AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

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ENGINE LOG

1.	Make	Teledyne Continental
2.	Model	IO-360-ES6
3.	Specification	
4.	Manufacturer's Serial Number	827768-R
5.	Date of Manufacture	03/24/2007
6.	Aircraft Inspection Cycle	

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS,
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD					
Apr. 11/07					

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
2039 South Broad Street
Mobile, AL 36615

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

CONTINENTAL

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company
Printed: 03/25/2007

This engine model TO360ES6 , Serial No. 827768 - R was manufactured on 03/24/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TCM 19

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Copy of front page of Manufacture US log book.

AKO 399-02-03

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TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Chapman Aircraft Service Ltd.

C-GZGH Cirrus SR20 S/N 1343 529.3TTAF

Aircraft engine IO-360ES6 S/N357658 removed due to failure. Installed factory rebuilt Continental IO-360ES6 S/N 827768-R as per Cirrus SR20 maintenance manual chapter 71-00. Replaced four MS21045-7 nuts for engine mounting and torqued to 500in/lb. Installed new Alternator P/N 5S4024LP S/N G100760. B&C backup alternator reinstalled. Inhibiting oil drained and added 7L Phillips 20W50 Mineral oil. Throttle & mixture control rigged as per 76-10. Governor control rigged as per 61-20. Fuel Strainer inspected. Fuel system flushed. Complied with Cirrus SB 2X-71-10 for Engine Breather by installing kit P/N 70092-001. Fuel pressures adjusted as per SID97-3C. Reinstalled spinner backing plate and torqued to 300in/lb. Installed Hartzell Propeller P/N BHC-J2YF-1BF/F7694 S/N EF348B after inspection by Hope Aero W/O T73316. McCauley C290D3R/T23 Prop Governor S/N 03-0349 reinstalled after overhaul by New England Propeller Service, Inc. W/O CR-33520. Dual Inspection completed of powerplant controls completed. Engine Run up completed satisfactory, no oil leaks detected.

Aircraft released subject to a satisfactory test flight.

I have conducted an inspection for conformance to the type of the powerplant controls that were affected by the work accomplished.

AMO 349-92-02 Date 11 APR 2007

The maintenance described has been accomplished in accordance with applicable standards of airworthiness.

AMO-349-92-03 April 11, 2007

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

Customer Copy

Form No. QA-85

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Engine Component Information Sheet

Printed: 03/25/2007

Serial: 827768
Spec: 103608S6B
New/Rebuilt: (REBUILT)

Assembled: 03/22/2007
Shipped:
Packed: 03/25/2007

Customer Name: CIRRUS DESIGN CORPORATION
Shipping Address:

Component	Serial Number
CAMSHAFT	Z06LA009
CRANKSHAFT	N06IA030
CRANKCASE	S07BA004
CONNROD	AE06LA800
CONNROD	AE06LA791
CONNROD	AE06LA872
CONNROD	AE06LA805
CONNROD	AE06LA834
CONNROD	AE06LA821
L MAGNETO	06081540
R MAGNETO	06061502
FUEL PUMP	B04HA129R
MANIFOLD VALVE	C04HA121R
METERING UNIT	A04HA110R
STARTER	06 336 0078
OIL COOLER	K06-4776-451

Component	Serial Number
CYLINDER-1	AC07BB090
CYLINDER - 2	AC07BB112
CYLINDER - 3	AC07CA021
CYLINDER - 4	AC06EC156
CYLINDER - 5	AC07BB103
CYLINDER - 6	AC07BB108
NOZZLE - 1	110J
NOZZLE - 2	210KL
NOZZLE - 3	310L
NOZZLE - 4	410K
NOZZLE - 5	510K
NOZZLE - 6	610JK
PSTN WGT	WF

TCM 19

Pack Inspection Stamp _____

All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
April 11,07		0.53	~~0.5~~	0.53	
april 18,07	11	.64	11	.64	
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Chapman Aircraft Service Ltd.

C-GZGH Cirrus SR20 S/N 1343 621.4TT

Prop governor control adjusted. Ground run completed satisfactory. Dual inspection completed.

Aircraft released subject to a satisfactory test flight.

I have conducted an inspection for conformance to the type of the powerplant controls that were affected by the work accomplished.

