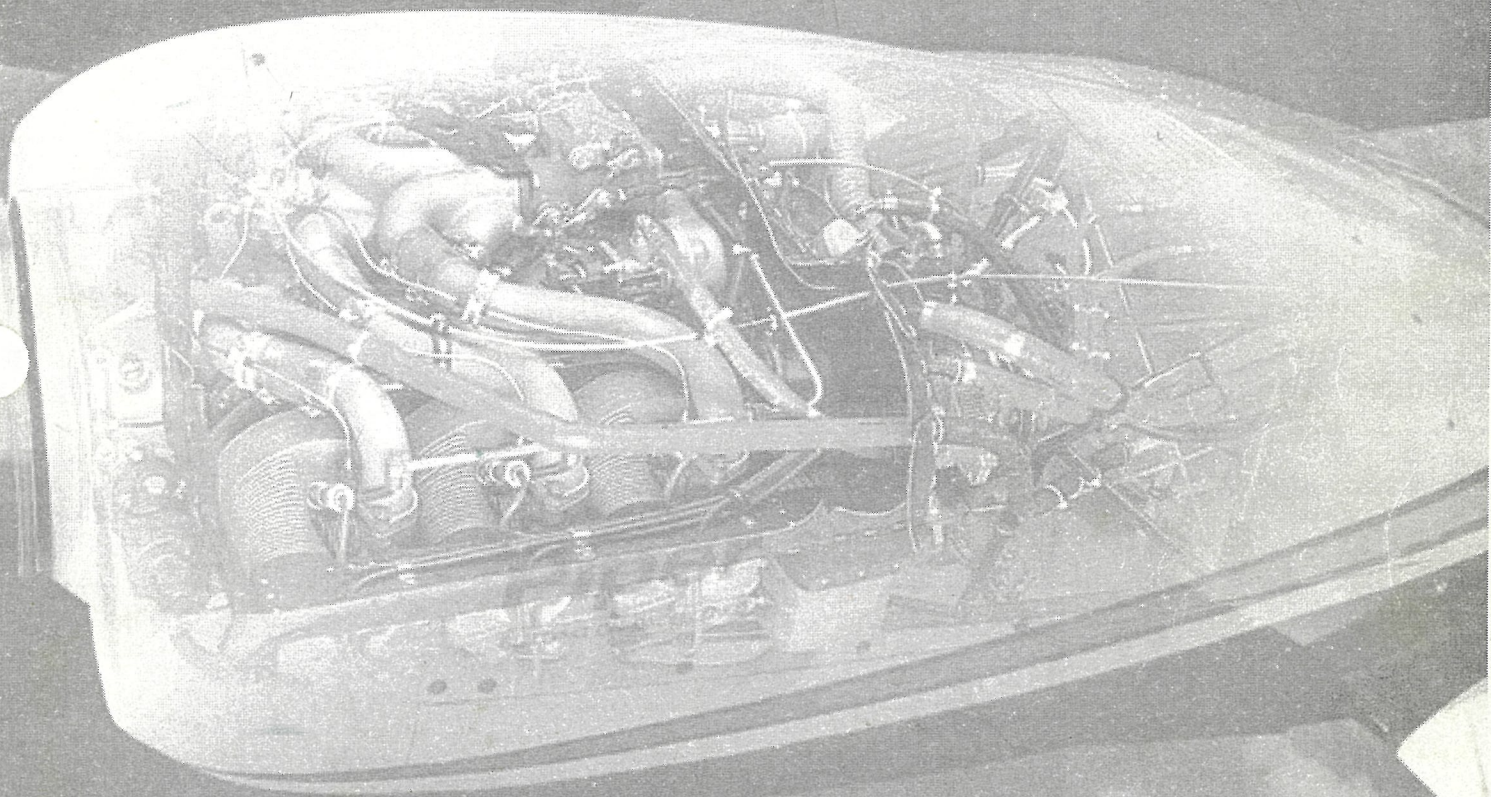


# ENGINE LOG BOOK



# CONTINENTAL MOTORS

## Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

## Engine Returns

All returned engines are to be shipped with this log book  
Directly to:

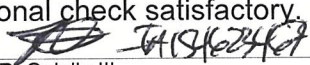
**Teledyne Continental Motors**  
**Abbeville Industrial Park**  
**Suite 159**  
**Abbeville, AL 36310**

**USE ONLY FUEL CONFORMING TO ASTM D910**  
**USE OF AUTOMOTIVE GAS IS NOT APPROVED.**

This engine model T0360ES 6, Serial No. 357212  
was manufactured on 06-11-00 by Teledyne Continental  
Motors in accordance with approved design data and the applicable  
requirements of Part 21 of the Federal Aviation Regulations. The  
approved design data for this engine incorporates all changes required  
by applicable Airworthiness Directives and Teledyne Continental  
Motors Service Bulletins.



 **TELEDYNE**  
**CONTINENTAL MOTORS**  
An Allegheny Teledyne Company

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
10-13-00	0	0	N/A	N/A	Serviced with 8qts of 30WT mineral oil
<b>Lincoln Park Aviation</b> <del>REG. NO. LKPR101K</del> 425 Beaverbrook Road Lincoln Park NJ 07035 973-633-0450					
Reg #: <b>N171CD</b> Make: <b>Cirrus</b> Model: <b>SR20</b> Date: <b>03-30-2001</b> W/O #: <b>S1962</b> Meter: <b>67.1</b> S/N: <b>1080</b>					
Changed oil and filter with new, inspect filter, no contamination found. Added 8qts 15W-50 oil. Installed Rief engine pre-heater system. Run up, leak check and functional check satisfactory.					
 Frank R. Galella III					

ENGINE MODEL: IO-360-C5-67  
 ENGINE S/N: 357212  
 REG. NO: 171CD  
 WORK ORDER: 2465

**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07005

DATE: 8/30/2001  
 TTE:  
 TSMOH: 174.8  
 HOBBS: 174.8

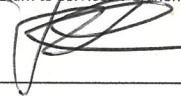
**Engine Entries**

Complied with 50 inspection in accordance with Cirrus maintenance manual, and 50hr inspection checklist. Completed oil change and inspected oil filter, no contamination found....

