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## ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T24002091 N246VB

ENGINE MODEL AND SERIAL TS10 S50 C20 1031118

D5518-3-13



## INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER																										
	HOURS	10THS																												
			<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <thead> <tr> <th style="width: 15%;">A/C Serial #</th> <th style="width: 15%;">A/C Unit #</th> <th style="width: 15%;">A/C Registration #</th> <th style="width: 15%;">Date</th> <th style="width: 15%;">City ID</th> <th style="width: 15%;">Total A/C Hours</th> <th style="width: 15%;">Total A/C Landings</th> <th style="width: 15%;">Total Engine HRS</th> <th style="width: 15%;">Total Prop Hrs</th> </tr> </thead> <tbody> <tr> <td>T24002091</td> <td>2091</td> <td>N248VB</td> <td>22 Dec. 2015</td> <td>IDP</td> <td>7.8</td> <td>6</td> <td>7.8</td> <td>2.8</td> </tr> </tbody> </table> <p>Engine Model <b>TB10550C (20)</b> Serial Number <b>1031118</b> has been installed on aircraft S/N <b>T24002091</b>  with TTAF <b>7.8</b> TTSN was <b>7.8</b>  This engine serviced with 8 qts Phillips Aviation Oil Type M 20W50 and Champion AA48108-2 filter</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Work Performed by <b>CESSNA AIRCRAFT COMPANY</b> Certificate No. <b>PC-4</b> Date <b>22 Dec. 2015</b></td> </tr> <tr> <td colspan="2">I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration</td> </tr> <tr> <td>Work Inspected by  <b>John Bleum Jr</b> Certificate No. <b>PC-4</b> Date <b>22 Dec. 2015</b></td> <td></td> </tr> <tr> <td colspan="2">Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable</td> </tr> </table>	A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Total Engine HRS	Total Prop Hrs	T24002091	2091	N248VB	22 Dec. 2015	IDP	7.8	6	7.8	2.8	Work Performed by <b>CESSNA AIRCRAFT COMPANY</b> Certificate No. <b>PC-4</b> Date <b>22 Dec. 2015</b>		I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration		Work Inspected by <b>John Bleum Jr</b> Certificate No. <b>PC-4</b> Date <b>22 Dec. 2015</b>		Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable		
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# MAINTENANCE RECORD

DATE

SIGNATURE,  
DATE TYPE  
NUMBER



## Van Bortel Aircraft Inc.

The World's Most Experienced Cessna Corvallis Service Facility

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Arlington, TX 76018

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Fax: 817.468.5611

FAA CRS# VNFR171L  
www.vanbortel.com

N246VB

H.M. 18.6  
TCM TSIO-550-C(20)

Tach & Total: 14.5

03/29/2016  
S/N: 1031118

W.O. SV4402

TIMED MAGNETOS TO 24 DEGREES. PERFORMED FUEL SYSTEM TEST AND ADJUSTMENT IN ACCORDANCE WITH CONTINENTAL M18. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR

# MAINTENANCE RECORD

D

SIGNATURE,  
DATE TYPE  
NUMBER



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N246VB

H.M. 36.9  
TCM

Engine Total: 30.0  
Model: TSIO-550-C(20)

05/25/2016  
Serial: 1031118

W.O. SV611

OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS. CHANGED OIL & FILTER. NO DEFECTS NOTED IN REMOVED FILTER MEDIA. SERVICE: PHILLIPS XC 20W50 OIL AND NEW CH48109-1 FILTER. NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR



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DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		



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N246VB

H.M. 65.0  
• TCM

Engine Total: 55.7  
Model: TSIO-550-C(20)

07/26/2016  
Serial: 1031118

W.O. SV4699

OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS. CHANGED OIL & FILTER. NO DEFECTS NOTED IN REMOVED FILTER MEDIA; SERVICED PHILLIPS XC 20W50 OIL AND NEW CH48109-1 FILTER. NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER

N246VB

H.M. 113.3  
TCM

Engine Total: 101.0  
Model: TSIO-550-C(20)

11/09/2016  
Serial: 1031118

W.O. SV4860

OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS. CHANGED OIL & FILTER. NO DEFECTS NOTED IN REMOVED FILTER MEDIA; SERVICED PHILLIPS XC 20W50 OIL AND NEW CH48109-1 FILTER. NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR

# MAINTENANCE RECORD

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N246VB

Hour Meter: 129.5  
CONTINENTAL

Tach & Total: 116.1  
TSIO-550-C(20)

