

N256DB  
A36

9737/ Prop STRIKE



smoth: 885.9  
Eng TT: 2030.6  
A/C TT 3259.0

## ENGINE MAINTENANCE RECORDS

Aircraft Registration \_\_\_\_\_  
Engine Position \_\_\_\_\_  
Engine Serial No. 10860029

DATE

TOTAL  
TIME  
IN  
SERVICETOTAL  
TIME  
SINCE  
OVERHAULRECORDING  
METER  
TIME

SIGNATURE &amp; CERTIFICATE NO. 61-1

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
2/22/13	1144.7	0.0	



### CONTINENTAL IO-550-B Engine S/N 686029

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/ TCM M-16 Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. K dated 2-08-2010. Installed new RAM camshaft p/n 1058-1A, s/n XI11079 as direct PMA replacement of Continental camshaft. Installed lifters p/n 658088 int. p/n 658077 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of new VAR crankshaft p/n 649900 s/n N12AA076 per TCM CSB96-8. Ultrasonic inspection per MSB96-10A due at next overhaul or when crankshaft removed. AD 99-19-01 c/w and found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service TCM MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase p/n 646613-2, s/n Bulletin MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase p/n 646613-2, s/n OB724PL. Installed new ECI Titan Nickel cylinders. AD 88-17-03 is c/w per starter adapter p/n 642087A64 installed. Installed new oil cooler P/N 8000960, S/N 2083499. Engine accessories exchanged for overhauled or new units with exception of prop governor, tach generator, alternator and vacuum pump which were not installed per this work order. Installed new Hartzell ALV 9610 alternator (weight 12.75 lbs). This will require a weight and balance change. CSB 02-8 N/A per capacitor with red insulator installed. C/W TCM CSB 04-5A Capacitor replacement C/W at overhaul. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Installed RAM/FAA/PMA rocker arms p/n 1842-3 and 1842-4. Category 1 thru 3 TCM Service Bulletin with pointer. Installed RAM/FAA/PMA rocker arm cover p/n 2766-1. Installed RAM-FAA-PMA rocker arm cover gaskets p/n 1387-1. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-2. Engine ground run on test stand per RAM specifications for 4 hours.. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under Project No. 6649.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 10089



**Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 3/22/2013  
A/C TSN: 2373.1  
ENG TT: 0  
TSMOH:  
HOBBS: 2373.1

#### Engine Entries

(2) ANNUAL/ENGINE - INSTALL OVERHAULED ENGINE ON THIS AIRCRAFT. MODEL # TCM IO550-B, S/N 686029. RAM AIRCRAFT WO# 6649 COMPLETE ANNUAL ENGINE INSPECTION, ENGINE INSTALLED USING NEW ENGINE MOUNTS AND BOLTS, NEW HOSE KIT, NEW BAFFLE SEALS. CHECK COMPRESSION USING 80 PSI AS REFERENCE: #1) 75/80 #2 75/80 #3 75/80 #4 75/80 #5 75/80 #6 75/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.... (9) INSTALL NEW STANDBY ALTERNATOR PART # BC410-1, S/N 021709X... (10) REPAIR LEFT FRONT BAFFLE ASSY. REPAIR SEVERAL AREAS ON SIDE AND REAR BAFFLES.... (11) INSTALL NEW BAFFLE SEAL ON ALL ENGINE BAFFLE ASSYS.

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: 3/22/2013

SIGNED:

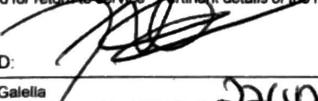
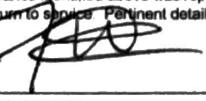
Frank R. Galella, IA: 2764795

Work Order: 10089

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**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page
<p>ENGINE MODEL TCM 10550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 10118</p> <p><b>Lincoln Park Aviation</b>  425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (2) COMPLETED OIL AND FILTER CHANGE. INSPECTED OIL FILTER AND FOUND NO CONTAMINATION ADDED 12 QTS OF MINERAL 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: 4/25/2013      SIGNED:  Frank R Galella, IA. 2764795</p>				<p>DATE 4/25/2013 A/C TSN: 2373.1 ENG TT 0 TSMOH: HOBBS: 2373.1</p> <p>Work Order: 10118 Printed by EBis 3 (datcomedia.com)</p>
<p>ENGINE MODEL TCM 10550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 10149</p> <p><b>Lincoln Park Aviation</b>  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 12 QTS OF 15W50 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: 5/21/2013      SIGNED:  Frank R Galella, IA. 2764795</p>				<p>DATE 5/21/2013 A/C TSN: 2402.7 ENG TT 29.6 TSMOH: HOBBS: 2402.7</p> <p>Work Order: 10149 Printed by EBis 3 (datcomedia.com)</p>
<p>ENGINE MODEL TCM 10550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER 10369</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> (4) COMPLETED OIL AND FILTER CHANGE. INSPECTED OIL FILTER AND FOUND NO CONTAMINATION ADDED 12 QTS OF 15W50 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: 11/22/2013      SIGNED:  Frank R Galella Certified Repair Station No. LKPR101K</p>				<p>DATE 11/22/2013 A/C TSN: ENG TT: 44.5 TSMOH: HOBBS: 2438.5</p> <p>Work Order: 10369 Printed by EBis 3 (datcomedia.com)</p>
<p>ENGINE MODEL TCM 10550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 10470</p> <p><b>Lincoln Park Aviation</b>  425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS. NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE #1) 75/80 #2 77/80 #3 78/80 #4 71/80 #5 72/80 #6 74/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.</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: 4/2/2014      SIGNED:  Frank R Galella, IA. 2764795</p>				<p>DATE 4/2/2014 A/C TSN: 2462.4 ENG TT: 2462.4 TSMOH: 89.3 HOBBS: 2462.4</p> <p>Work Order: 10470 Printed by EBis 3 (datcomedia.com)</p>
				<p><b>TOTALS</b> — Carry forward to next page</p>