ENGINE - Drained oil, cleaned screens, checked and cleaned spark plugs, check compression using 80 psi as reference: #1) 78/80 #2) 77/80 #3) 78/80 #4) 79/80 #5) 78/80 #6) 79/80  
 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.  
 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 above.

DATE: 8/30/2001

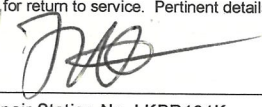
SIGNED:



**IA154623467**

WORK ORDER: 2465

Printed by EBis (<http://www.datcomedia.com>)

<b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07005 Repair Station No. LKPR101K					
ENGINE MODEL: ENGINE S/N: REG. NO: 171CD WORK ORDER: 2308					
DATE: 6/25/2001 TTE: TSMOH: HOBBS: 122.3					
<b>Engine Entries</b>					
Changed oil and filter with new, inspected filter, and found no contamination.... Repair broken P lead on left mag....					
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 above.					
DATE: 6/25/2001					
SIGNED:					
					
<b>Inspector 2</b>					
WORK ORDER: 2308					
Certified Repair Station No. LKPR101K      Printed by EBis ( <a href="http://www.datcomedia.com">http://www.datcomedia.com</a> )					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL: IO-360-C5-67  
 ENGINE S/N: 357212  
 REG. NO: 171CD  
 WORK ORDER: 2750

**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07005  
 Repair Station No. LKPR101K

DATE: 10/23/2001  
 TTE:  
 TSMOH: 191.4  
 HOBBS: 191.4

**Engine Entries**

ENGINE/ANNUAL - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 79/80 #2) 76/80 #3) 78/80 #4) 78/80 #5) 79/80 #6) 76/80  
 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.

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 above.

DATE: 10/23/2001 SIGNED:  WORK ORDER: 2750  
 Certified Repair Station No. LKPR101K Printed by EBis (http://www.datcomedia.com)

ENGINE MODEL: IO-360-C5-67  
 ENGINE S/N: 357212  
 REG. NO: 171CD  
 WORK ORDER: 2944

**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035  
 Repair Station No. LKPR101K

DATE: 2/5/2002  
 TTA: 228.5  
 TTE:  
 TSMOH: 228.5  
 HOBBS: 228.5

**Engine Entries**

Completed oil and filter change, inspected oil filter, and found no contamination. Added 8 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 above.

DATE: 2/5/2002 SIGNED:  IA154623467 WORK ORDER: 2944  
 Frank R Galella, IA 154623467 Printed by EBis (http://www.datcomedia.com)

ENGINE MODEL:  
 IO-360-C5-67  
 ENGINE S/N: 357212  
 REG. NO: 171CD  
 WORK ORDER: 3158




**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035  
 Repair Station No. LKPR101K

DATE: 5/29/2002  
 TTA: 264.0  
 TTE: 264.0  
 TSMOH: 264.0  
 HOBBS: 264.0

**Engine Entries**

Completed 25hr inspection, completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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 above.

DATE: 5/29/2002 SIGNED:  WORK ORDER: 3158  
 Robert Betzler, IA 141584903 Printed by EBis (http://www.datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward $\longrightarrow$					

ENGINE MODEL:  
10-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 3284



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 7/31/2002  
TTA: 304.2  
TTE: 304.2  
TSMOH: 304.2  
HOBBS: 304.2

**Engine Entries**

Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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 above.

DATE: 7/31/2002

SIGNED:

WORK ORDER: 3284

Robert Betzler, IA 141584903

Printed by EBis (http://www.datcomedia.com)

MAKE	<u>TCM</u>	MODEL	<u>10-360-ES</u>	SERIAL No./N No.	<u>357212</u>
TOTAL TIME	<u>339.2</u>	TACH READING	<u>339.2</u>	DATE	<u>15 NOV 02</u>
<u>ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. Q/W AD# 97-26-17 ULTRASONIC INSP. Q/W AD# 98-17-11 NEL BAL CRANK. C/W AD# 98-19-02 SUPERIOR PISTON PINS.</u>					
<u>ENGINE TEST RUN ON THIS DATE AND IS AIRWORTHY W. TH RESPECT TO THE WORK PERFORMED. THIS ENGINE APPROVED FOR RETURN TO SERVICE.</u>					
<b>PLEASE ENTER TOTAL ENGINE TIME</b>					
TELEDYNE MATTITUCK SERVICES, INC. FAA Repair Station T10R507Y W.O. No. <u>30347</u>					
			 Authorized Signature		

ENGINE MODEL:  
10-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 3284

**Engine Entries**

(2) ENGINE/APP  
Checked fuel sys  
Removed Engine  
Mattituck Work C

The Aircraft, Airframe, Airframe, Federal Aviation Administration and is Approved for return to service above.