01/26/2017  
SERIAL: 1031118

W.O: SV4884

PERFORMED A 100 HOUR/ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA TTX MAINTENANCE MANUAL 400MM06. COMPRESSIONS: #1 72 #2 70 #3 74 #4 72 #5 70 #6 60/80. OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS; CHANGED OIL & FILTER, SERVICED WITH PHILLIPS X/C 20W50 OIL AND NEW CH48109-1 OIL FILTER; NO ABNORMALITIES NOTED IN REMOVED FILTER MEDIA. INSTALLED NEW SKYTEC STARTER P/N C245T3 S/N 4C3-431511 IN ACCORDANCE WITH CESSNA MM06 AND CONTINENTAL M-18. TIMED MAGNETOS TO 24°. INSTALLED ALL NEW VALVE COVER GASKETS, P/N 655705. INSTALLED NEW RIGHT TURBO TRANSITION, P/N 657687. INSTALLED NEW RIGHT TAIL PIPE, P/N 2850100-3. INSTALLED NEW OIL PRESSURE TRANSDUCER, P/N P265-100G-E4C. INSPECTED AND FOUND AD2016-21-04 HAS BEEN COMPLIED WITH THROUGH COMPLIANCE WITH CONTINENTAL CSB15-2 DURING PRODUCTION; NO FURTHER ACTION REQUIRED. AD'S CHECKED THROUGH BIWEEKLY 2017-02. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR

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N246VB

Hour Meter: 179.8  
CONTINENTAL

Tach & Total: 163.2  
TSIO-550-C(20)

05/31/2017  
SERIAL: 1031118

W.O: SV5143

OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS. CHANGED OIL & FILTER. SERVICED WITH PHILLIPS XC20W50 AND NEW CH48109-1 FILTER. NO DEFECTS NOTED IN REMOVED FILTER MEDIA, NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR





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4912 S. Collins St  
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DATE

N246VB

Hour Meter: 217.6

Tach & Total: 199.3

07/27/2017

W.O: SV5223

CESSNA

T240

SERIAL: T24002091

INSTALLED NEW PINS, P/N 12089290, IN OIL PRESSURE TRANSDUCER CONNECTION. INSTALLED NEW ORINGS, P/N M2598811-010, ON BOTH FUEL DRAINS. RESEALED LEFT INBOARD FUEL PANEL. SERVICED WITH AVIATORS BREATHING OXYGEN. ALL WORK PERFORMED IN ACCORDANCE WITH 400MM06.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

STEPHEN POWERS  
INSPECTOR

SIGNATURE,  
TYPE  
NUMBER



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N246VB

Hour Meter: 259.1

Tach & Total: 154.3

02/01/2018

W.O: SV5428

CONTINENTAL

TSIO-550-C(20)

SERIAL: 1031118

PERFORMED A 100 HOUR/ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA TTX MAINTENANCE MANUAL 400MM06. COMPRESSIONS: #1 66 #2 68 #3 65 #4 68 #5 66 #6 50/80. OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS: CHANGED OIL & FILTER, SERVICED WITH PHILLIPS X/C 20W50 OIL AND NEW CH48109-1 OIL FILTER; NO ABNORMALITIES NOTED IN REMOVED FILTER MEDIA. AD'S CHECKED THROUGH BIWEEKLY 2018-02.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ZACH MUNGER  
INSPECTOR



# VAN BORTEL AIRCRAFT INC™

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4912 S. Collins St  
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DATE

N246VB

Hour Meter: 306.8

Tach & Total: 199.4

06/27/2018

W.O: CV1158

CONTINENTAL

TSIO-550-C(20)

SERIAL: 1031118

OBTAINED WARM OIL SAMPLE FOR ROUTINE ANALYSIS. CHANGED OIL & FILTER. SERVICED WITH PHILLIPS XC20W50 AND NEW CH48109-1 FILTER. NO DEFECTS NOTED IN REMOVED FILTER MEDIA. NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN. COMPLIED WITH SEB-78-01 BY INSTALLING NEW LEFT TAIL PIPE P/N 2850100-14.


