

**Aircraft Record** General Information

Manufacturer CIRRUS Model SR22  
Serial 1592 Registration Number 313DG  
Date of Manufacture \_\_\_\_\_

**Engine(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

ISBN 978-1-58027-117-8



9 781560 271178

## Registered Owner Record

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

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From \_\_\_\_\_ To \_\_\_\_\_

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR  
20  
DATE

**J.A. AIR CENTER**  
Aurora Airport • Sugar Grove, IL 60554  
FAA Repair Station #NF2R029L

Type SR22  
S/N 1592  
N# 313DG

Description of work done:

**AIRFRAME LOG ENTRY**

Replaced GTX327 transponder with SN/ 83718841 repaired on 230225. Replaced A-30 encoder with new unit SN/ 130966. Tested transponder and altitude reporting as required by 91.411/91.413.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 1995 Date 3 Nov 13 Tach/Hobbs 1046.2 Signature Doug Mall  
Inspector (print) Doug Mall

Hot  
Ren  
Sha



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Travel Express Aviation Maintenance, Inc  
DuPage Airport, West Chicago, IL 60185

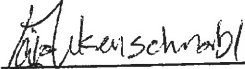
Aircraft: N313DG Date: 03/27/14 Invoice: 5566

HOBBS: 1086.4

The following work was accomplished:

- Removed and replaced ELT Batteries with 8 new Duracell D Cell batteries. Next due for replacement 03/2015.
- Accomplished ELT Inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4, next due 03/2015.
- Removed and replaced pilot's Rosen Visor mounting assembly with new P/N R1740100, S/N M124777.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

  
Caleb Mukenschnabl, AP 3701092

END





**on of Inspections, Tests, Repairs and Alterations**  
 it be endorsed with Name, Rating and Certificate Number of  
 or Repair Facility. (See back pages for other specific entries.)



Aviation Maintenance, Inc  
 West Chicago, IL 60185  
 03/27/14 Invoice: 5566

8 new Duracell D Cell batteries. Next due for replacement  
 e with FAR 91.207, (d), 1, 2, 3 and 4, next due 03/2015.  
 mounting assembly with new P/N R1740100, S/N  
 cturer's specifications and Federal Aviation Regulations.

END

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				 <b>Travel Express Aviation Maintenance, Inc</b> DuPage Airport, West Chicago, IL 60185 Aircraft: N313DG Date: 03/27/14 Invoice: 5566  HOBBS: 1086.4 The following work was accomplished: <ul style="list-style-type: none"> <li>Removed and replaced EGT 6 with new probe P/N 16579-002.</li> <li>Removed left fuel gauge P/N FQ4041-12037, S/N 1649 and installed P/N FQ4041-12037, S/N 1655 after repair by Air Dallas Instruments, Inc., 811 Office Park Cir., Lewisville, TX 75057, RS# VE1R555K, WO# 75360. See FAA Form 8130-3 dated 11 November 2013 for details.</li> </ul> All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.   Mark Palazzo, AP 3201711 IA

END

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313D6

Mobile Avionics  
8585 Pyott Rd.  
Lake in the Hills, IL 60156  
(815) 459-0446

Date 5-29-14

Work Order No. 5710

I certify that the static system checks required by 14CFR 91.411 have been performed this date and found to comply with Part 43, Appendix E, Para a.

MAB

Signed for CRS No. MSBR662J

Mobile Avionics  
8585 Pyott Rd.  
Lake in the Hills, IL 60156

Date 5-29-14

Work Order No. 5710

I certify that the ATC transponder test and inspections required by 14CFR 91.413 were performed this date and found to comply with 14CFR 43, Appendix F.

Transponder

Make GARMIN  
Model GTX 327  
Serial No. 03718841

MAB MSOR662J

Mobile Avionics  
8585 Pyott Rd.  
Lake in the Hills, IL 60156

Date 5-29-14

Work Order No. 5710

I certify that the automatic pressure altitude reporting system checks required by 14CFR 91.217 and 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph C.

Transponder Serial No. GTX327 03718841  
Encoder Serial No. EX500HDC 20983365

MAB

Signed for CRS No. MSBR662J

MOBILE AVONICS, INC.  
8585 Pyott Rd.  
Lake in The Hills, IL 60156

313D6

Date 5-29-14

Work Order No. 5716

I certify that the altimeter checks required by 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph B.

Altimeter Serial No. UNITED (ALEXAND)  
14664

Tested To ZOK

Signed for CRS No. #M5BR662J

STR4

Altimeter Reads	Error	Altimeter Reads	Error
-1,000	0	14,000	40
0	0	16,000	60
500	0	18,000	100
1,000	0	20,000	100
1,500	10	22,000	
2,000	20	23,000	
3,000	20	30,000	
4,000	0	35,000	
6,000	20	40,000	
8,000	20	45,000	
10,000	0	50,000	
		HY 40%	10

MOBILE AVONICS, INC.  
8585 Pyott Rd.  
Lake in The Hills, IL 60156

Date 5-29-14

Work Order No. 5716

I certify that the altimeter checks required by 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph B.