DATE: 1/9/2003

sent to #30347

<b>WORK ORDER</b>	
Work Order No. <u>30347</u>	Customer <u>LINCOLN FCU</u>
Part No. <u>10-360-ES</u>	Serial No. <u>357217</u>
Nomenclature <u>F.C.M. AIRCRAFT ENGINE</u>	
Description of work performed <u>INSPECTED FOR SUDDEN STOPPAGE REPAIRED AS NECESSARY AND TEST CELL RUN</u>	
<u>Q/W AD 97-26-17, 98-17-11</u> <u>Q/W AD 98-19-02</u>	
All work performed in accordance with applicable manufacturer's maintenance and parts manuals.	
Date <u>11-15-02</u>	Signed
<b>TELEDYNE MATTITUCK SERVICES, INC.</b>	
FAA Repair Station T10R507Y	

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ENGINE MODEL:  
10-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 3284



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 7/31/2002  
TTA: 304.2  
TTE: 304.2  
TSMOH: 304.2  
HOBS: 304.2

**Engine Entries**

Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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 above.

DATE: 7/31/2002

SIGNED:

WORK ORDER: 3284

Robert Betzler, IA 141584903

Printed by EBIS (<http://www.datcomedia.com>)

MAKE	<u>TCM</u>	MODEL	<u>10-360-EG</u>	SERIAL No./N No.	<u>357212</u>
TOTAL TIME	<u>339.2</u>	TACH READING	<u>339.2</u>	DATE	<u>15 NOV 02</u>
ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. <u>Q/W AD# 97-26-17</u> ULTRASONIC INSP. <u>Q/W AD# 98-17-11</u> NEL BAL CRANK. <u>C/W AD# 98-19-02</u> SUPERIOR PISTON PINS.					
ENGINE TEST RUN ON THIS DATE AND IS AIRWORTHY W. TH RESPECT TO THE WORK PERFORMED. THIS ENGINE APPROVED FOR RETURN TO SERVICE.					
<b>PLEASE ENTER TOTAL ENGINE TIME</b>					
TELEDYNE MATTITUCK SERVICES, INC. FAA Repair Station T10R507Y W.O. No. <u>30347</u>			  Authorized Signature		

ENGINE MODEL:  
10-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 3588



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 1/9/2003  
TTA: 339.2  
TTE: 339.2  
HOBS: 339.2

**Engine Entries**

(2) ENGINE/ANNUAL - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs. Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required. Removed Engine and sent to Mattituck for teardown inspection. Received Engine from Mattituck and reinstalled in aircraft. See Mattituck Work Order #30347 for details. Fuel Flow set up in accordance with T.C.M. SID 97-3A.

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 above.

DATE: 1/9/2003

SIGNED:

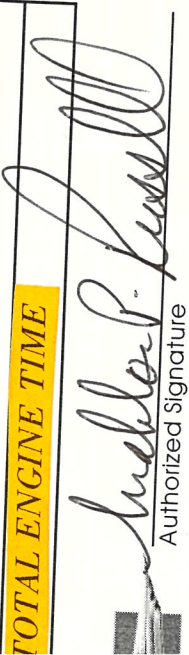
**INSPECTOR #3**

WORK ORDER: 3588

Robert Betzler  
Certified Repair Station No. LKPR101K

Printed by EBIS (<http://www.datcomedia.com>)

ES SERIAL No./N No. 357212  
DATE 15 NOV 02  
339.2  
VED, INSPECTED AND REPAIRED  
26-17 ULTRASONIC INSP. SW AD #  
AD # 68-B-19-02 SUPERIOR PISTON PINS.  
E AND US AIRWORTHY WITH RESPECT  
THIS ENGINE APPROVED FOR RETURN

**TOTAL ENGINE TIME**  
  
Authorized Signature

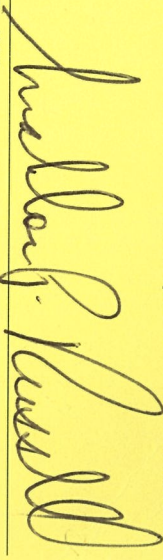
rk Aviation  
Road  
J7035  
LKPR101K  
DATE: 10/2003  
TTA: 339.2  
TTE: 339.2  
HOBBS: 339.2  
clean, no contamination found. Cleaned and gapped spark plugs.  
Checked prop for leaks and greased if required.  
received Engine from Mattiuck and reinstalled in aircraft. See  
formance with T.C.M. SID 97-3A.  
was repaired and inspected in accordance with current regulations of the  
of details of the repair are on file at this repair station under work order listed  
**INSPECTOR #3** WORK ORDER: 3588  
Printed by EBIs (http://www.datcomedia.com)

### MAINTENANCE RELEASE

This Engine or Accessory or Component identified on this tag was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and with respect to the work performed, it is airworthy and approved for return to service. Pertinent details of the repair are on the reverse side of this tag.

Work Order No. 30347

Date 11-15-02 Signed



TELEDYNE MATTIUCK SERVICES, INC.  
Airway Drive  
Mattiuck, NY 11952  
(631) 298-8330

RS T10R507Y Limited Airframe  
Powerplant 1; Limited Accessory  
Specialized Service

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL:  
IO-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 3686



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 3/21/2003  
TTA: 371.3  
TTE: 371.3  
HOBBS: 371.3

**Engine Entries**

(1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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 above.

DATE: 3/21/2003

SIGNED:

*Robert Betzler*  
**INSPECTOR #3**

WORK ORDER: 3686

Certified Repair Station No. LKPR101K

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ENGINE MODEL:  
IO-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 4097



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 10/2/2003  
TTA: 410.3  
TTE: 410.3  
HOBBS: 410.3

**Engine Entries**

(1) Completed oil and filter change, added 8qts 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 above.

DATE: 10/2/2003

SIGNED:

*Robert Betzler*  
**INSPECTOR #3**

WORK ORDER: 4097

Certified Repair Station No. LKPR101K

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ENGINE MODEL:  
IO-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 4319



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 02/07/04  
TTA: 423.3  
TTE: 423.3  
TSMOH: 423.3  
HOBBS: 423.3

**Engine Entries**

(2) ENGINE/ANNUAL - Drained oil, change filter and/or cleaned screens, no contamination found. Added 8qts of 15w50 oil. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 76/80 #2) 76/80 #3) 76/80 #4) 73/80 #5) 72/80 #6) 75/80

Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.

