Invoice Number: 490844
6. Item: 12
12. Status/Work: New
13. Remarks: AIRWOR... 152,17...
...PROVAL.

14. Certifies ...
- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

...tion specified in block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.: 100129CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.,ODARF	18. Date (m/d/y): 03/10/2005	22. Name (Typed or Printed):	23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/9			3898.2	REINSTALLED PROP. AFTER O.H. BY
	TSMH	– ~~0~~	0.0	HEARTLAND AIRCRAFT, ATCHISON KS - REF:
				W.O. NO. 2740 ON FILE - RAN ENG.
				NO OIL LEAKS, CYCLED PROP. NORMAL
				FLEW AIRCRAFT T.O. RPM 2550 -
				ADJUSTED FOR 2700 RPM ON T/O,
				CHECKED ON T.O. OK. PROP. INSTALLED
				PER SERV. MANUAL
				TORQUED PROP. STUDS TO 55 FT.LBS
				& SAFETIED WIRED NUTS.
				Charles H. Morris AP 1334075

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-15				MANDATORY SB NO. 566 N/A THIS
				ENGINE DUE O.H. DATE JAN 19 1992
				Charles H. Morris A&P 1334075

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YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/5	3750.9		~~3750.9~~	ENGINE OIL DRAINED, FILTER REMOVED &
				OPENED FOR VISUAL INSPECTION, FILTER CHK'S
				CLEAN NO METAL - INSTALLED 7 Qts
				AERO SHELL 80 GRADE 40 WT OIL & REPLACED
				OIL FILTER WITH A KELLEY AEROSPACE
				FS 48103 - ENGINE RUN & CHECKED
				FOR OIL LEAKS - TIME ON DRAINED OIL
				51.3 HRS. OIL FILTER TORQUED &
				SAFETY WIRED. Charles H. Morris
				A&P 1330475.

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YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/3	3759.8		3940.3	ENGINE ANNUAL INSPECTION
				COMPRESSION CHECK ENG. WARM
				CYL #1 - 80/78 #2 - 80/78
				#3 - 80/77 #4 - 80/78
				MAGNETO'S TIMEING ADJUSTED TO 25° BTC
				CLEANED ALL SPARK PLUGS, CHK'd GAP, BOMB
				TESTED & REINSTALLED TORQUED TO 360"LB'S.
				CHK'd ENG. CONTROLS FOR TRAVEL & SECURITY
				LUBI. CONTROLS.
				ADJUSTED ALT. BELT TENISON TIGHTEN &
				SAFTIED ADJ. BOLT.
				CONTINUE NEXT PAGE

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/3	3759.8		3940.3	ALL ACCESSORYS CHK'd FOR SECURITY & LEAKS
				ALL ENG. HOSES CHK'd FOR SERVICEABILITY & SECURITY
				REPL. 3 EA. ~~ENG~~ ~~MOUN~~ COWL MOUNTS.
				INSTALLED MISSING LANDING LITE TERMINAL SCREW.
				WASHED ENG. CHK'd FOR LEAKS ON RUN
				UP NONE NOTED - CHK'd BATT. BUS VOLTAGE
				HIGH 16V - REMOVED REGULATOR & CLEANED
				TERMINALS - REINSTALLED & BATT. VOLTAGE
				CHECKS 13.8-14 VOLT'S ON RUN-UP.
				SAIB - PROP. GOV. .040 SPACER - N/A GOV. INST. 1992
				AD 2005-19-11 N/A ENG. O.H. 1992
				AD 2004-10-14 N/A NO PROP STRIKE

CONT. NEXT PG

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/3	3746.0		3940.3	
				DATE 12/3/5 T.T. 3940.3 TACK 3759.8
				I certify this ~~aircraft~~/engine has been inspected
				in accordance with a ~~100 hr~~/annual inspection
				and was determined to be in airworthy condition.
				Kenneth Kruckeberg
				Kenneth Kruckeberg
				A&P 343121904 I.A.

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-2				AD 2005-26-10 N/A EXCEPTS
				NOT INSTALLED. Charles H. Morris
				AP 1334075.
~~3-7~~				
3-7				AD 2006-03-08 AERO ADVANTAGE N/A
				VACUUM PUMP NOT INSTALLED THIS
				ENGINE & Charles H. Morris AP 1334075

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
~~3-7~~	~~0:00 S OH~~ Chm			
3-7	3970.5		3968.5	REMOVED MCCAULEY PROP. GOV.
				P/N C290-D2D/T11, SN 71856 AND
				ROUTED TO TIFFIN AIRE INC. FOR O/H.
				Charles H. Mount A/P 1334075.
				=
3-7	0:00	TSOH		INSTALLED MCCAULEY PROP. GOV.
				P/N C290D2-J/T11, S/N 730490
				TORQUED MOUNT BOLTS TO 110"LBS
				& SAFETIED WIRED. ENG. GROUND
				RUN PROP. CYCLED & RPM CONTROLL-
				ED) @ 2700 RPM ON GROUND RUN AND
				CONTINUED NEXT PAGE →