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME

7280 L

DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

ENGINE MODEL: TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER 10656



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE 9/12/2014  
A/C TSN 2500 5  
ENG TT 2500 5  
TSMOH 127 4  
HOBBS 2500 5

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION ADDED 12 QTS OF 15W50 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 9/12/2014

SIGNED:

Frank R. Galella, IA. 2764795

Work Order: 10656

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ENGINE MODEL TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER 10759



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE: 12/15/2014  
A/C TSN 2570 9  
ENG TT 2570 9  
TSMOH 157 8  
HOBBS 2570 9

2527  
1520  
2527

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION ADDED 12 QTS OF 15W50 OIL. (2)  
FILLED TKS FLUID

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: 12/15/2014

SIGNED:

Frank R. Galella, IA. 2764795

Work Order: 10759

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ENGINE MODEL: TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER 10796



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE: 1/26/2015  
A/C TSN 2531 5  
ENG TT 2531.5  
TSMOH 158 4  
HOBBS 2531.5

**Engine Entries**

(1) REMOVED AND REPLACED OIL DRAIN VALVE WITH NEW CLEANED ENGINE COMPARTMENT AND AC SIDES.

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: 1/26/2015

SIGNED:

Frank R. Galella, IA. 2764795

Work Order: 10796

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ENGINE MODEL TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER: 10858



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE 4/13/2015  
A/C TSN 2546 4  
ENG TT 2546 4  
TSMOH: 173 3  
HOBBS 2546 4

**Engine Entries**

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND CLEANED AND  
GAPPED SPARK PLUGS CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1 76/80 #2 72/80 #3 78/80 #4 72/80 #5 75/80 #6 71/80.  
ADJUST IDLE SPEED AND MIXTURE AS REQUIRED. (17)

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: 4/13/2015

SIGNED:

Frank R. Galella, IA. 2764795

Work Order: 10858

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**TOTALS—Carry forward to next page**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>ENGINE MODEL: TCM 10550-B ENGINE S/N: 686029 REG NO: 256DB WORK ORDER: 11016</p> <p></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 9/30/2015 A/C TSN: 2588.5 ENG TT: 2588.5 TSMOH: 215.4 HOBBS: 2588.5</p> <p><i>l</i></p>
<p><b>Engine Entries</b></p> <p>(2) 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) 78/80 #2) 75/80 #3) 77/80 #4) 75/80 #5) 75/80 #6) 76/80. (3) RESET LEFT MAGNETO TO 22 BTCD AS REQUIRED.</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><i>J</i></p> <p><b>Inspector #2</b></p>
DATE: 9/30/2015	SIGNED:		<p>Work Order: 11016</p> <p>CRS# LKPR101K Printed by EBis 3 (datcomedia.com)</p> <p>Frank R Galella Certified Repair Station No. LKPR101K</p>	
<p>ENGINE MODEL: TCM 10550-B ENGINE S/N: 686029 REG NO: 256DB WORK ORDER: 11113</p> <p></p> <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>				<p>DATE: 12/21/2015 A/C TSN: 2629.8 ENG TT: 2629.8 TSMOH: 256.7 HOBBS: 2629.8</p>
<p><b>Engine Entries</b></p> <p>(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 15W50 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><i>J</i></p> <p><b>INSPECTOR #2</b></p>
DATE: 12/21/2015	SIGNED:		<p>Work Order: 11113</p> <p>FRQ III Printed by EBis 3 (datcomedia.com)</p> <p>Frank R Galella, IA. 2764795</p>	
<p>ENGINE MODEL: TCM 10550-B ENGINE S/N: 686029 REG. NO. 256DB WORK ORDER: 11167</p> <p></p> <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>				<p>DATE: 3/7/2016 A/C TSN: 2661.3 ENG TT: 2661.3 TSMOH: HOBBS: 2661.3</p>
<p><b>Engine Entries</b></p> <p>(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 11 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><i>J</i></p> <p><b>Inspector #2</b></p>
DATE: 3/7/2016	SIGNED:		<p>Work Order: 11167</p> <p>CRS# LKPR101K Printed by EBis 3 (datcomedia.com)</p> <p>Frank R Galella, IA/2764795</p>	
<p>ENGINE MODEL: TCM 10550-B ENGINE S/N: 686029 REG NO: 256DB WORK ORDER: 11469</p> <p></p> <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>				<p>DATE: 1/23/2017 A/C TSN: 2765.4 ENG TT: 2765.4 TSMOH: 392.3 HOBBS: 2765.4</p>
<p><b>Engine Entries</b></p> <p>(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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><i>J</i></p>
DATE: 1/23/2017	SIGNED:		<p>Work Order: 11469</p> <p>1A#2764795 Printed by EBis 3 (datcomedia.com)</p> <p>Frank R Galella, IA. 2764795</p>	
<p><i>Sub Total</i> _____</p> <p><b>TOTALS</b>—Carry forward to next page</p>				

Page No. \_\_\_\_\_

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11214



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 4/27/2016  
A/C TSN: 2668 6  
ENG TT: 2668 6  
TSMOH: 295 5  
HOBBS: 2668 6

#### Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS. CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 72/80 #2 74/80 #3 75/80 #4 73/80 #5 75/80 #6 72/80. CHECKED FUEL SYSTEM. DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED... (8) COMPLETED WITH AD 84-26-02. INSTALL NEW INDUCTION AIR FILTER, P/N: 35-380035-7... (12) REMOVED AND REPLACED NICRORAFT LEFT EXHAUST STACK ASSY WITH NEW, P/N: BES80003... (13) REMOVED AND REPLACED AIR CONDITIONING COMPRESSOR MOUNT FITTING ASSY WITH NEW, P/N: 640767. INSTALLED NEW COMPRESSOR BELT WITH NEW, P/N: 657970... (14) REPAIRED TOP RIGHT BAFFLE ASSY AS NEEDED

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: 4/27/2016

SIGNED:

IA#2764795

Work Order: 11214

Frank R. Galella, IA. 2764795

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ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11303



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 8/8/2016  
A/C TSN: 2703 4  
ENG TT: 2703.4  
TSMOH: 330.3  
HOBBS: 2703.4

#### 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: 8/8/2016

SIGNED:

Work Order: 11303

Frank R. Galella, IA. 2764795

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ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11389



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 10/27/2016  
A/C TSN: 2736 7  
ENG TT: 2736.7  
TSMOH: 363.6  
HOBBS: 2736.7

#### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 10/27/2016

SIGNED:

Work Order: 11389

Frank R. Galella, IA. 2764795

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ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11526



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 4/3/2017  
A/C TSN: 2782 2  
ENG TT: 2782.2  
TSMOH: 409 1  
HOBBS: 2782.2

#### Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS. CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 78/80 #2 78/80 #3 78/80 #4 78/80 #5 79/80 #6 79/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED... (13) REMOVE AUX FUEL PUMP AND SEND FOR OVERHAUL AT QAA. REINSTALL FUEL PUMP P/N: 4613-00-5, S/N: 0513. OPERATIONAL CHECK OK.

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: 4/3/2017

SIGNED:

Inspector #2

Work Order: 11526

Frank R. Galella, IA. 2764795

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CRS#1 KPR1n1r

Page No. \_\_\_\_\_

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11616



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 7/3/2017  
A/C TSN: 2815.1  
ENG TT: 2815.1  
TSMOH: 442  
HOBBS: 2815.1

#### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 11 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: 7/3/2017

SIGNED:

Frank R. Galella, IA-2764795

IA#2764795

Work Order: 11616

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ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11702



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/25/2017  
A/C TSN: 2852.6  
ENG TT: 2852.6  
TSMOH: 479.5  
HOBBS: 2852.6

#### Engine Entries

(2) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 9/25/2017

SIGNED:

Frank R. Galella, IA-2764795

IA#2764795

Work Order: 11702

Printed by EBis 3 (datcomedia.com)

**9/14/17****N256DB Logbook entry: Bonanza A36****1 of 1**

Removed battery and battery box for starter replacement. Serviced battery with distilled water. Reinstalled battery and battery box.

Hobbs 2923.7

William H. Milton A&P 67380004, SO# 1602  
c/o The 195 Factory, LLC  
160 County Highway 153, Johnstown, NY 518-882-6392


**9/14/17****Continental IO-550-B s/n 686029****N256DB****Logbook entry: Bonanza A36****1 of 1**

Removed starter motor due to inoperative p/n MHJ-4003SR. Installed overhauled starter p/n MHJ-4003R s/n H-R031370 overhauled by Hartzell Engine Technologies, see Form 8130 dtd 3/15/17.

Hobbs 2923.7

William H. Milton A&P 67380004, SO# 1602  
c/o The 195 Factory, LLC  
160 County Highway 153, Johnstown, NY 518-882-6392



ENGINE MODEL: TCM  
10550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 11798



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 1/3/2018  
A/C TSN: 2882.1  
ENG TT: 2882.1  
TSMOH: 509  
HOBBS: 2882.1

#### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 1/3/2018

SIGNED:

Frank R. Galella, IA-2764795

IA#2764795

Work Order: 11798

Printed by EBis 3 (datcomedia.com)

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

ENGINE MODEL TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER. 11616



**Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE 7/3/2017  
A/C TSN 2815.1  
ENG TT 2815.1  
TSMOH 442  
HOBBS 2815.1

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 11 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: 7/3/2017

SIGNED:

IA#2764795

Work Order: 11616

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER. 11702



**Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/25/2017  
A/C TSN 2852.6  
ENG TT 2852.6  
TSMOH 479.5  
HOBBS 2852.6

**Engine Entries**

(2) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 9/25/2017

SIGNED:

IA#2764795

Work Order: 11702

Printed by EBis 3 (datcomedia.com)

**9/14/17 N256DB Logbook entry: Bonanza A36 1 of 1**

Removed battery and battery box for starter replacement. Serviced battery with distilled water. Reinstalled battery and battery box.

Hobbs 2923.7

William H. Milton A&P 67380004, SO# 1602  
c/o The 195 Factory, LLC  
160 County Highway 153, Johnstown, NY 518-882-6392



*Will H. Milton*

**9/14/17 Continental IO-550-B s/n 686029 N256DB Logbook entry: Bonanza A36 1 of 1**

Removed starter motor due to inoperative p/n MHJ-4003SR. Installed overhauled starter p/n MHJ-4003R s/n H-R031370 overhauled by Hartzell Engine Technologies, see Form 8130 dtd 3/15/17.