.....Date Apr 11 2007

The maintenance described has been accomplished in accordance with applicable standards of airworthiness.

..... AMO-349-92-03 April 11, 2007

Syracuse Executive Air Service, Inc.

Engine

Reg #: C-GZGH **Make:** Cirrus Design **Model:** SR-20 **Tach:**
AC S/N: 1343 **ACTT:** 634.7 **Hobbs:** 634.7 **TSN:** 14.3
M/N: IO-360-ES (6) **S/N:** 827768-R **TSO:**

1: Drained oil inspected filter, no defects noted. Serviced with new CH48108-1 filter & 8 quarts Phillips 20w50 Type M oil. Ground run leak check normal.
2: Installed bracket & clamp for engine breather line to ensure correct routing.
3: Adjusted propeller governor maximum RPM stop screw, and rigged cruise RPM cam operation point.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature: *Date:* 04/18/2007 *Work Order:* 5513

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

Syracuse Executive Air Service, Inc.

Engine

Reg #: C-GZGH **Make:** Cirrus Design **Model:** SR-20 **Tach:**
AC S/N: 1343 **ACTT:** 634.7 **Hobbs:** 634.7 **TSN:** 14.3
M/N: IO-360-ES (6) **S/N:** 827768-R **TSO:**

1: Installed new #5 Cylinder CHT probe

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature: *Date:* 04/18/2007 *Work Order:* 5513

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
31/08/2007	49.	26	49.	26	
23/11/2007	71.	85	71.	85	
06/03/2008	89.	18	89.	18	
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Syracuse Executive Air Service, Inc.

Engine

Reg #: C-GZGH | Make: Cirrus | Model: SR20 | Tach: 49.26
AC S/N: 1343 | ACTT: 678.1 | Hobbs: 678.1 | TSN: ~~148.8~~ airtime
ENG M/N: IO-360-ES | ENG S/N: 357658 | TSO:

Complied with 100 hr inspection using Cirrus checklist.
Complied with AD research through this date.
Drained oil, inspected filter, no defect noted. Installed new filter and serviced with 7 qts 15w50 Aeroshell.
SB 2X-78-07, heat exchanger inspection, complied with, no deffects noted.
Compression check 1)77/80 2)74/80 3)78/80 4) 77/80 5) 78/80 6) 77/80.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature: Date: 08/27/2007 Work Order: 5678

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

AF 578.56 AUG 31/2007

Engine and Engine Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Syracuse Executive Air Services work orders #5678.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P Brisart M313590

ENGINE MODEL:
ENGINE S/N:
REG. NO: C-GZGH
WORK ORDER: 7534

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

e3
DATE: 11/26/2007
A/C TSN: 706
ENG TT:
TSMOH: 706
HOBBS: 706

Engine Entries

(1) REMOVED ALT #2, P/N: BC410-1, S/N: 0431910 AND INSTALLED SERVICED ALT #2 P/N: BC410-1, S/N: 0121094. OPS AND LEAK 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: 11/26/2007 SIGNED: Inspector 2 Work Order: 7534

Frank R Galella 1 of 1 Printed by EBis 3 (dalcomedia.com)
Certified Repair Station No. LKPR101K

Syracuse Executive Air Service, Inc.

Engine

Reg #: C-GZGH | Make: Cirrus Design | Model: SR-20
AC S/N: 1343 | ACTT: 727.3 | Hobbs: 727.3 | Tach: NA
M/N: IO-360-ES (6) | S/N: 827768-R | TSO: | TSN: 106.9

Complied with Engine oil change, internally inspected filter, installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Installed new thermostatic oil bypass valve, part no.639305.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature: Date: 03/06/2008 Work Order: 5922

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					622.66 TT − 529.3 TT = 93.36
13/03/2008	93	36	93	36	
June 10, 2008	37	59	131	25	
Sept 13/08	17	32	148	57	
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

LICENCE NUMBER

Syracuse Executive Air Service, Inc. Engine

Reg #: C-GZGH Make: Cirrus Design Model: SR-20
AC S/N: 1343 ACTT: 732.5 Hobbs: 732.5 Tach:
M/N: IO-360-ES (6) S/N: 827768-R TSO: TSN: 112.1

1: Complied with Cirrus SB 2X-78-07 R1 SR20 Heat Exchanger Inspection no deffects noted next due 832.5 HRS.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature: Date: 03/13/2008 Work Order: 5931

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

Chapman Aircraft Service Ltd.