1. Approving National Aviation Authority/Country	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	6145

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Tiffin Aire, Inc. 1778 West U.S. 224 Tiffin, Ohio 44883	W.O.6145

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MCCAULEY PROPELLER GOVERNOR	C290D2J/T11	N/A	1	730490	OVERHAULED

13. Remarks:

OVERHAULED IN ACCORDANCE WITH MCCAULEY SERVICE MANUAL 780401 REV.8 12/15/02.
COMPLIED WITH SERVICE BULLETIN:137AA.
COMPLIED WITH SERVICE LETTERS:2000-10B.2001-1F.2003-5.2005-01.

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

19. ■ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
			DTXR341D
17. Name (typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
		Gary E. Bibler	MAR.01,2006

User/Installer Responsibilities

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FAA FORM 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

MSN: 0052-00-012-9005

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-7				PROP. GOV. CHECKED FOR OIL LEAKS
				NONE NOTED. REF: 8130-3 ATTACHED & INVOICE 6145 ON FILE
				Charles H. Morris AP 1334075
3-7			NEW	REPLACED PROP. GOV. CONTROL ASSY - WITH
				MCFARLANE MCC299506-0105
				SECURED @ ALL MOUNT POINTS - ROD
				END ADJUSTED & LAM NUT TIGHTEN -
				ROD END BOLT NUT TIGHTEN & COTTER
				PIN INSTALLED - TOTAL TRACEL CK - OK
				Charles H. MORRIS AP 1334075.

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/4	3785.6		3984.9	DRAINED OIL & REMOVED FILTER
				INSTALLED 7 QTS AEROSHELL 80 GRADE 40WT
				OIL & CH 48108-1 OIL FILTER - SAFETIZED
				FILTER. Charles H. MORRIS A&P 1334075.
6/4	3785.6			INSTALLED 8 EA NEW AUTOLITE UREA
				38E SPARKPLUGS. Charles H. Morris A&P
				1334075.

1. Approving National Aviation Authority/Country	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	06.29.06.12.12.00

4. Organization Name and Address:
LAMAR TECHNOLOGIES LLC
14900 40TH Ave. N.E.
MARYSVILLE, WASHINGTON 98271 FAA/PMA PQ2242NM

5. Work Order,/Contract/Invoice Number:
W/O #: 481A

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	12V STARTER	31A22206 PM1201	LYCOMING 320,360,540 SERIES	1 ea.	85027012	"REBUILT"

13. Remarks*

ABOVE ITEM REBUILT AND TESTED PER LAMAR TECHNOLOGIES SPECIFICATIONS DWG # PM1201—H REV G 03/24/2006
AND PER THE REQUIREMENTS OF 14 CFR 43.3 (J)
ALL APPLICABLE SERVICE BULLETINS AND A.D. NOTES COMPLIED WITH TO DATE.
COMPLETE DETAILS HELD ON FILE W/O #.481A
PRESERVED FOR SHORT TERM STORAGE.

14. Certifies the item identified above were manufactured in conformity to:

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 13.

15. Authorized Signature:

16. Approval /Authorization No.:

17. Name (Typed or Printed):

18. Date:

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature:

21. Approval/Certificate No:
PQ2242NM

22. Name (Typed or Printed):
ALLAN T SALDECKI

23. Date:
Jun/29/2006

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the National regulations by the user/installer before the aircraft may be flown.

DATE				
10-4				REMOVED PRESTOLITE MZ 4206 STARTER
				INOP.
				INSTALLED REBUILT LAMAR STARTER 31A22208
				PN- PM-1201 SN 8502712 FORM
				8130-3 ATTACHED This PAGE.
				COMPUTED NEW CG.
				Charles H. Morris A&P 1334075 —
~~10-4~~				
10-4				REPLACED CARB. AIR FILTER ELEMENT
				PN- BA-5705.
				Charles H. Morris A&P 1334075 -

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-15-06	3824.9		4024.2	TSMOH 1494.6 Millennium Cyl's 498.1
				ENGINE INSP. 100HR PERFORMED PER
				CESSNA MAINT. MANUAL INSP. GUIDE.
				1. PERFORMED COMPRESSION CHECK #1 CYL -
				80/78 #2 80/79 #3 80/79 #4 80/79. CHECKED MAG.
				TIMING 25°BTC, CLEANED ALL S/P & REINSTALLED
				TORQUED TO 360"LBS. DRAINED ENG. OIL, OPENED OLD
				OIL FILTER & VISUAL INSP. NOTHING NOTED IN FILTER.
				SERVICED WITH 8 QTS AEROSHELL 15W50 OIL. & NEW
				CH 48103-1 OIL FILTER INSTALLED, & TORQUED & SAFETIED.
				2. REMOVED ENG. MUFFLER SHROUD & VISUAL
				INSP. FOR CRACKS & DEFORMALITIES: CK- NORMAL.