Hobbs 2923.7

William H. Milton A&P 67380004, SO# 1602  
c/o The 195 Factory, LLC  
160 County Highway 153, Johnstown, NY 518-882-6392



*Will H. Milton*

ENGINE MODEL TCM  
10550-B  
ENGINE S/N 686029  
REG NO 256DB  
WORK ORDER 11798



**Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

L DATE: 1/3/2018  
A/C TSN 2882.1  
ENG TT 2882.1  
TSMOH 509  
HOBBS 2882.1

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION ADDED 12 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: 1/3/2018

SIGNED:

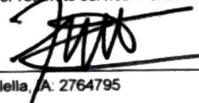
IA#2764795

Work Order: 11798

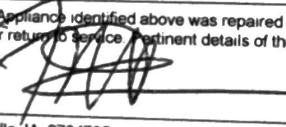
Printed by EBis 3 (datcomedia.com)

Page No.

DATE	TOTAL TIME	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ENGINE MODEL IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 11880	425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450	Lincoln Park Aviation	DATE 4/16/2018 A/C TSN 2915 ENG TT 2915 TSMOH 541.9 HOBBS 2915
<b>Engine Entries</b> (2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE #1 71/80 #2 72/80 #3 76/80 #4 74/80 #5 75/80 #674/80 CHECKED FUEL SYSTEM, DRAINED SUMPS CHECKED MAGS AND TIMING CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED ... (10) ADJUST MAGNETO TO ENGINE TIMING. TEST RUN OK ... (12) REMOVED AND REPLACED FUEL RETURN LINE SUPPORT CLAMP WITH NEW, PIN: MS21919WDG5.			
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: 4/16/2018	SIGNED: 	Work Order: 11880	IA#2764795 Printed by EBis 3 (datcomedia.com)
Frank R. Galella, IA #2764795			
ENGINE MODEL IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 11960	425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450	Lincoln Park Aviation	DATE 7/23/2018 A/C TSN 2950.2 ENG TT 2950.2 TSMOH 577.1 HOBBS 2950.2
<b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 7/23/2018	SIGNED: 	Work Order: 11960	IA#2764795 Printed by EBis 3 (datcomedia.com)
Frank R. Galella, IA #2764795	CRS# LKPR101K		
ENGINE MODEL IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER 12013	425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450	Lincoln Park Aviation	DATE: 10/3/2018 A/C TSN 2982.5 ENG TT 2982.5 TSMOH 609.4 HOBBS 2982.5
<b>Engine Entries</b> (3) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 10/3/2018	SIGNED: 	Work Order: 12013	IA#2764795 Printed by EBis 3 (datcomedia.com)
Frank R. Galella, Certified Repair Station No. LKPR101K	CRS# LKPR101K		
ENGINE MODEL IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER: 12136	425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450	Lincoln Park Aviation	DATE 3/11/2019 A/C TSN 3033.7 ENG TT 3033.7 TSMOH 660.6 HOBBS 3033.7
<b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 3/11/2019	SIGNED: 	Work Order: 12136	IA#2764795 Printed by EBis 3 (datcomedia.com)
Frank R. Galella, Certified Repair Station No. LKPR101K	CRS# LKPR101K		
TOTALS—Carry forward to next page			

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ENGINE MODEL: IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER 12186	 <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>			DATE 5/13/2019 A/C TSN 3056 5 ENG TT 3056 5 TSMOH 683.4 HOBBS. 3056.5
<b>Engine Entries</b>				(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1 62/80 #2 72/80 #3 75/80 #4 72/80 #4 74/80 #6 75/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.
<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: 5/13/2019      SIGNED: </p>				<p>Work Order: 12186</p> <p>IA#2764795      Printed by EBis 3 (datcomedia.com)</p>
ENGINE MODEL: IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER 12264	 <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>			DATE 8/19/2019 A/C TSN 3088 2 ENG TT 3088 2 TSMOH 715.1 HOBBS 3088 2
<b>Engine Entries</b>				(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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> <p>DATE: 8/19/2019      SIGNED: </p>				<p>Work Order: 12264</p> <p>IA#2764795      Printed by EBis 3 (datcomedia.com)</p>
ENGINE MODEL: IO-550-B ENGINE S/N 686029 REG NO 256DB WORK ORDER 12331	 <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>			DATE 11/20/2019 A/C TSN 3115 3 ENG TT 3115 3 TSMOH 742 2 TACH 3115 3
<b>Engine Entries</b>				(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL. (2) REMOVED AND REPLACED LANDING GEAR MOTOR WITH OVERHAULED, P/N: 58-380090-1, S/N: 12436, I/A/W MM. OPS CHECK OK. (3) CLEANED #1 FUEL INJECTOR CYLINDER I/A/W MM. OPS CHECK OK.
<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: 11/20/2019      SIGNED: </p>				<p>Work Order: 12331</p> <p>IA#2764795      Printed by EBis 3 (datcomedia.com)</p>
 <p><b>RELIABLE JET MAINTENANCE, LLC.</b> 3900 AIRPORT RD. HANGAR 1, BOCA RATON, FL 33431</p>				561-417-3834
Date: Work Order:	December 27, 2018 19-19295	Registration: Aircraft S/N:	N256DB E-3081	
<b>AIRFRAME LOG ENTRY</b>				
<p>Performed the following Maintenance:</p> <ol style="list-style-type: none"> <li>1. Drained oil and serviced with (12) qt of Exxon Elite 20W50 oil. Ref. Beechcraft Bonanza MM chapter 12-10-00.</li> <li>2. Removed oil filter and installed new filter {P/N: CH48108-1}. Ref. Beechcraft Bonanza MM chapter 12-10-00.</li> </ol> <p>The airframe described in Work Order# 19-19295 is certified airworthy and approved for return to service for work performed in accordance with current Federal Aviation Regulations.</p> <p>Steve Betts For Reliable Jet Maintenance, LLC. CRSE CPR025G Created By: CH</p>				