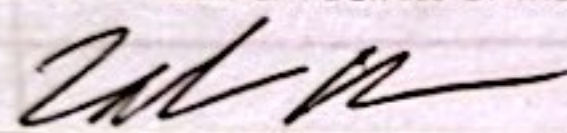
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ZACH MUNGER  
INSPECTOR



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TYPE  
NUMBER



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 <b>VAN BORTEL AIRCRAFT INC™</b>		<b>FAA CRS# VNFR171L</b> 4912 S. Collins St Arlington, TX 76018 817-468-7788 www.vanbortel.com	
N246VB	Hour Meter: 344.1 CONTINENTAL	Tach & Total: 234.8 TSIO-550-C (20)	01/21/2019 W.O: CV1220 SERIAL: 1012412
<b>Mandatory Part 91 Maintenance &amp; Life Limits</b> <ul style="list-style-type: none"> <li>Performed 100 Hour/Annual Inspection IAW FAR 43 and the Cessna 400MM06 Maintenance Manual. Compressions: 1# 63 2# 66 3# 68 4# 60 #5 66 #6 60/80.</li> </ul>			
<b>Manufacturers Time Limits, Inspections &amp; Instructions for Continued Airworthiness</b> <ul style="list-style-type: none"> <li>Obtained oil sample for routine analysis. Changed oil &amp; filter, serviced with Phillips XC20W50 and new CH48109-1 Filter.</li> <li>Complied with A/C Compressor Belt Inspection &amp; Tension.</li> <li>Performed comprehensive exhaust system inspection and exhaust system pressure test with no defects noted.</li> <li>Removed, cleaned, inspected and reinstalled all fuel injectors.</li> </ul>			
<b>Service Bulletins</b> <ul style="list-style-type: none"> <li>Hartzell SB074 is N/A; no affected turbos installed as verified by log research.</li> </ul>			
<b>Airworthiness Directives</b> <ul style="list-style-type: none"> <li>AD's checked through Biweekly 2019-02.</li> </ul>			
<b>General Maintenance</b> <ul style="list-style-type: none"> <li>Timed magnetos to 24°.</li> </ul>			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.			
ZACH MUNGER INSPECTOR			

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 <b>VAN BORTEL AIRCRAFT INC™</b>		<b>FAA CRS# VNFR171L</b> 4912 S. Collins St Arlington, TX 76018 817-468-7788 www.vanbortel.com	
N246VB	Hour Meter: 375.8 CONTINENTAL	Tach & Total: 263.6 TSIO-550-C (20)	11/15/2019 W.O: CV1506 SERIAL: 1031118
<b>Mandatory Part 91 Maintenance &amp; Life Limits</b> <ul style="list-style-type: none"> <li>Performed 100 Hour/Annual Inspection IAW FAR 43 and the Cessna 400MM06 Maintenance Manual. Compressions: 1# 62 2# 73 3# 64 4# 67 #5 70 #6 60/80.</li> </ul>			
<b>Manufacturers Time Limits, Inspections &amp; Instructions for Continued Airworthiness</b> <ul style="list-style-type: none"> <li>Changed oil &amp; filter, serviced with Phillips XC20W50 and new CH48109-1 Filter.</li> <li>Complied with A/C Compressor Belt Inspection &amp; Tension.</li> <li>Performed comprehensive exhaust system inspection and exhaust system pressure test with no defects noted.</li> </ul>			
<b>Service Bulletins</b> <ul style="list-style-type: none"> <li>Inspected engine thru-stud nuts IAW Continental SB18-04A and found alternate profile nuts installed. No further action required.</li> <li>Inspected cylinders IAW Continental SB18-08A and found all affected. Modified cylinders, blended and applied Alodine IAW SB instructions.</li> </ul>			
<b>Airworthiness Directives</b> <ul style="list-style-type: none"> <li>AD's checked through Biweekly 2019-23.</li> </ul>			
<b>General Maintenance</b> <ul style="list-style-type: none"> <li>Timed magnetos to 24°.</li> <li>Installed new #1 intake tube, P/N 646198.</li> <li>Installed new manifold pressure drain line, P/N 306-4.</li> </ul>			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.			
ZACH MUNGER INSPECTOR			



# MAINTENANCE RECORD


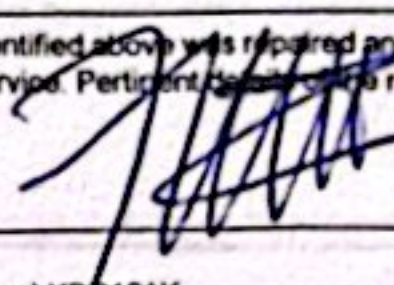
DATE	TOTAL TIME	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1/6/2020	HC	<p><b>ENGINE MODEL:</b> ENGINE S/N: REG. NO. 246VB WORK ORDER: 12361</p> <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 1/6/2020 SIGNED: <i>[Signature]</i> Work Order: 12361 Frank R Galella Certified Repair Station No. LKPR101K Printed by EBis 3 (datcomedia.com)</p>	