C-G-ZGH Cirrus SR-20 S/N 1343 660.55TTSN 776.6hr HOBBS

Oil change completed using Aeroshell 15W50 oil, oil sample taken for analysis. Oil filter inspected found three small magnetic particles, Installed CH48108-1 oil filter. Replaced R/H Nav Light P/N W1524. Gasolator inspected and found clean. Battery fluid level inspected and found satisfactory. Fuel leak check completed. Engine run-up completed satisfactory, no oil leaks detected.

The maintenance described has been accomplished in accordance with applicable standards of airworthiness. ..... AMO-349-92-03 June 10, 2008

Syracuse Executive Air Service, Inc. Engine

Reg #: C-GZGH Make: Cirrus Design Model: SR-20
AC S/N: 1343 ACTT: 799.1 Hobbs: 799.1 Tach:
M/N: IO-360-ES (6) S/N: 827768-R TSO: TSN: 178.7

1: Completed requirements of 100 hour inspection per Cirrus Checklist.
2: Completed AD research thru Bi-weekly
3: Compression check #1 72/80, #2 68/80, #3 72/80, #4 68/80, #5 68/80, #6 72/80, Pressure of day 00/80
4: Drained oil, inspected filter, no defects noted. Serviced with 8qts Aero Shell 15 w 50

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature: Date: 09/12/2008 Work Order: 6109

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

Records inspected to ensure compliance with CARS 625 Appendix B Part 1 Annual Inspection
Refer to Syracuse Executive w/o 6109

The maintenance described above has ~~been performed in accordance with the~~ applicable standards of airworthiness P Bryant M3135

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD →					715.49 H − 529.37 H = 186.19
31/03/09	~~189~~	~~19~~	~~40~~	~~65~~	
	40	65	189	.19	
~~14/10~~					
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Syracuse Executive Air Service, Inc. Engine

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 844 1
S/N: 827768-R
Model: SR-20
Hobbs: 844 1
TSO:
Tach:
TSN: 223 7

Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature:

For: Syracuse Executive Air Service, Inc. - CRSBJFR481C
211 Toskenna Road
Syracuse, NY 13211

Date: 03/31/2009

Work Order: 6340

EXECAIR

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →			227		
July 7 09	38	45	~~230~~	64	
	32	57	261	26	
Sept 26 2009	~~33~~	~~65~~	~~264~~	~~29~~	
Jan 24 2010	38	16	299	.42	
					CARRIED FORWARD
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TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Chapman Aircraft Service Ltd. **C-G-ZGH** **Cirrus SR-20** **S/N 1343** **756.94TTSN** **890.7hr HOBBS** Oil change completed using Aeroshell 15W50 oil, oil sample taken for analysis. Oil filter inspected found clean, installed CH48108-1 oil filter. Engine run-up completed satisfactory, no oil leaks detected. The maintenance described has been accomplished in accordance with applicable standards of airworthiness. ..... M754326 July 16, 2009		
Annual carried out on Engine, refer to Syracuse Executive WO# 6509		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness	P Bryant	M313590

Syracuse Executive Air Service, Inc. — Engine

Reg #: C-GZGH — Make: Cirrus Design — Model: SR-20
AC S/N: 1343 — ACTT: 928.8 — Hobbs: 928.8 — Tach:
M/N: IO-360-ES (6) — S/N: 827768-R — TSO: — TSN: 308.4

Completed requirements of 100 hour inspection per Cirrus Checklist.
Completed AD research thru Bi-weekly 2009-19.
Compression check #1 70/80, #2 70/80, #3 74/80, #4 74/80, #5 72/80, #6 74/80, Pressure of day 34/80
Drained oil, inspected filter, no defects noted. Serviced with 8qts Aero Shell 15w50 oil.
Repaired baffling as needed.
Cleaned fuel injectors nozzles.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature: [signature] Date: 09/23/2009 Work Order: 6509

Ref: Syracuse Executive Air Service, Inc. - CRSSJFR481C
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR

Oil and filter replaced (Aeroshell 15W50). Ground Run carried out, no leaks. The maintenance described above has been performed in accordance with the applicable standards of airworthiness. . P Bryant ..... M313590 January 24, 2010.		