Page No. \_\_\_\_\_

DATE	TOTAL TIME IN AIRCRAFT	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
ENGINE MODEL IO-550-B ENGINE SN 686029 REG NO 256DB WORK ORDER 12435	<p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450</p> <p></p> <p><b>Engine Entries</b> (2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS. CHECK COMPRESSION USING 80 PSI AS REFERENCE #1 66/80 #2 72/80 #3 78/80 #4 66/80 #5 76/80 #6 77/80. CHECKED FUEL SYSTEM. DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED. (6) COMPLIED WITH AD 84-26-02. TO PREVENT POSSIBLE ENGINE POWER LOSS. INSTALLED NEW AIR FILTER P/N P137627. NEXT DUE 3596 6 HOBBS. (7) RESET MAGNETO TIMING TO 22 DEGREES. REMOVED AND REPLACED RIGHT MAGNETO GASKET WITH NEW, P/N 649954.</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: 4/27/2020      SIGNED:  Frank R. Galella, IA. 2764795</p> <p>Work Order: 12435 Printed by EBis 3 (datcomedia.com)</p>				
ENGINE MODEL IO-550-B ENGINE SN 686029 REG NO 256DB WORK ORDER 12546	<p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone 973-633-0450</p> <p></p> <p><b>Engine Entries</b> (1) COMPLETED OIL AND FILTER CHANGE. INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 8/31/2020      SIGNED:  Frank R. Galella, IA. 2764795</p> <p>CRS# LKPR101K Work Order: 12546 Printed by EBis 3 (datcomedia.com)</p>				

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

N256DB BONANZA A36 SN: E-3081  
CONT IO-550-B SN: 686029

## ENGINE LOG BOOK ENTRY

29 JUNE 2020



HOBBS: 3205.2

INSTALLED "WHIRLWIND III" TURBO NORMALIZER SYSTEM. INSTALLATION IS COVERED AND APPROVED UNDER ENGINE TECHNOLOGY INC. STC SA5223NM AND STC SE5222NM. THE INSTALLATION WAS COMPLETED USING TORNADO ALLEY TURBO INSTALLATION INSTRUCTIONS ETI-B-01 REV N 7/11/2017 MASTER DRAWING LIST TAT-B-MDL REV S 01/13/2015 AND HAWKER BEECHCRAFT MAINTENANCE MANUALS. REFER TO TORNADO ALLEY TURBO AIRPLANE FLIGHT MANUAL SUPPLEMENT-550 FOR OPERATION AND CONTINUED AIRWORTHINESS.

INSTALLED O/H FUEL PUMP 35-6550001 S/N GP2133B

INSTALLED PRV VALVE 470930-9004 S/N H-XBN00005

INSTALLED WASTEGATE 470908-0011 S/N H-XBN00004

INSTALLED O/H STARTER ADAPTER 642087A70 S/N 213221

INSTALLED TURBOCHARGER 406610-0029 S/N H-XBL00073

INSTALLED O/H FF IND 6511/F.337 FT-B8.5.1-217 S/N 964AM

INSTALLED O/H MP CONTROLLER 470688-0010 S/N KCN01085

INSTALLED O/H FUEL CONTROLLER FT-B8.5/1-442 S/N E079715A

INSTALLED 12 FINE WIRE SPARK PLUGS

REPLACED AC COMPRESSOR HEAD P/N CH2002C

SERVICED ENGINE WITH 12 QTS A/S 15W50 AND TEMPEST AA48109 FILTER

INSTALLED NEW EXHAUST MANIFOLDS, WASTEGATE MANIFOLD, AND TAIL PIPE.

INSTALLED ALL NEW EXHAUST PORT BASE GASKETS, FLANGE NUTS, TURBOCHARGER GASKET, EXHAUST 4 BOLT FLANGE GASKETS, WASTEGATE GASKETS, WASTEGATE MOUNTING BOLTS, WASHERS, AND NUTS.

INSTALLED T J RBOGAMJECTORS KIT GT16B S/N 28880 IAW SE5222NM AND SE09289SC

RUN-UP, O/P'S, TEST FLIGHT AND LEAK CHECK OK. APPROVED FOR RETURN TO SERVICE.

ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS

WESLEY JENKINS A&amp;P 3041696 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12571



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/28/2020  
A/C TSN 3239 8  
ENG TT 3239 8  
866, 7 TSMOH  
TACH. 3239 8

1ED—  
FORMING WORK

### Engine Entries

(1) TROUBLE SHOOT AIR CONDITIONING SYSTEM. REPAIR BROKEN POWER WIRE AS NEEDED. OPS CHECK OK.

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: 9/28/2020

SIGNED:

Frank R. Galella, Inc. 2764795

*[Signature]* IA#2764795

Work Order: 12571

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ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12609



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

DATE: 11/9/2020  
A/C TSN 3256 8  
ENG TT 3256 8  
883, 7 TSMOH  
TACH. 3256 8

### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 11/9/2020

SIGNED:

Frank R. Galella  
Certified Repair Station No. LKPR101K

*[Signature]* IA#2764795

Work Order: 12609

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1/4/2021

REMOVE ENGINE FOR SSI.