# MAINTENANCE RECORD

DATE	TOTAL TIME	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2/14/2020		<p><b>ENGINE MODEL:</b> ENGINE S/N: REG. NO. 246VB WORK ORDER: 12390</p> <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 2/14/2020 SIGNED: <i>[Signature]</i> Work Order: 12390 Frank R Galella Certified Repair Station No. LKPR101K Printed by EBis 3 (datcomedia.com)</p>	
2/21/2020		<p><b>ENGINE MODEL:</b> ENGINE S/N: REG. NO. 246VB WORK ORDER: 12395</p> <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (1) REMOVED AND REPLACED STARTER ADADPTER WITH NEW, P/N: 642087A70.... (4) REMOVED AND REPLACED OIL RETURN LINE FROM OI SEP TO SUMP.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 2/21/2020 SIGNED: <i>[Signature]</i> Work Order: 12395 Frank R Galella Certified Repair Station No. LKPR101K Printed by EBis 3 (datcomedia.com)</p>	



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	HOURS	10THS		
			<p>ENGINE MODEL: ENGINE S/N: REG. NO. 246VB WORK ORDER: 12429</p> <p> <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 4/16/2020 A/C TSN: 400.5 ENG TT: 400.5 TSMOH: TACH: 400.5</p> <p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 4/16/2020      SIGNED:       CRS# LKPR101K      Work Order: 12429 Frank R. Galella Certified Repair Station No. LKPR101K      Printed by EBis 3 (datcomedia.com)</p>	

# MAINTENANCE RECORD

DATE	T H	HO	ENGINE MODEL: ENGINE S/N: REG. NO. 246VB WORK ORDER: 12489	 <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450	DESCRIPTION OF THE WORK PERFORMED	DATE: 7/2/2020 A/C TSN: 472.8 ENG TT: 472.8 TSMOH: TACH: 472.8	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			<p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL. (7) REMOVED AND REPLACED WORN SPARK PLUGS WITH NEW, P/N: RHB32E. OPS CHECK OK. (8) REMOVED AND REPLACED LEFT AND RIGHT MAGNETOS WITH OVERHAULED, P/N: 10-500556-101, S/N: D17GA119 &amp; D17FA158. OPS CHECK OK.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p>				
			<p>ENGINE MODEL: ENGINE S/N: REG. NO. 246VB WORK ORDER: 12536</p> <p> <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 8/20/2020 A/C TSN: 520.9 ENG TT: 520.9 TSMOH: TACH: 520.9</p> <p><b>Engine Entries</b> (8) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 8/20/2020      SIGNED:       CRS# LKPR101K      Work Order: 12536 Frank R. Galella Certified Repair Station No. LKPR101K      Printed by EBis 3 (datcomedia.com)</p>				



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DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/5/20	535.3	3 FTT	Removed & Installed New Alternator PN: ALU-6526 S/N: H-T081244. Ran and OPs checked Good.	<i>[Signature]</i> AP2775658