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
June 25, 2010	38	19	337	61	
Sept 18 2010	18	66	356	27	885.57 − 529.3 = 356.27
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Landmark Aviation — Engine

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 1016.5
S/N: 827768-R
Model: SR-20
Hobbs: 1016.5
TSO:
Tach:
TSN: 396.1

I: Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature:
For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 06/26/2010 — Work Order: S-32-10-00269

LANDMARK AVIATION

Landmark Aviation — Engine

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 1036.5
S/N: 827768-R
Model: SR-20
Hobbs: 1036.5
TSO:
Tach:
TSN: 416.1

Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
Complied with AD research through biweekly 2010-19.
Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Installed new intercylider baffle spring between cylinder #2 and #4.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature:
For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 09/17/2010 — Work Order: S-32-10-00369

LANDMARK AVIATION

Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order #S32-10-00369.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P. Bryant M313590 September 18, 2010.

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

Scanned by CamScanner

ENGINE SERVICE AND

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD →					
March 14, 2011	40	42	396	69	925.99 - 529.3
Sept 17, 2011	45	1	441	79	971.09 - 529.3
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Engine

Landmark Aviation

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)

Make: Cirrus Design
ACTT: 1084.5
S/N: 827768-R

Model: SR-20
Hobbs: 1084.5
TSO:

Tach:
TSN: 464.1

Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature:

For: Landmark Aviation CSR EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 03/14/2011

Work Order: S-32-11-00605

LANDMARK AVIATION

Engine

Landmark Aviation

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)

Make: Cirrus Design
ACTT: 1134.6
S/N: 827768-R

Model: SR-20
Hobbs: 1134.6
TSO:

Tach:
TSN: 514.2

Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
Complied with AD research through biweekly 2011-19.
Compressions;#1 77/80, #2 71/80, #3 74/80, #4 79/80, #5 75/80, #6 72/80
Installed four new spark plugs P/N RHM38E.
Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service
For details of work performed, see workorder on file with repair station.

Signature:

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 09/17/2011

Work Order: S-32-10-00784

LANDMARK AVIATION

Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order #S-32-10-00784.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P. Bryant M313590 September 17, 2011.

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
Apr. 6 2012	~~475.57~~ 32	72	475	51	1004.81 - 529.30
Sept 15 2012	32	52	508	03	1037.53 - 529.30
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Landmark Aviation — Engine

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 1174.8
S/N: 827768-R
Model: SR-20
Hobbs: 1174.8
TSO:
Tach:
TSN: 554.4

Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with repair station.

Signature:

For: Landmark Aviation CSR EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 04/06/2012 *Work Order:* S-32-12-01041

LANDMARK AVIATION

Landmark Aviation — Engine

Reg #: C-GZGH
AC S/N: 1343
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 1211.8
S/N: 827768-R
Model: SR-20
Hobbs: 1211.8
TSO:
Tach:
TSN: 591.4

Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
Complied with AD research through biweekly 2012-18.
Compressions;#1 76/80, #2 70/80, #3 75/80, #4 72/80, #5 73/80, #6 73/80
Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Complied with 500 hour Magneto internal inspection. Installed new distributor block assemblies on both mags.
Installed two new spark plugs P/N RHM38E.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature:

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

Date: 09/14/2012 *Work Order:* S-32-12-01197

LANDMARK AVIATION

Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order #S S32-12-01197.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P. Bryant M313590 September 15, 2012.

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
Jan 8 2013	41	27	549	3	1078.60 – 529.30
June 20 2013	15	97	565	27	1094.57 – 529.30
July 23/2013	19	97	585	24	1114.54 – 529.30
					CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

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EN	ID TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

MASS AVIATION

375 Airport Drive
Worcester, MA 01602

Date: 01/28/13 W/O#: 1402 Reg.#: C-GZGH Hobbs: 1261.2

ENGINE: Drained oil, removed oil filter, cut open to inspect. No metal noted. Installed new filter, CH48108-1, safetied. Serviced engine with Aeroshell 15W50 oil. Performed engine run-up. Leak checked with satisfactory results.