CONTINUED NEXT PAGE

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-15-06	3824.9		4024.2	ALL ENG. HOSES CHECKED FOR SECURITY &
				ROUTEING - ALL ACCESSORYS CK'D FOR SECURITY
				DRAINED CARB. BOWL & INSTALLED &
				SAFETY DRAIN PLUG. REPL. LT. AFT CYL. HEAD
				BUFFER. WASHED ENG. WITH SOLVENT
				Charles H. Morris A&P ~~1339075~~
				EUD 1334075
				CONT

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-15	3824.9		4024.2	TSMOH 1494.6 FOUND NEW AD'S
				2005-19-11 N/A OVERHAUL DATE
				2006-06-16 N/A OVERHAUL DATE
				2006-12-07 N/A HAS MILLENIUM CYL
				NO RECURRING AD'S
				I certify that this ENGINE has been
				Inspected in accordance with a ANNUAL
				Inspection, and was determined to be in an
				Airworthy condition.
				Date 11-15-06 ~~Tach~~ or (TT) 4024.2
				Raymond A. Rakers 1832602IA
				[signature]

1. Approving National Aviation Authority/Country: FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 6340

4. Organization Name and Address:
Tiffin Aire, Inc.
1778 West U.S. 224
Tiffin, Ohio 44883
FAA Certified Repair Station No.
DTXR341D

5. Work Order/Contract/Invoice Number: W.O.6340

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	WOODWARD ROPELLER GOVERNOR	B210490	N/A	1	1758081	OVERHAULED

13. Remarks:
OVERHAULED IN ACCORDANCE WITH WOODWARD SERVICE MANUAL 33002B 1987.
COMPLIED WITH SERVICE BULLETINS:33531,33571.

14. Certifies the items identified above were manufactured in conformity to:
- [ ] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

19.
- [x] 14 CFR 43.9 Return to Service
- [ ] Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

17. Name (typed or Printed):

18. Date (m/d/y):

20. Authorized Signature:

21. Approval/Certificate No.: DTXR341D

22. Name (Typed or Printed): Gary E. Bibler

23. Date (m/d/y): FEB/01/2007

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA FORM 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

MSN: 0052-00-012-9005

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-19-07	3838.7		~~6802~~	REMOVED McCAULEY PROP. GOV. DUE ~~SUR~~ RPM
			6802	SURGE - SN 730490 PN C290D2-J/T11.
				Charles H. Morris AP 1334075 —
2-19-07	3838.7		~~6804~~ STOTH	INSTALLED WOODWARD GOV. M/N B210490
				S/N 1758080 O.H BY TIEEN AIRE, REF:
		3451 2	1809	INVOICE # 6340 DATED 2/19/2007 ON FILE.
	Kenneth Thackrey IA			GOV. INSTALLED PER. STC SA300CE INSTALLATION
		Form 337	on file	INSTRUCTIONS 9963-056 DATED APRIL 12, 1974
		DATED 3-15-2007		Charles H. Morris A&P 1334075
		1.0		Test Flown To setting & operation normal 2700 RPM Charles H. Morris
				(PILOT LIC # 142-5671)

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-16	3867.8			OIL DRAINED & OIL FILTER REMOVED &
				CUT OPEN & EXAMINED FOR METAL CUT.
				NONE NOTED - INSTALLED NEW
				Champion CH48103-1 OIL FILTER TORQUED
				& SAFETY. INSTALLED 7 QTS AERO
				SHELL W 40 OIL. - CLEANED &
				ROTATED SPARK PLUGS. RUN ENG
				& CKD FOR OIL LEAKS, NONE NOTED
				Charles H. Morris
				A&P 1[redacted] 1334075
				END

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-15	3904.3			OIL DRAINED, OIL FILTER REMOVED
				CUT-OPEN & EXAMINED NO METAL OR
				OTHER CONTAMINANTS NOTED -
				SERVICED WITH 7 QTS AERO-SHELL
				15W50 OIL & NEW CH 48103-1 FILTER
SPARK PLUGS				INSTALLED TORQUED 16 FT.LBS & SAFETY
REINSTALLED &				WIRED - CLEANED ALL SP, PERFORMED
TORQUED	TO 360"LBS			COMPRESSION CK - #1-80/75 #2-80/75
				#3-80/78 #4-80/75, CHECKED & RESET
				TIMING TO 25° BTC, RUN-UP ENG. NO
				OIL LEAKS NOTED MAG. DROP NORMAL.
				Charles A. Sorroinhiel [illegible] A&P 1334075

YEAR: 2007 DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspection… Entries must be en… Facili… …ns, …Technician or Repair
9-15 3904.3 … REMOVED … TAL OR … D - … SHELL … 03-1 FILTE… & SAFETY … REFORMED … /75 … NO … NORMAL. … A&P 1334075
SPARK PLUGS REINSTALLED & TORQUED TO 360"LBS

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

UNITED STATES

2.