# MAINTENANCE RECORD

DATE	TIME	DESCRIPTION OF THE WORK PERFORMED	FAA CRS# VNFR171L	SIGNATURE, DATE TYPE MBER
			4912 S. Collins St Arlington, TX 76018 817-468-7788 www.vanbortel.com	
		<b>VAN BORTEL AIRCRAFT INC™</b> <b>N246VB</b> <b>Hour Meter: 764.7</b> <b>Tach &amp; Total: 614.1</b> <b>12/17/2020</b> <b>W.O.: CV1719</b> <b>CONTINENTAL</b> <b>TSIO-550-C (20)</b> <b>SERIAL: 1031118</b>		
		<b>Mandatory Part 91 Maintenance &amp; Life Limits</b> <ul style="list-style-type: none"> <li>Performed 100 Hour/Annual Inspection IAW FAR 43 Appendix D and the Cessna 400MM06 Maintenance Manual. Compressions: 1# 66 2# 52 3# 61 4# 66 #5 52 #6 69/80.</li> </ul>		
		<b>Manufacturers Time Limits, Inspections &amp; Instructions for Continued Airworthiness</b> <ul style="list-style-type: none"> <li>Obtained warm oil sample for routine analysis. Changed oil &amp; filter, serviced with Phillips XC20W50 and new CH48109-1 Filter.</li> <li>Complied with A/C Compressor Belt Inspection &amp; Tension.</li> <li>Performed comprehensive exhaust system inspection and exhaust system pressure test with no defects noted.</li> </ul>		
		<b>Service Bulletins</b> <ul style="list-style-type: none"> <li>None.</li> </ul>		
		<b>Airworthiness Directives</b> <ul style="list-style-type: none"> <li>AD2020-16-11, Continental MSB18-088 and Continental MSB18-08C previously complied with through cylinder modification IAW Continental SB18-08A on 11/15/2019 at 236.6 TT VBA Work order CV1506.</li> <li>AD's checked through Biweekly 2020-26.</li> </ul>		
		<b>General Maintenance</b> <ul style="list-style-type: none"> <li>Timed magnetos to 24°.</li> <li>Installed new turbo check valve, P/N 646717.</li> <li>Installed new fuel injector line clamp, P/N 652436-1 on #5 and #6 fuel injector lines.</li> <li>Installed new pushrod tube seals and o-rings, P/N's 534610 and 630286, and new rocker cover gaskets, P/N 658735, on #1 intake, #2 exhaust, #3 exhaust, #4 intake and exhaust, #5 intake, and #6 exhaust.</li> <li>Installed new rocker cover gasket, P/N 658735, on #5 exhaust.</li> </ul>		
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.		
		STEPHEN POWERS INSPECTOR <i>[Signature]</i>		



ENGINE MODEL:  
ENGINE S/N  
REG. NO. 246VB  
WORK ORDER: 12661



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 1/27/2021  
A/C TSN: 638 B  
ENG TT: 638 B  
TSMOH:  
TACH: 638 B

HORIZONTAL SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

#### Engine Entries

(4) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 1/27/2021

SIGNED:

Frank R Galella  
Certified Repair Station No. LKPR101K

Work Order: 12661

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ENGINE MODEL:  
ENGINE S/N  
REG. NO. 246VB  
WORK ORDER: 12683



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 3/8/2021  
A/C TSN: 669.5  
ENG TT: 669.5  
TSMOH:  
TACH: 669.5

#### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 3/8/2021

SIGNED:

Frank R Galella  
Certified Repair Station No. LKPR101K

CRS# LKPR101K

Work Order: 12683

Printed by EBis 3 (datcomedia.com)

## MAINTENANCE RECORD

DATE

TOTAL TIME



**VAN BORTEL AIRCRAFT INC™**

FAA CRS# VNFR171L

4912 S. Collins St  
Arlington, TX 76018  
817-468-7788  
www.vanbortel.com

ED SIGNATURE,  
ICATE TYPE  
UMBER

N246VB

Hour Meter: 892.3  
CONTINENTAL

Tach & Total: 727.4  
TSIO-550-C(20)

5/11/2021

SERIAL: 1031118

W.O.: CV10074

#### Service Bulletins

- Inspected connecting rod piston pin bushings on all connecting rods during cylinder changes IAW Cessna SEL-79-03 & Continental CS807-1A, with no defects noted.

#### Airworthiness Directives

- AD2020-16-11, Cessna SEL-71-11 & Continental MS818-08C are all N/A by cylinder S/N's installed. No further action required.

#### General Maintenance

- Installed new Continental balanced pack of cylinders, P/N 658820A48P, S/N's #1 AC21AA447, #2 AC21AB625, #3 AC21BA051, #4 AC21AB611, #5 AC21AA279, #6 AC21BA054. Cylinders installed with all new piston pins, P/N 649703, gaskets, o-rings, and seals.
- Installed all new lifters in all intakes and exhaust locations P/N 658088 & P/N 658077.
- Changed oil & filter; No defects noted in removed filter media. Serviced engine with Phillips 20W50 Type M.

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER.

STEPHEN POWERS  
INSPECTOR

Hobbs



922.5

Changed oil + Filter, Serviced w/ Phillips 20W50 +  
AA48109 filter. Run + leak checked good.