_____ AP31589366

HERITAGE AVIATION

C-GZGH – Cirrus SR20 S/N: 1343
Airframe Hours: 1281.4 TT

Airframe Entry:

Removed faulty Tach sensor P/N 12323-001 S/N 937 and installed New tach sensor P/N 12323-001 S/N 2291 IAW the Cirrus SR20 MM Ch. 77-10. Ops checks good.

"The above items were complied with per the "Manufactures Maintenance Procedures". This aircraft/engine is "Approved for Return to Service" for work performed.

Date: 06/20/2013 Sign: _____ *for CRSIGXR989E WO#SH14784*

MASS AVIATION

375 Airport Drive
Worcester, MA 01602

Date: 7/23/13 W/O#: 1494 Reg.#: C-GZGH Hobbs: 1305.0

ENGINE: Drained oil, removed oil filter and cut open to inspect. No metal noted. Installed new filter, CH48108-1, safetied. Serviced engine with 7 quarts of Aeroshell 15W50 oil. Performed engine run-up. Leak checked with satisfactory results.

_____ AP3683573

_____ HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
Sept 13 2013	17	14	602	38	1131.68 — 529.30
Sept 14 2013	1	13	603	51	1132.81 — 529.30
Jan 27 2014	39	01	642	52	1171.84 — 529.3
Jan 27/14	26		645	12	CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Landmark Aviation

Reg #: C-GZGH
AC S/N: 1348
M/N: IO-360-ES (6)
Make: Cirrus Design
ACTT: 1325.0
S/N: 827768-R
Model: SR-20
Hobbs: 1325.0
TSO:
Engine
Tach:
TSN: 704.6

1: Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
2: Complied with AD research through biweekly 2013-18.
3: Compressions:#1 68/80, #2 76/80, #3 70/80, #4 72/80, #5 74/80, #6 74/80, pressure for the day 40/80.
4: Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
5: Installed new PN: 9654K167 baffle spring for right cylinders.
6: Installed new PN: 642892 oil filler cap gasket.
7: Installed new lower spark plug PN: RHM38E for #6 cylinder.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder/file with repair station.

Signature:

For: Landmark Aviation CRS [illegible]
211 Tuskegee Road
Sur

Date: 09/13/2013

Work Order: S32-13-01588

LANDMARK AVIATION

Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order # S32-13-01588.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P. Bryant M313590 September 14, 2013.

1-800-GO-AVERY

SIGNATURE
TECHNICAIR
Aircraft Maintenance
SBA Aviation

Date: 1/27/2014 C-GZGH Hobbs: 1,370.9 WO: 3760

Engine
Drained oil and took sample. Removed oil filter. Oil filter was cut ope and element checked for contaminants in accordance with the TCM Manual and found to be satisfactory. Installed a new oil filter. Torquec and safetied filter in accordance with the TCM Manual. Added 7 qts. c Aeroshell 15w-50 oil. Run up good & no leaks noted.—END—

Jameson Mcarthy A&P 3274835

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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ENGINE SERVICE AND

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD →			~~1744~~	~~4~~	
Apr 2/2014 →			645	12	
Jul 3/2014			671	55	1200.85 − 529.3
Sept 20/2014			694	91	1224.21 − 529.3
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Aircraft Reg: GZGH TTSN: 1174.42 Propeller struck towbar, engine not running. Engine Flange inspected and no damage found. Fuel Manifold mounting Bracket replaced. The maintenance described above has been performed in accordance with the applicable standards of airworthiness. P Bryant M313590 April 2, 2014.		

Landmark Aviation — Engine

Reg #: C-GZGH **Make:** Cirrus Design **Model:** SR-20
AC S/N: 1343 **ACTT:** 1405.5 **Hobbs:** 1405.5 **Tach:**
M/N: IO-360-ES (6) **S/N:** 827768-R **TSO:** **TSN:** 785.1

Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Installed new alternator mount bracket, part no. 657046.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature: *Date:* 07/03/2014 *Work Order:* S-32-14-01921

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

LANDMARK AVIATION

Landmark Aviation — Airframe

Reg #: C-GZGH **Make:** Cirrus Design **Model:** SR-20
AC S/N: 1343 **ACTT:** 1405.5 **Hobbs:** 1405.5 **Tach:**

Installed new CHT probe at No.3 position. Ops check satisfactory.
Installed repaired alternator part no. ES4024-LP, serial no. G100760. Ops check satisfactory.