...  
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 above.

DATE: 02/07/04

SIGNED:

*Robert Betzler*  
**INSPECTOR #3**

WORK ORDER: 4319

Robert Betzler  
Certified Repair Station No. LKPR101K

Printed by EBis (<http://www.datcomedia.com>)

ENGINE MODEL:  
IO-360-C5-67  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 4380



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 03/18/04  
TTA: 429.0  
TTE: 429.0  
TSMOH: 429.0  
HOBBS: 429.0

**Engine Entries**

(1) Troubleshoot and cleaned #5 lower spark plug....

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 above.

DATE: 03/18/04

SIGNED:

*Robert Betzler*  
**INSPECTOR #3**

WORK ORDER: 4380

Robert Betzler  
Certified Repair Station No. LKPR101K

Printed by EBis (<http://www.datcomedia.com>)



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL:  
IO-360-ES(6)  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 4739



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

DATE: 8/13/2004  
A/C TSN: 451.9  
ENG TT: 451.9  
TSMOH: 451.9  
HOBBS: 451.9

**Engine Entries**

(1) Installed new lower spark plug on #5 cylinder. Compression 75/80.

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: 8/13/2004

SIGNED:

*Robert Betzler*

**INSPECTOR #3** Work Order: 4739

Robert Betzler  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-360-ES(6)  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 4801



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

DATE: 9/14/2004  
A/C TSN: 456.4  
ENG TT: 456.4  
TSMOH: 456.4  
HOBBS: 456.4

**Engine Entries**

(4) Completed oil and filter change, inspected oil filter and found no contamination, added 8qts 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: 9/14/2004

SIGNED:

*Robert Betzler*

**INSPECTOR #3** Work Order: 4801

Robert Betzler  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-360-ES(6)  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 5094



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

DATE: 1/26/2005  
A/C TSN: 469.1  
ENG TT: 469.1  
TSMOH: 469.1  
HOBBS: 469.1

**Engine Entries**

(2) ENGINE/ANNUAL - 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) 76/80 #3) 75/80 #4) 75/80 #5) 78/80 #6) 76/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (8) Complied with 500HR Magneto Inspection in accordance with Unison Master Service Manual F-1100.

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: 1/26/2005

SIGNED:

*Frank R Galella*

**Inspector 2**

Work Order: 5094

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<h2 style="margin:0;">Engine Service and Maintenance Record</h2> <p style="margin:0; font-size: small;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	

**Brought Forward** →

ENGINE MODEL:  
IO-360-ES(6)  
ENGINE S/N: 357212  
REG. NO: 171CD  
WORK ORDER: 6038

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

DATE: 2/14/2006  
A/C TSN: 505.4  
ENG TT: 505.4  
HOBBS: 505.4

**Engine Entries**

(2) 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) 73/80 #3) 75/80 #4) 76/80 #5) 77/80 #6) 75/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (5) **REPLACED GASCOLATOR SEALS, REPLACED FLUSH FUEL DRAINS, REPLACED AILERON INTERCONNECT SHOCK CORD PER 5 YEAR REQUIREMENT AND REPLACED ALL BRAKE LINES AS REQUIRED....** (9) RE-TORQUED OIL COOLER BUMPER AS REQUIRED.... (11) REMOVED AND REPLACED FUEL BOOST PUMP WITH REBUILT FUEL BOOST PUMP... (15) CLEANED ALL FUEL INJECTORS AS REQUIRED... (20) ADJUSTED ALTERNATOR BELT TENSION I.A.W. CIRRUS SR20 MM CHAPTER 24... (24) REPAIRED LWR #6 IGNITION LEAD AS REQUIRED

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.

Inspector 2

DATE: 2/14/2006

SIGNED:  
  
Frank R Galella, IA: 2764795

Work Order: 6038  
Printed by EBis 3 (datcomedia.com)

Reg. #	N171Cd	<b>Taylor Aviation, Inc.</b>	Date:	02/11/06
Make:	Cirrus	93 Hangar Rd., Montgomery NY 12549	Tach/Hobbs:	508.5
Model:	SR20	<b>ENGINE</b>	Total Time:	

Troubleshoot rough running engine. Performed compression test. Cleaned and flow tested injectors. Checked ignition timing. Removed and tested sparkplugs. Replaced faulty #2 cylinder sparkplug. Performed maintenance operational inspection with no further discrepancies noted at this time. Returned to service

Philip A. Criscenzo      A&P / IA 143449919

MAKE: Cirrus  
MODEL: SR20  
S/N: 1080  
REG. NO: 171CD  
WORK ORDER: 6282

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

DATE: 5/31/2006  
A/C TSN: 516.9  
HOBBS: 516.9

**Airframe Entries**

(1) INSTALLED NEW CHT PROBE. 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.

Inspector 2

DATE: 5/31/2006

SIGNED:  
  
Frank R Galella  
Certified Repair Station No. LKPR101K

Work Order: 6282  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 6913

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

DATE: 2/13/2007  
A/C TSN: 535.3  
ENG TT:  
TSMOH: 535.3  
TACH:

**Engine Entries**

(2) 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) 62/80 #3) 70/80 #4) 72/80 #5) 74/80 #6) 74/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (11) **REPLACED INDUCTION AIR FILTER WITH NEW....** (13) COMPLETED FUEL FLOW SET UP IAW TCM SID 97-3C.... (16) **TESTED VACUUM MANIFOLD IAW CDC PROCEDURE.** CHECK OK.... (20) REMOVED AND REPLACED OIL COOLER BUMPER WITH NEW.... (24) SEALED #4 CYL LOWER IGNITION WIRE AND APPLIED ANTI CHAFE TO PREVENT RUBBING ON ROCKER COVER.