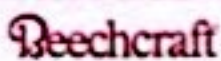


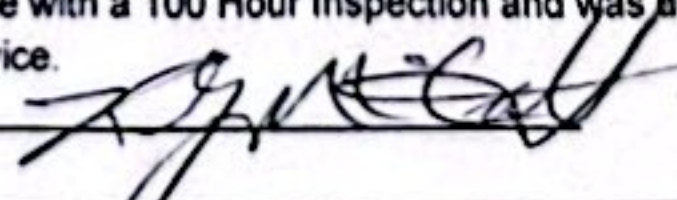
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# MAINTENANCE RECORD

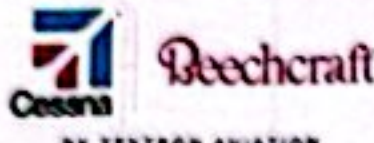


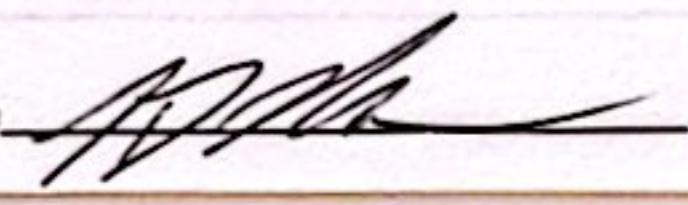
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: ENGINE S/N REG NO 246VB WORK ORDER 12839</p> <p> <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 9/15/2021 A/C TSN: 852.4 ENG TT: 852.4 TSMOH: TACH: 852.4</p> <p><b>Engine Entries</b></p> <p>(1) COMPLETED 50 HR INSPECTION AS PER 50 HR INSPECTION CHECKLIST. CHANGED OIL AND FILTER WITH NEW, INSPECTED FILTER, AND FOUND NO CONTAMINATION. CHECK COMPRESSION USING 80 PSI AS REFERENCE: #1) 70/80 #2) 72/80 #3) 75/80 #4) 75/80 #5) 70/80 #6) 70/80... (3) BORESCOPE ALL CYLINDER ASSYS... (5) REMOVED AND REPLACED ALL SPARK PLUGS WITH NEW, P/N: RHB32E.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 9/15/2021      SIGNED:  <b>Inspector #2</b> Frank R. Galella      CRS# LKPR101K      Work Order: 12839 Certified Repair Station No. LKPR101K      Printed by EBis 3 (datamedia.com)</p>	

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>   </p> <p>BY TEXTRON AVIATION      CHAUTAUQUA AIRCRAFT SALES, INC. 3163 Airport Dr, Jamestown, NY 14701 - Phone (716) 664-7700</p> <p><b>Work Order# 10489</b>      <b>CRS# IC1R213K</b>      <b>Aircraft: N246VB</b> <b>Engine Serial: 1031118</b>      <b>Date: 01-14-2022</b>      <b>Hobbs: 1128.4</b> Tach: 942.5</p> <ul style="list-style-type: none"> <li>Complied with 100 Hour Inspection in accordance with 14 CFR 43 appendix D using the Cessna LC41-550FG/T240 Maintenance Manual (Rev 6), and 05-20-00 (Rev 4) Annual Inspection checklist as a guide.</li> <li>Changed engine oil and filter- inspected old filter - no metal noted [SEL-79-03]. Serviced engine with 8 Qts. Phillips 20W-50 X/C oil and new Tempest filter P/N AA48109. Blackstone oil sample taken for analysis.</li> <li>C/W TCM SB03-3 compression test: [MOR=43PSI] #1-74/80 #2-75/80 #3-75/80 #4-75/80 #5-73/80 #6-73/80 and cylinder borescope inspection - all visual indications appear normal.</li> <li>SEL 71-10 "Flanged cylinder nuts" - does not apply by engine Mfg date / no record of affected nuts installed.</li> <li>Installed 12 new Champion RHB32S spark plugs.</li> <li>Installed new TCM 10-500556-101 left magneto S/N: D21GA215 and new TCM 10-500556-101 right magneto S/N: D21HA341 with new drive bushings, gaskets, and magneto filter. Timed magnetos to 24 degrees BTC.</li> <li>C/W TCM SB10-1A turbo transition &amp; exhaust inspection - found serviceable - next due Tach= 1042.5.</li> <li>Sealed air gaps @ cylinder #3 baffling</li> <li>Checked ADs for compliance thru issue 2022-01.</li> <li>Ground ran engine-operation and leak check satisfactory: Fuel flow @ 38.1gal/hr. / MAP @ 35.5 / RPM @ 2550.</li> </ul> <p>I certify this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in an Airworthy condition and is approved for return to service.</p> <p>Kerby McCall      CRS#IC1R213K      Signature       W.O. #10489</p>	



# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			   <p>CHAUTAUQUA AIRCRAFT SALES, INC. 3163 Airport Dr, Jamestown, NY 14701 - Phone: (716) 664-7700 CRS# IC1R213K</p>	
			<p>Work Order#: 10539      Date: 03-22-2022      Aircraft: N246VB Engine Serial: 1031118      Tach: 993.5      SNEW: 993.5</p> <ul style="list-style-type: none"> <li>Changed engine oil and filter- inspected old filter – no metal noted. Serviced engine with 8 quarts. Phillips 20W-50 X/C oil and new Tempest filter P/N AA48109.</li> </ul> <p>I certify this Engine is approved for return to service for the work stated herein.</p>	
			<p>CRS#IC1R213K Jon Marino W.O. #10539</p> <p>Signature: </p>	

# MAINTENANCE RECORD






DATE	ENGINE MODEL: ENGINE S/N REG NO 246VB WORK ORDER: 12780	Lincoln Park Aviation Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450	DATE: 7/12/2021 A/C TSN: 801.9 ENG TT: 801.9 TSMOH: TACH: 801.9	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	Engine Entries			
	(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL			
	<p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p>			
DATE: 7/12/2021	SIGNED: 	CRS# LKPR101K	Work Order: 12780	
	Frank R Galella Certified Repair Station No. LKPR101K		Printed by EBis 3 (datcomedia.com)	
	Engine Entries			
	(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL			
	<p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p>			
DATE: 8/12/2022	SIGNED: 	CRS# LKPR101K	Work Order: 13088	
	Frank R Galella Certified Repair Station No. LKPR101K		Printed by EBis 3 (datcomedia.com)	



# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, ATE TYPE & NUMBER
	HOURS	10T		
			<p>ENGINE MODEL: ENGINE S/N: REG. NO. 246VB WORK ORDER: 12904</p> <p> <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 8 QTS OF 20W50 OIL.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 12/8/2021      SIGNED:  <b>Inspector #2</b> Frank R. Galella Certified Repair Station No. LKPR101K</p> <p>Work Order: 12904 Printed by EBis 3 (datcomedia.com)</p>	<p>DATE: 12/8/2021 A/C TSN: 920 ENG TT: 920 TSMOH: TACH: 920</p>

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p> <b>Beechcraft</b> BY TEXTRON AVIATION</p> <p> <b>CHAUTAUQUA AIRCRAFT SALES, INC.</b> 3163 Airport Dr, Jamestown, NY 14701 - Phone: (716) 664-7700 CRS# IC1R213K</p> <p> <b>Diamond</b>  <b>MOONEY</b></p> <p>Work Order#: 10556      Date: 04-29-2022      Aircraft: N246VB Engine Serial: 1031118      Tach: 1027.1      SNEW: 1027.1</p> <p>• Changed engine oil and filter- inspected old filter – no metal noted. Serviced engine with 8 quarts. Phillips 20W-50 X/C oil and new Tempest filter P/N AA48109.</p> <p>I certify this Engine is approved for return to service for the work stated herein.</p> <p>CRS#IC1R213K Jon Marino W.O. #10556</p> <p>Signature: </p>	



DATE 7  
HC

This engine was sent to Pinnacle Aircraft Engines for an Inspection and Repair. This engine has been disassembled, cleaned, inspected, reassembled, and tested in accordance with the manufacturer's instructions: Form #: M-18 Permold Series Engine Maintenance and Overhaul Manual Revision dated March 2020 and M-0 Standard Practice Maintenance Manual Revision dated June 2023. The following components were installed as replacements: All mandatory replacement items, Camshaft p/n 654084 s/n 520537-8, (6) Intake Lifters p/n SA628488, (6) Exhaust Lifters p/n SA646277, Oil PSI Plunger p/n 642336, (1) Idler Bushing p/n 630871, (1) Idler Bushing Dowel p/n 630873, and Transfer Collar p/n 629680M010. The following components were sent out for overhaul/repair and reinstalled: Crankshaft 649900 s/n N15FA115 (recertified by AC Spec {crs DD2R764K} on WO# 279755) and Oil Cooler p/n 654585 s/n G15-12463-296 (recertified by PAC Oil Coolers {crs RF3R813L} on WO# 156698). All applicable Service Bulletins and Airworthiness Directives have been complied with. See S.B. and A.D. lists supplied. With respect to the work performed, this engine is airworthy and approved for return to service.