…047714

WORK ORDER, CONTRACT, OR INVOICE NUMBER: D0073363

4. ORGANIZATION: CESSNA AIRCRAFT COMPANY / CESSNA PARTS DISTRIBUTION DEPT.702 / 5800 E. PAWNEE, WICHITA, KS 67218

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0009	FILTER OIL	CH48103	TBV BY INSTALLER FAA/PMA	1	N/A	NEW

…KS: …RTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL

PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

…W [X] NEWLY OVERHAULED [ ]
…the new or newly overhauled part(s) identified above, except …specified in block 13 was (were) manufactured in accordance …roved design data and airworthiness.
…e of parts to be exported, the special requirements of the importing …been met.

…ulyn Lipps (signature)

16. FAA AUTHORIZATION NO.: PC4

…(…NTED): …PS, DOA

18. DATE: 07/06/00

19. Return to Service in Accordance with FAR 43.9
Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

20. AUTHORIZED SIGNATURE

21. CERTIFICATE NO.

22. NAME (TYPED OR PRINTED)

23. DATE

* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspectio...
9-15	3904.3			...moved
				...alor
				...oil
				...-1 Filt
	SPARK PL...			...safety
REINSTAL...				...formed
TORQUED 7...				...75
				...NO
				...mal.
				...75

1422271
ITEM: 6 PN: S1115-29
ORDER: 1422271SN/LOT: 3Q06
6
DESC: MOUNT
QTY: 1
U/M: EA

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 1422271

4. Organization Name and Address:
Cessna Aircraft Company
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number: 670808

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
6	MOUNT	S1115-29	150	1	3Q06	New

13. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# 06-11751

14. Certifies the items identified above were manufactured in conformity to:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: James A. Schild

16. Approval/Authorization No.: 100129CE

17. Name (Typed or Printed): JAMES A. SCHILD, ODARF

18. Date (m/d/y): NOV/20/2006

20. Authorized Signature:

21. Approval/Certificate No.:

22. Name (Typed or Printed):

23. Date (m/d/y):

User/Installer Responsibilities
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) *Installer must cross-check eligib... 00-012-9005

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-13	3911.3		~~[illegible]~~	REMOVED RT. SLICK MAG PN. 4370, SN. D0110341
				AND ROUTED TO TELEDYNE MATTITUCK SERVICES, INC.
				FOR 500 HR. INSPECTION.
				REMOVED LT. SLICK MAG PN. 4373, SN. 00100418
				AND ROUTED TO TELEDYNE MATTITUCK SERVICES INC.
				FOR 500 HR. INSPECTION.
				Charles H. [illegible] A&P 1334075.
				- BUD -

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TI SE
9-13	3911.3		54

ITEM: 4 1851367
ORDER: 1851368N/LOT: N/A PN: CH48103-1 4
DESC: FILTER OIL U/M: EA QTY: 1

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/UNITED STATES
2. AUTHORIZED RELEASE CERTIFICATE
3. Form Tracking Number: 1851367
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218
5. Work Order/Contract/Invoice Number: 785518

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
4	FILTER OIL	CH48103-1	N/A	1	N/A	New

13. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# POA07-14092

14. Certifies the items identified above were manufactured in conformity to:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work. the items are approved for return to service.

15. Authorized Signature: Kenneth E. Wysocki Sr.
16. Approval/Authorization No.: 1001Z9CE
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.,ODARF
18. Date (m/d/y): DEC/18/2007
20. Authorized Signature:
21. Approval/Certificate No.:
22. Name (Typed or Printed):
23. Date (m/d/y):

User/Installer Responsibilities
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-01

RT. MAG

WORK ORDER

Work Order No. 61806 Customer CHARLES H. MORRIS
Part No. 4370 Serial No. 00110341
Nomenclature 4300 SERIES SLICK MAGNETO
Description of work performed 500 Hr INSPECTION; REPLACED POINTS AND BRUSH; BENCH TESTED - OK

All work performed in accordance with applicable manufacturer's maintenance and parts manuals.
Date 10/09/07 Signed [signature]
TELEDYNE MATTITUCK SERVICES, INC. FAA Repair Station T10R507Y

WORK ORDER

Work Order No. 61806 Customer CHARLES H. MORRIS

Part No. 4373 Serial No. 00100463

Nomenclature 4300 SERIES SLICK MAGNETO.

Description of work performed 500 Hr INSPECTION; REPLACED POINTS AND BRUSH; BENCH TESTED - OK

All work performed in accordance with applicable manufacturer's maintenance and parts manuals.