All work performed IAW current FAA regulations and current manufacturers technical data. The article is airworthy with respect to the work above.
For details of work performed, see workorder on file with this Repair Station.

Signature: *Date:* 07/03/2014 *Work Order:* S-32-14-01921

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

LANDMARK AVIATION

Landmark Aviation — Engine

Reg #: C-GZGH **Make:** Cirrus Design **Model:** SR-20
AC S/N: 1343 **ACTT:** 1433.3 **Hobbs:** 1433.3 **Tach:**
M/N: IO-360-ES (6) **S/N:** 827768-R **TSO:** **TSN:** 812.9

Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
Complied with AD research through biweekly 2014-18.
Compressions;#1 789/80, #2 68/80, #3 70/80, #4 74/80, #5 74/80, #6 71/80
Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Installed new prop governor cable support on engine. Secured cable to eliminate chafing on support.
Installed overhauled oil cooler, part no. 632886, serial no. DRK118078. Installed new push rod tube seals, and valve cover gaskets on all left bank cylinders. Installed new prop governor gasket.
All leak checks satisfactory.
Adjusted right magneto to engine timing, checked cam and points for deterioration, found serviceable.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature: *Date:* 09/19/2014 *Work Order:* S-32-14-02014

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

LANDMARK AVIATION

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ENGINE SERVICE AND

DATE	TIME RUN HRS.	TIME RUN MIN.	TIME SINCE OVERHAUL HRS.	TIME SINCE OVERHAUL MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD →					
March 5 2015			722	33	1251.63 – 529.3
Sept 18 2015			761	53	1290.83 – 529.3
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order # S32-15-02411.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

P. Bryant M313590 September 18, 2015

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MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Engine and Records inspected to ensure compliance with CARs 625 Appendix "B" Part 1, Annual Inspection and CARs 625 Appendix "C" - Out of Phase Tasks. Refer to Landmark Aviation work order # S32-14-02014.		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.		
P. Bryant M313590 September 20, 2014.		

GARDNER AVIATION SERVICES INC
499 AIRPORT RD GARDNER MA 01440
PH# 978-821-2803
FAX 978-632-9876

3/5/2015	CIRRUS	SR-20	C-GZGH
SN# 1343	TT	TACH:	HOBBS 1466.2

DRAINED OIL REMOVED FILTER SEPEATED NO DEFECTS NOTED
INSTALLED OIL PAN DRAIN PLUG WITH NEW GASKET AND
SAFETIED INSTALLED NEW OIL FILTER AND SAFETIED PART
NUMBER CH48108-1 SERVICED WITH 7QTS AEROSHELL 15W50
CHECKED # 6 EGT PROBE CLEANED CONNECTIONS AND
RESECURED
CW SR20/22 OILCHANGE CHECK LIST NO DEFECTS NOTED
RAN ENGINE ALLCHECKS OK #6 EGT PROBE INDICATS NORMAL
NO LEAKS NOTED
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

DOMINIC P SCALERA
A&P 2668058

Landmark Aviation Engine

Reg #: C-GZGH	**Make:** Cirrus Design	**Model:** SR-20	
AC S/N: 1343	**ACTT:** 1512.0	**Hobbs:** 1512.0	**Tach:**
M/N: IO-360-ES (6)	**S/N:** 827768-R	**TSO:**	**TSN:** 891.6

Complied with 100 hour inspection in accordance with 14 CFR 91.409 (b).
Complied with AD research through biweekly 2015-18.
Compressions;#1 66/80, #2 63/80, #3 64/80, #4 75/80, #5 69/80, #6 70/80
Complied with engine oil change, internally inspected oil filter, no discrepancies noted. Installed new CH48108-1 filter and serviced with 7 quarts Aeroshell 15W-50 oil.
Installed 6 new upper spark plugs. Ops check good.
Removed and replaced air filter attach rod with new unit.
Removed and replaced #1 CHT probe with new part.

All work performed IAW current FAA regulations and current manufacturers technical data. The work performed above is approved for return to service.
For details of work performed, see workorder on file with repair station.

Signature: *Date:* 09/18/2015 *Work Order:* S32-15-02411

For: Landmark Aviation CRS EASR436D
211 Tuskegee Road
Syracuse, NY 13211

LANDMARK AVIATION

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

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