3259.0

*[Signature]* Frank R. Galella  
Lincoln Park Aviation.

885.9 TSMOH

3/13

**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page

Page No. _____				DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	TOTALS brought forward from previous page	

**DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**

**TOTALS** brought forward from previous page



RAM Aircraft, Limited Partnership • Waco Regional Airport

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
3/15/2021	2030.6	885.9	3259.0

CONTINENTAL IO-550-B Engine S/N 686029

The above referenced engine was disassembled due to a prop strike. The engine was cleaned, inspected and reassembled to service limits per CMI Standard Practice Maintenance Manual M-0 and CMI Overhaul Manual M-16 and M-0 Chapter 6-5.1 prop strike inspection. Reused crankcase, crankshaft, main and rod bearings. Installed new camshaft S/N XF15085 and new lifters p/n SA628488 (int.) p/n SA646277 (exh.). C/W MSB96-10B ultrasonic inspection. Rods balanced to RAM specifications and new bolts and nuts installed in rods. Serviceable gears inspected per RAM Spec. 1818, Rev. P. Replaced alternator drive gear P/N 632018-1 and large crankshaft gear P/N 632893 with cylinders. Disassembled, cleaned and inspected cylinders. Leaked checked valves. Lapped valves in # 2 and #4 serviceable. Installed overhauled alternator coupling S/N QAA072214. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump, prop governor, alternator and tach generator which were not installed per this work order. Installed overhauled Bendix magnetos right p/n 10-349350-5, left p/n 10-349350-4, right s/n F16GA202, left s/n A272077. Cleaned and flushed oil cooler, starter adapter and oil pump. Serviced engine with Aeroshell 100 oil. Run in test cell for 1 hour. Engine is approved for return to service for work performed. Engine preserved per CMI M-0 Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 9737.

Stephan Wago

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

DA

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12722



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 4/22/2021  
A/C TSN: 3259  
ENG TT: 785.9  
TSMOH: 885.9  
TACH: 3259

G WORK

**Engine Entries**

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 74/80 #2 73/80 #3 72/80 #4 76/80 #5 72/80 #6 74/80. CHECKED FUEL SYSTEM, DRAINED SUMP'S, CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED. (12) ENGINE REMOVED FOR SUDDEN STOP INSPECTION BY RAM AIRCRAFT UNDER PROJECT #9737. ENGINE REINSTALLED, RUN UP, LEAK CHECK AND FLIGHT TESTED FOR 10 HOURS.

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: 4/22/2021

SIGNED:

IA#2764795

Work Order: 12722

Frank R Galella, IA: 2764795

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ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12761



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

DATE: 6/21/2021  
A/C TSN: 3287.3  
ENG TT: 295.6  
TSMOH: 914.2  
TACH: 3287.3

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 6/21/2021

SIGNED:

IA#2764795

Work Order: 12761

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12832



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/10/2021  
A/C TSN: 3322.8  
ENG TT: 656.6  
TSMOH: 949.7  
TACH: 3322.8

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL, COMPLIED WITH CSB 07-01A BY STRAINING OIL THROUGH 1000 MICRON FILTER. NO CONTAMINATION NOTED.... (2) REMOVED CABIN INTERIOR, REPLACED ELECTRIC BOOST PUMP WITH NEW, P/N: 4613-00-5NVCJ-TAT, S/N: 70021. BLEED FUEL SYSTEM AND OPERATIONAL CHECK OF PUMP OK.

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: 9/10/2021

SIGNED:

Work Order: 12832

Frank R Galella, IA: 2764795

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 12901



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/6/2021  
A/C TSN: 3350.9  
ENG TT: 944.0  
TSMOH: 977.8  
TACH: 3350.9

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL.... (2) COMPLIED WITH CSB-07-01A, BY STRAINING OIL THROUGH 1000 MICRON SCREEN. FOUND NO EVIDENCE OF PISTON PIN BUSHING MATERIAL.

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: 12/6/2021

SIGNED:

Work Order: 12901

Frank R Galella, IA: 2764795

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DA

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 12722



## Lincoln Park Aviation

425 Beaverbrook Road  
Lincoln Park, NJ 07036  
Phone: 973-633-0450

DATE: 4/22/2021  
A/C TSN: 3259  
ENG TT: 885.9  
TSMOH: 885.9  
TACH: 3259

G WORK

## Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 7/4/80 #2 7/3/80 #3 7/2/80 #4 76/80 #5 72/80 #6 74/80. CHECKED FUEL SYSTEM, DRAINED BUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED. (12) ENGINE REMOVED FOR RUDDER STOP INSPECTION BY RAM AIRCRAFT UNDER PROJECT #9737. ENGINE REINSTALLED, RUN UP, LEAK CHECK AND FLIGHT TESTED FOR 1.0 HOURS.

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: 4/22/2021

SIGNED:

IA#2764795

Work Order: 12722

Frank R Galella, IA 2764795

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 12761



## Lincoln Park Aviation

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

DATE: 6/21/2021  
A/C TSN: 3287.3  
ENG TT: 20.6  
TSMOH: 914.2  
TACH: 3287.3

## Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 6/21/2021

SIGNED:

IA#2764795

Work Order: 12761

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 12832



## Lincoln Park Aviation

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/10/2021  
A/C TSN: 3322.8  
ENG TT: 65.6  
TSMOH: 949.7  
TACH: 3322.8

## Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL, COMPLIED WITH CSB 07-01A BY STRAINING OIL THROUGH 1000 MICRON FILTER. NO CONTAMINATION NOTED. (2) REMOVED CABIN INTERIOR, REPLACED ELECTRIC BOOST PUMP WITH NEW, P/N: 4613-00-5NCJ-TAT, S/N: 70021. BLEED FUEL SYSTEM AND OPERATIONAL CHECK OF PUMP OK.