Date 10/09/07 Signed Jim C Boyle

TELEDYNE MATTITUCK SERVICES, INC. FAA Repair Station T10R507Y

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-13	3911.3		~~[illegible]~~	REINSTALLED SLICK MAGNETOS FOLLOWING 500
			4	HR. INSPECTION · USING NEW FLANGE GASKETS
~~CONTINUED TIMES~~				MAGS TIMED & SYNCED. at 25° BTC
				MOUNT NUTS TORQUED TO 14' LBS.
(NOTE:) MAG'S PULLED				RT. MAG. PN. 4370 SN. 00110341.
EARLY BECAUSE ENG. HARD				LT. MAG PN. 4373 SN. 00100463.
TO START & EXCESSIVE				ENGINE RUN & CK'D FOR OIL LEAKS, &
MAG. DROP.				MAG. DROP 75R, 75L, ENG. COWLING
				REINSTALLED. SEE yellow TAGS ATTACH THIS
				LOG BOOK, W.O. & INVOICE ON FILE.
				W.O. #61806, INVOICE # 41434, DATED. 10-9-07
				Charles H. Morris A&P 1334075.

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-23	3922.7		4122.0	TSMOH 1592.4
				ENG. INSP. ACCORDING TO 100HR
				INSPECTION —
				REPAIRED CRACKED BAFFEL #2 CYL.
				REPL. SCAT-TUBEING CARB. INLET &
				OIL COOLER. INSTALLED NEW CARB.
				INLET. FILTER. INSTALLED NEW
				SHAFT IN CARB AIR CONTROL BOX.
				WASHED ENG.
				Charles H. Morris AP 1334075
				— End

YEAR: 2007 DATE	RECORDING TACH TIME	~~TODAY'S FLIGHT~~	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-23	3922.7	TT 4122.0		
		TSMOH 1592.4		I certify that this Engine has been
				Inspected in accordance with a Annual
				Inspection, and was determined to be in an
				Airworthy condition.
				Date 23 Nov 07 Tach or ~~TT~~ 3922.7
				Raymond A. Rakers 18326021A
3-12-08	3950.1			CHANGED ENG. OIL & OIL FILTER.
				INSTALLED 7 Qts ALROSHELL 15W 50
				INSTALLED NEW CH #8103-1 OIL FILTER
				TORQUED 14' LBS & SAFETY WIRED.
				ENG RUN CK FOR OIL LEAKS NONE
				NOTED. Charles H. Morris AP 1334075.

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-28	3998.4			CHANGED ENGINE OIL —
				DRAINED OIL & REMOVED FILTER —
				INSTALLED 7 QTS AEROSHELL 15W50
				INSTALLED NEW TEMPEST AA 48103
				OIL FILTER TORQUED TO 14 FT. LBS &
				SAFETY WIRED.
				AP 1334075 Charles H. Morris

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
20Dec	4222.6		~~4221.9~~ 4221.9	ENGINE 100 HR INSPECTION
			ITEM	#1. PERFORMED COMPRESSION CHECK (ENG. COLD.)
				CYL #1 80/75 CYL #3. 80/75, CYL #2. 80/75. CYL #4. 80/75.
			ITEM	#2. REMOVED ALL SPARK PLUGS CLEANED, REGAPPED
				.022 & BOMB CK'D ALL REINSTALLED USING
				NEW COPPER GASKETS TORQUED TO 360" LB'S.
			ITEM	#3. MAGNETO TIMING CHECKED & SET TO 25° BTDC.
			ITEM	#4. MANIFOIL PRESSURE SENCE LINE & UNION @ #3
				CYL CLEANED OUT.
			ITEM	#5. REPL. TANIS #4 CYL HEATER PROBE P/N TAS-100

ITEMS #1 THRU #5 Charles H. Morris AP 1334075

CONTINUED NEXT PAGE →

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
26Dec	4022.6		4221.9	100 HR INSP.
			Item	#6. FIREWALL FUEL STRAINER DISASSEMBLED & INSP. & CLEANED, REASSEMBLED USING NEW O-RINGS -
				TORQUED BOWL NUT TO 30"LBS & SAFETY WIRED.
				PRESSURE CHECKED FOR LEAKS.
			Item	#7 ENG. COWL LOWER LEFT MOUNT BRACKET BROKEN,
				LOWER ATTACHMENT REPLACED.
			Item	#8 EXHAUST MUFFLER & PIPES INSP. FOR
				CRACKS, SECURITY.
			Item	#9, ALL ACCESSORYS INSP. FOR SECURITY.
				ALL ENG. SERVICE HOSE INSP. FOR CONDITION &
				SECURITY. & ENG. CONTROLS CK'D FOR SECURITY & TRAVEL
			Item	#10. TOP & BOTTOM ENG COWL NOSE INLET PAINT TOUCH-UP.
				— END —