W/O#: 23\_041

Date: 06/Sep/2023

Make/Model: Continental / TSIO-550-C

Serial Number: 1031118

Time in service: Engine Total Time: Not Supplied



20421 Bohemian Hall Road  
Silverhill, AL 36576

*[Signature]*  
Authorized Signature

8PCR980B  
Certificate Number

SIGNATURE,  
TYPE  
R

#### MAINTENANCE RECORD

DATE  
TOTAL  
IN SE  
HOURS

Removed Engine and sent to Pinnacle Aircraft Engines for repair.

Make/Model: Continental / TSIO-550-C

Serial Number: 1031118

Time in service: Engine TT: 1111.7

*[Signature]*  
Authorized Signature

3827717  
Certificate Number

SIGNATURE,  
TYPE  
NUMBER

Installed engine after repaired by Pinnacle Aircraft Engines. Serviced Engine with 8qts of Phillips 20-50. Installed new EGT prop PN:AF1163201. Ground ran engine not discrepancies noted.

Make/Model: Continental / TSIO-550-C

Serial Number: 1031118

Time in service: Engine TT: 1111.7

*[Signature]*  
Authorized Signature

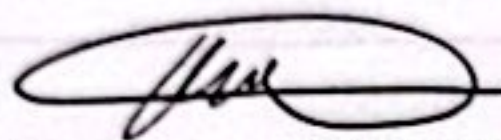
3827717  
Certificate Number



10/26/2023 N246VB S/N: T24002091 Tach: 1111.7  
 ACTT: 1111.7 ETT: 1111.7 PTT: 1111.7

Performed a 100 Hour Inspection IAW FAR Part 43, Appendix D. All ground checks were satisfactory.


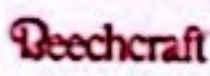



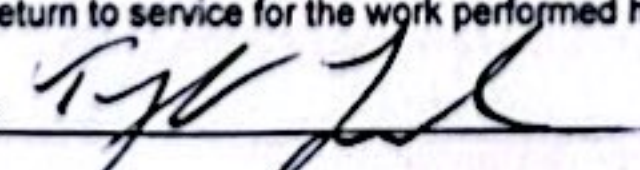
I certify that this engine has been inspected in accordance with a 100 Hour Inspection and is determined to be in an airworthy condition at this time.



Bryant Hamm A&P 3508729



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	MINUTES		
			<div style="display: flex; justify-content: space-around; align-items: center;"> <div>   <b>Cessna</b>  <small>BY TESTED AVIATION</small> </div> <div>   <b>Beechcraft</b> </div> <div>   <small>CHAUTAUQUA AIRCRAFT SALES, INC</small>  <small>3163 Airport Dr, Jamestown, NY 14701 - Phone: (716) 664-7700</small>  <small>CRS# IC1R213K</small> </div> <div>   <b>Diamond</b> </div> <div>   <b>MOONEY</b> </div> </div>	
			<p>Work Order#: 11128 Date: 12/02/2024 Aircraft: N246VB</p> <p>Engine Model / Serial #: TSIO-550-C/1031118 Tach: 1131.1 SMOH: 1131.1</p> <p>Complied with 100-hour inspection in accordance with 14 CFR 43 Appendix D using the Cessna LC41-550FG/T240 Maintenance Manual (Rev 7), and 05-20-00 (Rev 7) Annual Inspection checklist as a guide.</p> <ul style="list-style-type: none"> <li>• Drained oil and serviced engine with 8qts Phillips 20W-50 oil and CH48109-1 filter. Cut old filter, no metal noted. Blackstone oil sample taken.</li> <li>• Engine compressions are as follows: 1-78/80 2-74/80 3-73/80 4-74/80 5-73/80 6-70/80.</li> <li>• Verified magneto to engine external timing is set to 24° BTC.</li> <li>• Pressure tested exhaust system, adjusted #2 Cyl EGT probe and tightened clamp.</li> <li>• Installed new compression seals and drain hoses on RH side fuel plenum drain.</li> <li>• Tightened oil supply fitting adapter bolts and B nut on RH turbo.</li> <li>• Tightened oil supply T fitting on all sides 1/4 turn.</li> <li>• Installed new EGT probe at #6 Cyl position.</li> <li>• Checked ADs through 2024-23.</li> <li>• Ground ran engine operation and leak check satisfactory.</li> </ul> <p>I certify this Engine has been inspected in accordance with a 100hr Inspection and determined to be in an airworthy condition and is approved for return to service for the work performed herein.</p> <p>Tyler Lund            CRS # IC1R213K Signature             W.O. # 11128</p>	