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: 2/13/2007

SIGNED:  
  
Frank R Galella

Work Order: 6913  
Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought For

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 7684



**Lincoln Park Aviation**

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

DATE: 3/3/2008  
A/C TSN: 558.9  
ENG TT:  
TSMOH: 558.9  
HOBBS: 558.9

**Engine Entries**

(2) 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) 58/80 #3) 77/80 #4) 77/80 #5) 76/80 #6) 75/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (7) REMOVED AND REPLACED HEAT EXCHANGER BALL JOINT BOLT AND SPRING WITH NEW... (9) TIGHTENED UP ALL VALVE COVER SCREWS... (10) ADD ANTI-CHAFT TO SPARK PLUG WIRES AT MAGS... (11) TIGHTENED OIL COOLER BUMPER... (15) INSTALLED NEW VACUUM HOSES FIREWALL FORWARD...  
(16) RE CLOCKED GOVERNOR ARM AND ADJUSTED MAX AND CRUISE RPM IAW CDC MM... (18) COMPLIED WITH TCM SID 97-3D, FUEL FLOW SET UP.

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: 3/3/2008

SIGNED:

*[Handwritten Signature]*

Inspector 2 Work Order: 7684

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 7834



**Lincoln Park Aviation**

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

DATE: 5/15/2008  
A/C TSN: 605.7  
ENG TT:  
TSMOH: 605.7  
TACH:

**Engine Entries**

(1) CRIMP NEW WIRE CONNECTOR ON CHT WIRE AND CONNECT TO CHT SENSOR SECURE WIRE WITH TIES.

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: 5/15/2008

SIGNED:

*[Handwritten Signature]*

Inspector 2 Work Order: 7834

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 7857



**Lincoln Park Aviation**

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

DATE: 5/30/2008  
A/C TSN: 605.7  
ENG TT:  
TSMOH: 605.7  
TACH:

**Engine Entries**

(3) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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: 5/30/2008


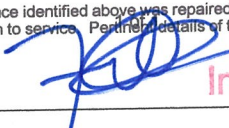



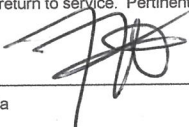

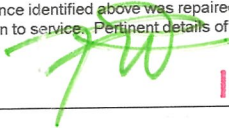
SIGNED:

*[Handwritten Signature]*

Inspector 2 Work Order: 7857

Frank R Galella  
Certified Repair Station No. LKPR101K

Printed by EBis 3 (datcomedia.com)


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought In					
ENGINE MODEL:		 <b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 3/11/2009	
ENGINE S/N:				A/C TSN: 711.8	
REG. NO: 171CD				ENG TT:	
WORK ORDER: 8313				TSMOH: 711.8 HOBBS: 711.8	
<b>Engine Entries</b> (2) 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) 67/80 #3) 76/80 #4) 72/80 #5) 77/80 #6) 72/80 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (5) REMOVED AND REPLACED INDUCTION AIR FILTER WITH NEW.... (7) REMOVED AND REPLACED TWO SPARK PLUGS WITH NEW.... (12) ADDED TWO WASHERS TO RIGHT EXHAUST HEADER TO MUFFLER BOLT AND RESAFETY.... (13) CLEANED AND INSPECTED ALL FUEL INJECTORS, INSTALLED AND TORQUED TO SPEC.... (21) REMOVED AND REPLACED TOP ENGINE COWL OIL ACCESS DOOR HINGE WITH NEW.... (22) REMOVED AND REPLACED #4 & #6 INNER CYL BAFFLE FASTENER WITH NEW.... (23) FABRICATED AND REPLACED LEFT SIDE ENGINE FUEL DRAIN LINE.					
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: 3/11/2009		SIGNED: 		Inspector 2	
		Frank R Galella Certified Repair Station No. LKPR101K		Work Order: 8313 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL:		 <b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 8/6/2009	
ENGINE S/N:				A/C TSN: 763.6	
REG. NO: 171CD				ENG TT:	
WORK ORDER: 8575				TSMOH: 763.6 HOBBS: 763.6	
<b>Engine Entries</b> (1) Completed oil and filter change, inspected oil filter and found no contamination. Added 8qts 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: 8/6/2009		SIGNED: 		Inspector 2	
		Frank R Galella		Work Order: 8575 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL:		 <b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 9/30/2009	
ENGINE S/N:				A/C TSN: 765	
REG. NO: 171CD				ENG TT:	
WORK ORDER: 8676				TSMOH: 765 HOBBS: 765	
<b>Engine Entries</b> (1) Completed 50hr inspection as per 50hr inspection checklist. Check compression using 80 psi as reference: #1) 68/80 #2) 67/80 #3) 72/80 #4) 66/80 #5) 60/80 #6) 67/80.... (3) CLEANED, GAPPED AND TESTED LOWER #1 SPARK PLUG. RUN UP 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: 9/30/2009		SIGNED: 		Inspector 2	
		Frank R Galella		Work Order: 8676 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL:		 <b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 4/5/2010	
ENGINE S/N:				A/C TSN: 784.4	
REG. NO: 171CD				ENG TT:	
WORK ORDER: 8889				TSMOH: 784.4 TACH:	
<b>Engine Entries</b> (2) 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) 79/80 #2) 76/80 #3) 78/80 #4) 80/80 #5) 73/80 #6) 76/80 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (9) COMPLIED WITH TCM SID 97-3E FUEL FLOW SET UP.					
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: 4/5/2010		SIGNED: 		Inspector 2	
		Frank R Galella		Work Order: 8889 Printed by EBis 3 (datcomedia.com)	