Items #6 Thru 10
Charles H. Simmons
AP 1384075

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
26Dec	4022.6		4221.9	
		TSMOH	1692.3	I certify that this ENGine has been
				Inspected in accordance with a ANNUAL
Time	Since	New		Inspection, and was determined to be in an
Superior	CYL	#	695.8	Airworthy condition. Date 26Dec08 Tach or TT 4022.6
				Raymond A. Rakers 1832602IA
				[signature]

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-11	4044.9			DRAINED ENGINE OIL, REMOVED OIL FILTER - CUT OPEN FILTER & INSP. SENT OIL SAMPLE TO BLACKSTONE LAB. - SAMPLE OK NORMAL - INSTALLED FILTER NEW ~~AH~~ TEMPEST AA48103 TORQUED TO 14 LBS & SAFETIED, CLOSED OIL DRAIN & SERVICED WITH 7 QTS AERO SHELL 15W-50, A&P Charles H [illegible] AP 1334075 — END —

YEAR: 2009 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-28	4082.8			DRAINED ENG-OIL & REMOVED FILTER, INSTALLED 7 QTS AERO SHELL 100 GRADE 50 WT. INSTALLED NEW TEMPEST AA48103 OIL FILTER TORQUED 14 LBS & SAFETIED PERFORMED COMPRESSION CK ENG WARM #1 CYL 80/78 #2 CYL 80/77 #3 CYL 80/77 #4 CYL 80/70. INSTALLED 8 EA NEW AUTO LITE UREM 38E SPARK PLUGS TORQUED TO 360" LBS.. ~~WA~~ CLEANED ENG. - RUN-UP CK FOR OIL LEAKS - ADJUSTED IDLE MIX & SPEED. CHECKED MAG TIMING 25°BTC DID NOT NEED ADJUSTING. Charles H [illegible] AP1334075

#1 80/78 #3 80/77
#2 80/77 #4 80/70
TACH 4082.8 9.27.09

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
03/10/10	4091.6		4290.9	Removed This ENGINE O-360-A1F6 S/N L-15677-36A.
				for Overhaul, for Camshaft Failure.
				Levi Rosecrans
				AP 1613512

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE

O-360-A1F6
S/N-L-15677-36A

03/11/2010 SMOH-00.00 TOTAL TIME- 4290.9

THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH LYCOMING OVERHAUL MANUAL P/N-60294-7, ALL APPLICABLE FEDERAL AVIATION ADMINISTRATION AIRWORTHINESS DIRECTIVES AND LYCOMING SERVICE BULLETINS. ALL PARTS HAVE BEEN INSPECTED AND DETERMINED AIRWORTHY FOR RETURN TO SERVICE. THE CRANKCASE WAS INSPECTED, REPAIRED AND CERTIFIED BY DIVCO OF TULSA OKLA. THE CRANKSHAFT AND COUNTER WEIGHTS WAS REWORKED, GROUND TO M003 AND CERTIFIED. CONNECTING RODS INSPECTED AND REBUSHED, ALL INTERNAL STEEL WAS MAGNAFLUX INSPECTED AND CERTIFIED BY AIRCRAFT SPECIALITIES OF TULSA OKLA. RECONDITIONED CAMSHAFT P/N-76097 S/N-S175956-20, NEW LIFTER HYD. UNITS P/N-72877 AND RECONDITIONED LIFTER BODIES WERE INSTALLED. ALL PARTS REQUIRED TO BE REPLACED BY THE OVERHAUL MANUAL HAVE BEEN INSTALLED NEW OR OVERHAULED. ENGINE WAS ASSEMBLED WITH NEW GASKET AND SEAL SET, WITH ALL NEW LOCKPLATES. THE CYLINDERS WERE OVERHAULED BY AIRCRAFT CYLINDER REPAIR CO.AND INSTALLED WITH NEW PISTONS, RINGS AND PISTON PINS.THE ENGINE HAS BEEN TEST RUN AS PER THE APPLICABLE LYCOMING OVERHAUL MANUAL.

LEVI ROSECRANS
AP1613512

chnician or Repair

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/11/10	4091.6		4220.9	Reinstalled This Engine O-360-~~F1A6~~ A1F6 S/N —
				L-15677-36A After Overhaul, with New
				Barry Mount Kits P/N-94011-20, Bolts and nuts.
				New IGN Harness installed P/N M4005, Oil
				Cooler Reinstalled After overhaul by Pacific Oil
				Cooler Service P/N 8406E-SV; Overhauled
				Magnetos Per Unison Master manual,
				installed New UREM38E S/plugs, New induction
				filter installed P/N BA5705. Replaced Fuel
				Priming hoses with New. Engine Overhaul
				CKD & Leak CK normal. Engine Serviced
				with 5 qt Mineral Oil For ENG
				(Cont.)

YEAR: ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Break in. ENG has been ground run
				Per Lycoming Overhaul Man. Procedures.
				ENG is Approved For Return to Service
				for work Performed.
				Levi Rosecrans
				[signature]
				AP 161351?