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: 9/10/2021

SIGNED:

Work Order: 12832

Frank R Galella, IA: 2764795

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ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 12901



## Lincoln Park Aviation

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/6/2021  
A/C TSN: 3350.9  
ENG TT: 91.6  
TSMOH: 977.8  
TACH: 3350.9

## Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL. (2) COMPLIED WITH CSB-07-01A, BY STRAINING OIL THROUGH 1000 MICRON SCREEN. FOUND NO EVIDENCE OF PISTON PIN BUSHING MATERIAL.

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: 12/6/2021

SIGNED:

Work Order: 12901

Frank R Galella, IA: 2764795

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ENGINE MODEL IO-550-B  
ENGINE SN 686029  
REG NO 2560B  
WORK ORDER 12954



Lincoln Park Aviation  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE 2/7/2022  
A/C TSN 3390 8  
ENG TT 5078  
TSMOH 1017 7  
TACH 3390 8

ING WORK

D/

## Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE. INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL.... (2) COMPLETED WITH CSB07-01A. BY STRAINING OIL THROUGH 1000 MICRON SCREEN. FOUND NO EVIDENCE OF PISTON PIN BUSHING MATERIAL.

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: 2/7/2022

SIGNED

Frank R Galella, IA. 2764795

Work Order: 12954

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ENGINE MODEL IO-550-B  
ENGINE SN 686029  
REG NO 2560B  
WORK ORDER 13029



Lincoln Park Aviation  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone 973-633-0450

DATE 5/19/2022  
A/C TSN 3422.2  
ENG TT 463.2  
TSMOH 1049 1  
TACH 3422.2

## Engine Entries

(2) 100H/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 43/80 #2 70/80 #3 75/80 #4 72/80 #5 75/80 #6 72/80 CHECKED FUEL SYSTEM, DRAINED SUMPS, CHECKED MAGS AND TIMING, CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.... (9) REMOVED AND REPLACED MAIN AIRCRAFT ALTERNATOR WITH NEW P/N ALV-9610. OPS CHECK OK.... (16) INSTALLED REBUILT #1 CYLINDER EXHAUST RISER ASSY. (18) ADJUSTED MAGNETO TO ENGINE TIMING TO MFG SPECS. TEST RUN OK.... (21) REMOVED AND REPLACED #5 CHT PROBE WITH NEW. P/N 10-01170. OPS CHECK OK.

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: 5/19/2022

SIGNED

Frank R Galella, IA. 2764795

Work Order: 13029

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TACH = 3481.2

Engine Removed from Aircraft  
and Sent to RAM for  
SST & Overhaul.

~~Frank~~ 2764795

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Page No.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				TOTALS brought forward from previous page	



BAM Aircraft, Limited Partnership • Waco Regional Airport

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
9-30-2022	2212.8	1068.1	3441.2

CONTINENTAL IO-550- B Engine S/N 686029

The above referenced engine was disassembled due to a prop strike. The engine was cleaned, inspected and reassembled to service limits per CMI Standard Practice Maintenance Manual M-0 and CMI Overhaul Manual M-16 and M-0 Chapter 6-5.1 prop strike inspection. Reused crankshaft, camshaft, lifters and rod bearings. Installed MSB96-10B ultrasonic inspection. Rods balanced to RAM specifications and new bolts and nuts installed in rods. Disassembled, cleaned and inspected cylinders. Leaked checked valves. Lapped valves in # 1 cylinder. See tags for details. Reinstalled cylinder assemblies. AD 2016-16-12 N/A per ECI cylinder S/N. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump, prop governor and alternator which were not installed per this work order. Installed overhauled Bendix magnetos right p/n IO-349350-5, left p/n IO-349350-4, right s/n F16AA060R, left s/n F02HA385R. Rapco Vacuum pumps need to be replaced per Rapco Service Letter RASL-003 if installed. Cleaned and flushed oil cooler, lifters, starter adapter and oil pump. Prop governor needs to be replaced or overhauled if Woodward is installed per SB33574B and per SB 215C if a McCauley is installed. Serviced engine with Aeroshell 100 oil. Run in test cell for 1 hour. Engine is approved for return to service for work performed. Engine preserved per CMI M-0 Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 10356.

Stephen Wode

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 13176



## **Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/12/2022  
A/C TSN 3444.6  
ENG TT: 185.6  
TSMOH: 1071.5  
TACH: 3444.6

## Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE. INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL.... (2)  
COMPLIED WITH C5B07-01A. BY STRAINING OIL THROUGH 1000 MICRON SCREEN FOUND NO EVIDENCE OF PISTON PIN BUSHING  
MATERIAL.