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWMAM UNIT 8 • EASTON, MD 21601

Date:

Date: 3/07/2011; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 866.40

cord  
rections,

Brought F

CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER. OBTAINED OIL SAMPLE AND SENT OUT FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.11-0096ENG

Signed  (Signature of authorized representative) CRS#XR5R175Y

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 9410



### Lincoln Park Aviation

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

DATE: 5/18/2011  
A/C TSN: 873  
ENG TT:  
TSMOH: 827.3  
HOBBS: 873

### Engine Entries

(2) 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 65/80 #3 71/80 #4 70/80 #5 65/80 #6 70/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (5) REMOVED #2 CYLINDER DRAIN FITTING, CLEANED AND RE INSTALLED TORQUED TO SPEC.... (6) STOP DRILLED CRACKS IN ENGINE BAFFLE AS REQUIRED.... (7) COMPLIED WITH AD 2008-11-18 BY INSPECTING EXHAUST I/AV SB 2X-78-07 R1. NO DEFECTS NOTED.... (15) INSTALLED NEW FUEL INJECTOR LINE SUPPORT CLAMP.

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: 5/18/2011

SIGNED:

Frank R Galeffa  
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 9410

Printed by EBIS 3 (datcomedia.com)



Date: 2/21/2012; Aircraft: N171CD; Type: CIF  
Time: 902.50,

REMOVED RIGHT MAGNETO P/N 6314, S/N 11111083. RAN AND OPS CHECKED GOOD

The aircraft, aircraft engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. Pertinent details of the repair are on file at this repair station under work order listed below.

Signed  (Signature of authorized representative)

## WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

## FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No. 6314

Magneto Serial No. 1111083

Date of Installation 2-21-12

L-1543 HOBBS: 902.5 March 30, 2009



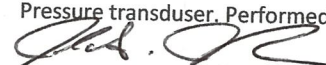
CIRRUS SR20  
S/N: 1080

N171CD

02/23/2012

Tach:

Removed engine cowl and troubleshoot oil pressure indication problem. Removed, inspected, cleaned and reinstalled oil pressure transducer. Performed operational and lean check/engine run, satisfactory. Reinstalled engine cowl.

  
Joshua S. Jackson A&P 2703524

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Da


Date: 3/07/2011; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 866.40

cord  
rections,

Brought F

CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER. OBTAINED OIL SAMPLE AND SENT OUT FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.11-0096ENG

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: 171CD  
WORK ORDER: 9410



### Lincoln Park Aviation

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

DATE: 5/18/2011  
A/C TSN: 873  
ENG TT:  
TSMOH: 827.3  
HOBBS: 873

### Engine Entries

(2) 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) 65/80 #3) 71/80 #4) 70/80 #5) 65/80 #6) 70/80  
Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required.... (5) REMOVED #2 CYLINDER DRAIN FITTING, CLEANED AND RE INSTALLED TORQUED TO SPEC.... (6) STOP DRILLED CRACKS IN ENGINE BAFFLE AS REQUIRED.... (7) COMPLIED WITH AD 2008-11-18 BY INSPECTING EXHAUST I/AW SB 2X-78-07 R1. NO DEFECTS NOTED.... (15) INSTALLED NEW FUEL INJECTOR LINE SUPPORT CLAMP.

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: 5/18/2011

SIGNED:

Frank R Gateffa  
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 9410

Printed by EBIS 3 (datcomedia.com)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 2/21/2012; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 902.50; Work Done At - Airframe  
Time: 902.50,

REMOVED RIGHT MAGNETO P/N 6314, S/N 00012525 AND REPLACED WITH NEW UNIT P/N 6314, S/N 11111083. RAN AND OPS CHECKED GOOD.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #12-0063.

Signed  CRS#XR5R175Y  
(Signature of authorized representative)



CIRRUS SR20  
S/N: 1080

N171CD

02/23/2012

Tach:

Removed engine cowl and troubleshoot oil pressure indication problem. Removed, inspected, cleaned and reinstalled oil Pressure transducer. Performed operatiol and lean check/engine run, satisfactory. Reinstalled engine cowl.

  
Joshua S. Jackson A&P 2703524

Champion Aerospa  
only applicable if th  
obligation under the  
said product which i  
Champion's assista

THIS WARRANTY  
WITHOUT LIMITA  
COURSE OF DEAL  
liability in connecti  
has been subjecte  
apply to any produc  
to any product whic  
not installed and m  
reliability. In addit

Pro  
New Magnet  
Ignition Harne  
SlickSTART™  
Parts

Request for warrant  
or assembly becom  
with transportation

Champion's liability  
product, whether in  
product giving rise  
Champion be liable

Date

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

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Brought For

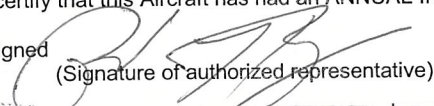
Date: 6/08/2012; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 923.80; Work Done At - Airframe  
Time: 923.80,, Engine Time: 923.80,  
IO-360ES6 S/N: 357212