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11 MAR	4091.6		4290.9	
				I certify that this Engine has been
				Inspected in accordance with a Annual
				Inspection, and was determined to be in an
				Airworthy condition.
				Date 11 MAR 2010 Tach or ~~TT~~ 4091.6
				Raymond A. Rakers 1832602IA

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/10	4118.4		4316.2	ENGINE OIL & FILTER CHANGE.
				DRAINED BREAK-IN OIL (25.3) SENT O.H
				REMOVED OIL FILTER, CUT-OPEN AND
				EXAMINED FOR CONTAMINANTS NONE
				FOUND - ADDED 7 QTS AERO SHELL
				15W-50 OIL, INSTALLED NEW
				TEMPEST OIL FILTER AA 48103 TORQUED
				TO 16 LBS & SAFTIED WIRED. GROUND RUN
				ENGINE & CHECKED FOR OIL LEAKS NONE
				NOTED - OIL PRESS. OK NORMAL.
				Charles H. Morris A&P 1334075.

YEAR: 2011 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	4364.5			
				DRAINED ENGINE OIL & REMOVED
				OIL FILTER -
				INSTALLED 7 QTS 15W 50 AERO SHELL
				OIL & KELLEY ES 48104 OIL FILTER, TORQUED
				15' LB'S & SAFETY WIRED.
				PERFORMED COMPRESSION CK. #1 80/75 #2 80/78 #3 80/74 #4 80/73
				ENG. WARM.
				CK. & ADJUSTED MAG. TIMING TO 25° BTC.
				S/P CLEANED, REINSTALLED TORQUED TO 360" LB'S.
				CK'D ALL ENG. CONTROL'S FOR TRAVEL & SECURITY.
				Charles H. Morris AP 1334075.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N34125 TACH-4165.2 3/22/2011
				ENGINE: LYCOMING O-360-A1F6 S/N-L-15677-36A SMOH-73.6 T.T.-4364.5
				COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH CESSNA SERVICE MANUAL CHECKLIST AND FAR 43 (d). COMPRESSIONS ARE #1,74 #2, 76 #3, 72 #4,73 ' ALL OVER 80. MAG TIMING CHECKED. LEAK AND OPERATIONAL CHECKED NORMAL
				AD'S CHECKED THRU THIS DATE.
				I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.
				LEVI ROSECRANS
				AP1613512IA

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/14/12	4196.5			Inspected this Engine in Accordance with Cessna Service Manual CK List and FAR 43. Compressions are as follows #1, 76, #2, 74, #3, 76 #4, 75. All over 60. I Certify this engine has been inspected in Accordance with an Annual Inspection and is in Airworthy Condition. AD'S CK'D thru this date [signature] A&P 1613512 IA.

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/11/12	4199.9			REMOVED LAMAR STARTER P/N PM1201 INSTALLED PMA NO. PQ0852SW P/N 149-NL S/N FN-0312101 SKY-TEC STARTER. 11 MAY 2012. Computed NEW CG. A&P 1334075 Charles H. Morris
5/11/12	4199.9			ENG. OIL DRAINED & 7 Qts AEROSHELL 80W & 40W INSTALLED. OIL FILTER REMOVED & NEW CS48104 KELLEY OIL FILTER INSTALLED, TORQUED 16 LBS & SAFETIED. Charles H. Morris AP 1334075 - Eng --

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-15	4202.1			INSTALLED NEW TACH. CABLE ASSY PN 10-15800. SUPPLIED BY SPRUCE AIR CRAFT. A.P Charles H. Morrill 1334075 —

N34125
TACH.-4230.1

2013

S/N- I-15677-36A
SMOH-138.5

4/03/2013
ETT.-4429.4

ENGINE

COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CESSNA MAINTENANCE MANUAL CHECKLIST AND FAR 43 APPENDIX d. COMPRESSIONS ARE AS FOLLOWS, #1, 75/80, #2,76/80, #3 77/80, #4 76/80. CLEANED,GAPPED AND TESTED SPARKPLUGS,& REINSTALLED. LEAK & OPERATIONAL CHECKED NORMAL.

AD'S CHECKED THRU THIS DATE. NO AD'S DUE.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

LEVI ROSECRANS AP1613512IA

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-10	4236.7			OIL DRAINED & OIL FILTER REMOVED, INSTALLED 7 Qts AERO SHELL 100 GRADE 50 WT. OIL, INSTALLED NEW ES 48104 KELLY OIL FILTER SAFTEY WIRED (TORQUE 16 LBS). — Charles H. Morrill A&P 1334075 —
3604				

YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-13	4263.2			REMOVED AIRBORN VACCUM PUMP
				PN AA 215 CC SN-13930 DUE BROKEN
				DRIVE-
				INSTALLED NEW TEMPEST AA 3215CC
				SN 046813, MOUNT NUTS TORQUE
				65"LBS. NO WT & BAL. CHANGE.
				AP 1334075 Charles H. Morris.

YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1APR 2014	TACH 4272.6			SMOH 181.0 ETT 4471.8
AD check OK				I certify that this ENGINE has been
no new AD'S				Inspected in accordance with a ANNUAL
				Inspection, and was determined to be in an
				Airworthy condition.
				Date 1APR 14 Tach or 4272.6
				Raymond A. Rakers 1832602IA

YEAR: 2015 DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency
4/18	4298.5	100 HR INSP. COMPRESSION CK #1 80/78 #2 80/78 #3 80/78 #4 80/78 DRAINED OIL & REMOVED FILTER, INSTALLED NEW TEMPEST AA 48103-2 OIL FILTER TORQUED TO 14' LBS & SAFETY WIRED. REPL. TWO POPPED RIVETS @ 11 O'CLOCK POSITION FIREWALL COWLING MOUNT BRACKET. REPL. OUTBD LEG OF COWLING MOUNT BRACKET @ 3 O'CLOCK POSITION ON FIREWALL. ENG. CK FOR OIL & FUEL LEAKS, CONTROLS CK FOR FULL TRAVEL & SECURITY. REINSTALLED ENG. COWLING & SECURED. ~~[illegible]~~ INSTALLED 7 QTS AERO SHELL 100 PLUS OIL. Charles H. ~~[illegible]~~ A&P 1334075

YEAR: 2015 DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency
18 APR 2015		NO RECURADS, NO NEW AD'S THIS TIME. TACH 4298.5 TSMOH 206.9 ETT 4497.8
		I certify that this AIRCRAFT has been Inspected in accordance with a ANNUAL Inspection, and was determined to be in an Airworthy condition. Date 18 APR 2015 Tach or ~~[illegible]~~ 4298.5 Raymond A. Rakers 1832602IA

YEAR: 2015 DATE	TOTAL TIME IN SERVICE TACH.	**Reference of Major Repairs and Major Alterations To** FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency
11/24	4331.1	DRAINED ENGINE OIL & REMOVED ENGINE OIL FILTER, INSTALLED NEW ~~CHAMP~~ TEMPEST AA48103-2 OIL FILTER TORQUED TO 15' LBS & SAFTIED WIRED.
		INSTALLED 7 QTS AEROSHELL 80W 40SAE Oil.
		Charles H. Morris A&P 1334075 END.

YEAR: 2016 DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing of Compliance and Method of Compliance
4/15		4348.9	(1) PERFORMED COMPRESSION CK. #1 80/79 #2 80/79 #3 80/79 #4 80/79
			(2) SPARKPLUGS CLEANED GAP'D BEADBLASTED BOMB TESTED ALL OK. REINSTALLED TORQUED 360"LB'S. (3) CHECKED MAG TIMING LT. MAG
			RESET TO 25° RT. MAG. OK @ 25°. (4) CHECKED ENG & PROP. CONTROLS
			FOR FULL TRAVEL, SECURITY. (5) EXH. SYS INSP. FOR CRACKS
			& SECURITY. (6) INTAKE SYS. ALL OIL & FUEL LINES
			INSP. FOR CONDITION, LEAKS, SECURITY. (7) CRACKS
			REPAIRED IN LOWER COWL NOSE BOWL.
			Charles H. Morris A&P 1334075 -

YEAR: 2016 DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
4/19	TACH	4348.9	NO NEW AD'S THIS TIME
		TSMOH 257.3	ETT 4548.2
			I certify that this Engine has been Inspected in accordance with a Annual Inspection, and was determined to be in an Airworthy condition.
			Date 19 APRIL Tach or 4348.9
			Raymond A. Rakers 1832602IA

YEAR: 2016 DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
9/29	TACH	4368.2	DRAINED ENGINE OIL & REMOVED OIL FILTER,
			INSTALLED 7QTS AEROSHELL 15W50 OIL.
			INSTALLED KELLEY OIL FILTER E548103-1
			TORQUED 15 LBS & SAFTY WIRED.
			CUT OPEN OLD OIL FILTER & INSPECTION
			REVEALED NO METALS OR OTHER CONTAINMENTS.
			Charles H. Morris A&P 1334075
			— END —

YEAR: _____ DATE	TOTAL TIME IN SERVICE	**Manufacturers' Mandatory Service Bulletins** Chronological Listing of Compliance and Method of Compliance

YEAR: _____ DATE	TOTAL TIME IN SERVICE	**Equipment Addition, Removal or Exchange** Item Manufacturer's Name Model Serial Number	
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional

YEAR: _____ DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange Item Manufacturer's Name Model Serial Number	
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional
			☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required–Exchanged for Optional ☐ Removal of Required–Exchanged for Optional

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