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

DATE: 12/12/2022

**SIGNED:**

Frank R Galella, IA 2764795

Work Order: 13176

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page



RAM Aircraft, Limited Partnership • Waco Regional Airport

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
9-30-2022	2212.8	1068.1	3441.2

### CONTINENTAL IO-550- B Engine S/N 686029

The above referenced engine was disassembled due to a prop strike. The engine was cleaned, inspected and reassembled to service limits per CMI Standard Practice Maintenance Manual M-0 and CMI Overhaul Manual M-16 and M-0 Chapter 6-5.1 prop strike inspection. Reused crankshaft, camshaft, lifters and rod bearings. Installed overhauled crankcase S/N C159507R and new main bearings. Replaced # 5 (int.) lifter with new P/N 628488. C/W MSB96-10B ultrasonic inspection. Rods balanced to RAM specifications and new bolts and nuts installed in rods. Disassembled, cleaned and inspected cylinders. Leaked checked valves. Lapped valves in # 1 cylinder. See tags for details. Reinstalled cylinder assemblies. AD 2016-16-12 N/A per ECI cylinder S/N. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump, prop governor and alternator which were not installed per this work order. Installed overhauled Bendix magnetos right p/n IO-349350-5, left p/n IO-349350-4, right s/n F16AA060R, left s/n F02HA385R. Rapco Vacuum pumps need to be replaced per Rapco Service Letter RASL-003 if installed. Cleaned and flushed oil cooler, lifters, starter adapter and oil pump. Prop governor needs to be replaced or overhauled if Woodward is installed per SB33574B and per SB 215C if a McCauley is installed. Serviced engine with Aeroshell 100 oil. Run in test cell for 1 hour. Engine is approved for return to service for work performed. Engine preserved per CMI M-0 Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 10356.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 13176



Lincoln Park Aviation

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/12/2022  
A/C TSN: 3444.6  
ENG TT: 185.6  
TSMOH: 1071.5  
TACH: 3444.6

**Engine Entries**

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 QTS OF 20W50 OIL.... (2) COMPLIED WITH CSB07-01A, BY STRAINING OIL THROUGH 1000 MICRON SCREEN. FOUND NO EVIDENCE OF PISTON PIN BUSHING MATERIAL.

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: 12/12/2022

SIGNED:

Frank R. Galella, IA #2764795

Work Order: 13176

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**SUB-TOTALS** this page**TOTALS**—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 13318



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 8/7/2023  
A/C TSN: 3540.3  
ENG TT: 1167.2  
TSMOH: 1167.2  
TACH: 3540.3

#### Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE #1) 74/80 #2 76/80 #3 78/80 #4 78/80 #5 78/80 #6 74/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.... (8) REPLACE FUEL FLOW SENSOR WITH NEW, P/N: 503380-000. (OWNER SUPPLIED) OPS CHECK OK.

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: 8/7/2023

SIGNED:

Frank R Galella, IA: 2764795

Work Order: 13318

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG. NO: 256DB  
WORK ORDER: 13321



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 8/23/2023  
A/C TSN: 3553.3  
ENG TT: 13  
TSMOH: 1180.2  
TACH: 3553.3

#### Engine Entries

(4) REMOVED AND REPLACED ALL SPARK PLUGS WITH NEW CHAMPION SPARK PLUGS, P/N: RHB32E.

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: 8/23/2023

SIGNED:

Frank R Galella, IA: 2764795

Work Order: 13321

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 13344



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 9/22/2023  
A/C TSN: 3557.2  
ENG TT: 16.9  
TSMOH: 1184.1  
TACH: 3557.2

#### Engine Entries

(1) COMPLETED OIL AND FILTER CHANGE, INSPECTED OIL FILTER AND FOUND NO CONTAMINATION. ADDED 12 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: 9/22/2023

SIGNED:

Frank R Galella, IA: 2764795

Work Order: 13344

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-B  
ENGINE S/N: 686029  
REG NO: 256DB  
WORK ORDER: 13564



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 7/11/2024  
A/C TSN: 3659.1  
ENG TT: 118.8  
TSMOH: 1286  
TACH: 3659.1

#### Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE #1) 25/80 #2 76/80 #3 78/80 #4 78/80 #5 78/80 #6 74/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.... (4) MATERIAL.... (6) COMPLIED WITH AD 2001-08-06, BY INSTALLING NEW "V" BAND CLAMP I/A/W MSBTAT98-1.

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: 7/11/2024

SIGNED:

Frank R Galella, IA: 2764795

Work Order: 13564

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**TOTALS—Carry forward to next page**

MAKE: Raytheon  
 MODEL: A36  
 S/N: E-3081  
 REG. NO: 256DB  
 ENGINE MODEL: IO-550-B  
 ENGINE O/H DATE: 02-04-2013



Lincoln Park Aviation  
 FAA Cert: LKPR101K  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035

W/O #: 13627  
 DATE: 10-14-2024  
 A/C TT: 3646.4  
 A/C Tach: 3646.4  
 ENG TT:  
 TSMOH:

ED—  
 DRMING WORK

**Engine Entries**

(1) REMOVED AND REPLACED AIRCRAFT BATTERY WITH NEW, P/N: G-242, S/N: G03225656

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: 10-14-2024

SIGNED:

Frank Galella  
 FAA Cert: LKPR101K

*[Signature]*  
 IAW 2764795

WORK ORDER: 13627  
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Date: 09/10/2025 N256DB Make: CONTINENTAL IO-550-B  
 Vin:297800-RCS TACH:3569.7 TSMOH: 1296.0

Perform annual inspection on engine using the Continental service manual Perform compression test per continental SB03-3 and all cylinders passed. check and lube all joints and linkage Drain oil ,removed oil filter cut open to inspect for metal.(none noted) Install tempest ch48108 oil filter and filled engine with aeroshell aw20/50. Checked timing and set to factory spec. Check, clean and gapped spark plugs. I certify that this engine has been inspected IAW an annual and is in airworthy condition at this time.

Ronald Herald APIA 3587880

*Ronald Herald*

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