C/W ANNUAL INSPECTION.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CKED OKAY. SAFETY TIED  
OIL FILTER.  
COMP CK: 1) 74/80, 2) 9/80, 3) 72/80, 4) 74/80, 5) 74/80, 6) 70/80  
SET LT AND RT MAGS TO PROPER TIMING AT 24B.T.DC.  
C/W A.D.2011-26-07; N/A BY S/N OF LT AND RT MAGNETOS.  
TROUBLESHOT LOW COMPRESSION ON #2 CYL. FOUND AIR TO BE LEAKING PAST RINGS. GAINED  
ACCESS TO AND REMOVED #2 CYL. INSTALLED NEW CYL KIT P/N 655479A9, S/N AC11HC116 WITH  
NEW PISTON AND RINGS IN #2 POSITION. INSTALLED ITEMS REMOVED FOR ACCESS.  
REPL ALL SPARK PLUGS.  
INSTALLED TERMINAL BOOTS WHERE MISSING ON LT AND RT MAGNETO P-LEADS.  
INSTALLED NEW INNER CYL BAFFLING FASTNER BETWEEN #4 AND #6 CYLS.  
C/W SPECIAL INSP OF ENG MOUNT RETORQUE; VERIFIED TORQUE ON ATTACHMENT BOLTS OF ENG  
MOUNT WELDMENT AND LOWER ATTACH FITTINGS. CLOSED ITEMS REMOVED FOR ACCESS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work  
performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection.  
Pertinent details of the repair are on file at this repair station under WORK ORDER NO.12-0208ENG

I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed



CRS#XR5R175Y

(Signature of authorized representative)

# AIR REPAIR

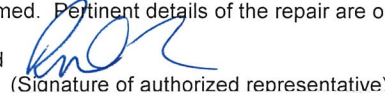
AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 7/27/2012; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 930.20; Work Done At - Airframe  
Time: 930.20,, Engine Time: 930.20,

REMOVED ENGINE STARTER P/N 646275-1, S/N R-070020 AND REPLACED WITH P/N 646275-1, S/N  
H-MO21449. OPS CHECKED NORMAL.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work  
performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #12-0296.

Signed



CRS#XR5R175Y

(Signature of authorized representative)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

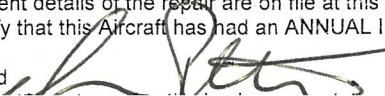
Date: 7/01/2013; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 967.00; Work Done At - Airframe  
Time: 967.00,, Engine Time: 967.00,  
IO-360-ES6 S/N: 357212

C/W ANNUAL INSP IN ACCORDANCE WITH CIRRUS MAINTENANCE MANUAL.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CKED OKAY. SAFETY TIED  
OIL FILTER.  
COMP CKS: 1) 70/80, 2) 74/80, 3) 70/80, 4) 74/80, 5) 74/80, 6) 72/80  
OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.  
INSP WELDS ON ENG MOUNT AND ATTACHED AREAS, NO DEFECTS.  
FABRICATED A DOUBLER REPAIR OF RIGHT FWD ENG BAFFLE I.A.W. AC 43.13 LB.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work  
performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection.  
Pertinent details of the repair are on file at this repair station under WORK ORDER NO.13-0265ENG

I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed



CRS#XR5R175Y

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

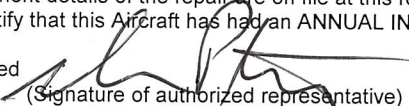
Date: 8/06/2014; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1021.30; Work Done At - Airframe Time: 1021.30,, Engine Time: 1021.30,

IO-360-ES

S/N: 357212

C/W ANNUAL INSPECTION PER FAR 43 APPENDIX D CHECKLIST.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.  
COMPRESSION CHECK: 1) 74/80, 2) 72/80, 3) 70/80, 4) 72/80, 5) 76/80, 6) 72/80.  
OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.14-0281ENG  
I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 9/04/2015; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Work Done At - Airframe Time: 1067.70,, Engine Time: 1067.70,

IO-360-ES6

S/N: 357212

C/W ANNUAL INSP PER AIR REPAIR CHECKLIST I.A.W. FAR 43, APPENDIX D.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER. ENG COMP CK: 1) 70/80, 2) 73/80, 3) 72/80, 4) 74/80, 5) 74/80, 6) 72/80.  
OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.15-0359ENG  
I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 5/03/2016; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Work Done At - Airframe Time: 1088.20,, Engine Time: 1088.20,

IO-360-ES6

S/N: 357212

CLEANED INJECTORS #4 AND #6.  
TROUBLESHOT HIGH #5 CYLINDER. REPAIRED WIRING AND RE-ROUTED AWAY FROM EXHAUST PIPES.  
INCREASED FUEL FLOW.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #16-0173ENG

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

cord  
rections,



N171CA

**WARNING**

LEFT

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

HOBBS:  
1067.7

**FAA-PMA Approved**

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No. 6314

Magneto Serial No. 1411139

Date of Installation 9-2-15

Date

Record  
Sections,

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Brought For

Date: 5/20/2016; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Work Done At - Airframe Time: 1091.30,  
Engine Time: 1091.30,

IO-360-ES6 S/N: 357212

CHANGED OIL AND FILTER, CUT APART FILTER AND INSPECTED FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF 15W50 AEROSHELL. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #16-0202ENG

Signed

(Signature of authorized representative)

CRS#XR5R175Y

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 9/12/2016; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1104.90, Work Done At - Airframe  
Time: 1104.90., Engine Time: 1104.90,

IO-360-ES(6) S/N: 357212

C/W ANNUAL INSPECTION PER FAR 43 APPENDIX D CHECKLIST. CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QUARTS OF 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.

ENG COMP CK: 1) 71/80, 2) 75/80, 3) 70/80, 4) 72/80, 5) 70/80, 6) 72/80. OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.16-0360ENG I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed

(Signature of authorized representative)

CRS#XR5R175Y

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 4/07/2017; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1126.40; Work Done At - Airframe  
Time: 1126.40., Engine Time: 1126.40,

IO-360-ES6 S/N: 357212

REMOVED AIR/OIL SEPARATOR AND INSTALLED NEW OIL SEPARATOR. CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER. OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #17-0135ENG

Signed

(Signature of authorized representative)

CRS#XR5R175Y

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

D

Date: 4/28/2017; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1127.60; Work Done At - Airframe Time: 1127.60,, Engine Time: 1127.60,

IO-360-ES6 S/N: 357212

REMOVED AND CLEANED FUEL INJECTORS I.A.W. CONTINENTAL 10-360 MAINTENANCE MANUAL. REINSTALLED INJECTORS AND LEAK TESTED GOOD.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WORK ORDER #17-0163ENG

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 9/14/2017; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1155.20; Work Done At - Airframe Time: 1155.20,, Engine Time: 1155.20,

IO-360-ES6 S/N: 357212

C/W ANNUAL INSP PER FAR 43 APPENDIX D CHECKLIST.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.  
ENG COMP CK: 1) 58/80, 2) 66/80, 3) 68/80, 4) 69/80, 5) 72/80, 6) 74/80.  
OBTAINED OIL SAMPLE AND SENT TO AVIATION LABS FOR ANALYSIS.  
INSTALLED NEW ENGINE AIR FILTER.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.17-0380ENG  
I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 10/23/2018; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1177.70; Engine - Type: IO-360-ES6, S/N: 357212, Time: 1177.70; Work Done At - Airframe Time: 1177.70,, Engine Time: 1177.70,

IO-360-ES6 S/N: 357212

C/W ANNUAL INSP PER FAR 43 APPENDIX D CHECKLIST.  
CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND.  
FILLED SUMP WITH 8 QRTS OF 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER. ENG COMP CHECK: 1) 76/80, 2) 77/80, 3) 76/80, 4) 77/80, 5) 77/80, 6) 75/80.  
OBTAINED OIL SAMPLE AND SENT TO AVIATION LAB FOR ANALYSIS.  
R/R PUSH ROD TUBE SEALS, O-RINGS, ROCKER RETAINER WASHERS AND ROCKER COVER GASKETS ON ALL AFFECTED CYLINDERS AS REQUIRED. LEAK CHECKED GOOD AT THIS TIME.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.18-0393ENG  
I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed  CRS#XR5R175Y  
(Signature of authorized representative)

Record  
specifications,

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Record  
Sections,

Date

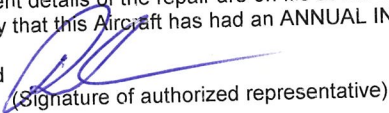
Date: 10/21/2019; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1199.80; Engine - Type: IO-360-ES6, S/N: 357212, Time: 1199.80; Work Done At - Airframe Time: 1199.80,, Engine Time: 1199.80, Shop Order #: 19-0400, Closed: 10/21/2019

Brought F

- \*C/W ANNUAL INSP PER AIR REPAIR AR001SE INSP CHECKLIST.
- \*CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.
- \*ENG COMP CK: 1) 70/80, 2) 63/80, 3) 68/80, 4) 70/80, 5) 68/80, 6) 68/80.
- \*OBTAINED OIL SAMPLE AND SENT TO AVIATION LAB FOR ANALYSIS.
- \*R/R TUBE SEALS INNER AND OUTER ON CYLINDERS 2 AND 4. REPL LOCK TAB UNDER ROCKER HOLD DOWN NUTS. REPL ROCKER COVER GASKETS.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.19-0400ENG I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed



(Signature of authorized representative)

CRS#XR5R175Y

# AIR REPAIR

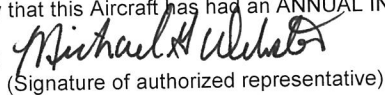
AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 11/08/2020; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1217.90; Engine - Type: IO-360-ES6, S/N: 357212, Time: 1217.90; Work Done At - Airframe Time: 1217.90,, Engine Time: 1217.90, Shop Order #: 20-0361, Closed: 11/10/2020

- \*C/W ANNUAL INSP PER AIR REPAIR AR001SE INSP CHECKLIST.
- \*CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 5W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.
- \*OBTAINED OIL SAMPLE AND SENT TO AVIATION LAB FOR ANALYSIS.
- \*REPL PUSH ROD TUBE SEALS ON #2 AND #4 CYLINDERS. REPL GASKETS ON VALVE COVERS ASSOCIATED WITH LEAKING PUSH ROD TUBES. RAN ENGINE AND LEAK CHECKED, NO LEAKS NOTED.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.20-0361ENG I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed



(Signature of authorized representative)

CRS#XR5R175Y

# AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date:

Date: 11/19/2021; Aircraft: N171CD; Type: CIRRUS SR20; S/N: 1080; Hobbs: 1232.80; Engine - Type: IO-360-ES6, S/N: 357212, Time: 1232.80; Work Done At - Airframe Time: 1232.80,, Engine Time: 1232.80, Shop Order #: 21-0432, Closed: 11/19/2021

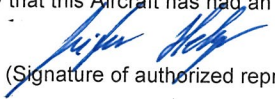
Brought F

Record  
Sections,

- \*C/W ANNUAL INSP PER AIR REPAIR AR001SE INSP CHECKLIST.
- \*CHANGED OIL AND FILTER, CUT APART FILTER AND INSP FOR FOREIGN MATERIAL; NONE FOUND. FILLED SUMP WITH 8 QTS OF AEROSHELL 15W50. TEST RUN AND LEAK CHECKED OKAY. SAFETY TIED OIL FILTER.
- \*ENG COMP: 1) 68/80, 2) 70/80, 3) 71/80, 4) 69/80, 5) 70/80, 6) 71/80
- \*OBTAINED OIL SAMPLE AND SENT TO AVIATION LAB FOR ANALYSIS.
- \*REMOVED AND REPLACED ENGINE AIR FILTER.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.21-0432ENG I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed



CRS#XR5R175Y

(Signature of authorized representative)