Altimeter Serial No. EX5000  
20983345

Tested To ZOK

Signed for CRS No. #M5BR662J

EX5000

Altimeter Reads	Error	Altimeter Reads	Error
-1,000	0	14,000	60
0	0	16,000	80
500	0	18,000	80
1,000	0	20,000	100
1,500	10	22,000	
2,000	20	23,000	
3,000	20	30,000	
4,000	20	35,000	
6,000	20	40,000	
8,000	30	45,000	
10,000	30	50,000	
12,000	30	HY 40%	0
		HY 50%	0

ber of  
entries.)

Description of Inspections, Tests, Repairs and Alterations

RECORDING TODAY'S TOTAL



Travel Express Aviation Maintenance, Inc

DuPage Airport, West Chicago, IL 60185

Aircraft: N313DG Date: 6/06/14 Invoice: 5597

AFTT: 111.0 ENG TT: 111.0 ELT BATT DUE: 6/2015 ALT/STATIC: 6/2016  
 HOBS: 111.0 PROP TT: 111.0 ELT INSP DUE: 6/2015 XPONDER: 6/2016

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and

following the guidelines of the F.A.R., Part 43, Appendix D, and 91, Subpart E.

- Removed and replaced ELT Batteries with 8 new Duracell D Cell batteries. Next due for replacement 06/2015.
- Accomplished ELT inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4, next due 06/2015.
- SB 2X-25-19, Inflatable Restraint Harness Inspection. C/W by inspection and tie wrap.
- GTN 650 Service Bulletin. N/A by correct fuses installed.
- Fire extinguisher weight: 506 grams. Ok for service.
- Removed and replaced RH and LH brake calliper o-rings with new P/N M83461-1-222. Replaced brake stickers with new P/N 51698-003 and P/N 51698-001. Filled reservoir and bled brakes.
- Removed and replaced #2 batteries with new P/N 50979-001. Next due for replacement 6/2016.
- Removed and replaced Brackett air filter with new P/N BA-24.

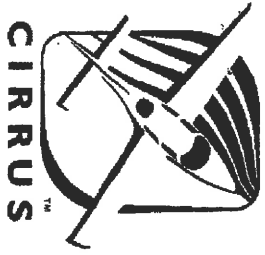
CONTINUED

of Inspections, Tests, Repairs and Alterations  
 endorsed with Name, Rating and Certificate Number of  
 Repair Facility. (See back pages for other specific entries.)  
 DATE

Altimeter Reads	Error	Altimeter Reads	Error
0	0	14,000	40
500	0	16,000	60
1,000	0	18,000	100
1,500	10	20,000	100
2,000	20	22,000	
3,000	20	23,000	
4,000	0	30,000	
6,000	20	35,000	
8,000	20	40,000	
10,000	0	45,000	
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313D6



Cirrus Design Corporation  
4515 Taylor Circle  
Duluth, MN 55811

Phone: 218-727-2737  
Fax: 218-727-2148  
www.cirrusaircraft.com

**PACKING SLIP**

PACK SLIP NO. 131552*3	DATE SHIPPED 05/20/14
SALES ORDER NO. 131552	DATE ORDERED 01/16/14
CUSTOMER PURCHASE ORDER NO. 4500204735	
SHIPPED VIA US FDX Gnd @ Gnd \$	

UPS FR 089 279 201

Sold To	Ship To
01*18976 API 8655 Commerce Drive Suite 105 Southaven MS 38671 UNITED STATES	16976 CIRRUS 8655 Commerce Drive Suite 105 Southaven, MS 38671 UNITED STATES

Item	Product and Description	UOM	QTY Ordered	QTY Shipped	QTY B.O.	Serial Numbers
0013	50979-001 BATTERY, #2, SEALED, LEAD ACID, .250 TERMINALS	EA	100	100		

\*\*\*\*\* MAY ZB ORDER \*\*\*\*\*

A PRE-APPROVED RMA AUTHORIZATION NUMBER MUST ACCOMPANY ALL RETURNED ITEMS. CONTACT PARTRETURNS@CIRRUSAIRCRAFT.COM WITH ANY QUESTIONS.

ITEMS THAT ARE NOT DEFECTIVE OR DAMAGED IN ANY WAY MAY BE RETURNED TO CIRRUS FOR CREDIT WITHIN 60 DAYS OF THE DATE OF INVOICE. ITEMS WILL BE SUBJECT TO A RESTOCK FEE OF 15% OR \$50 PER ITEM, WHICHEVER IS GREATER, WITH A MAXIMUM OF \$500.

CIRRUS AIRCRAFT CERTIFIES THAT THE ITEMS SHIPPED ON THIS ORDER ARE IN COMPLIANCE WITH ALL ENGINEERING DRAWINGS AND SPECIFICATIONS.

ALL ITEMS LISTED ABOVE ARE CONSIDERED AIRWORTHY AND MEET THE REQUIREMENTS OF U.S. TYPE CERTIFICATE A00009CH. THESE ITEMS WERE MANUFACTURED UNDER U.S. PRODUCTION CERTIFICATE PC3398CE AND ARE ELIGIBLE FOR INSTALLATION ON CIRRUS MODEL SR20/SR22/SR22T.

\*\*\*EFFECTIVITY TO BE DETERMINED BY INSTALLER\*\*\*

01 BG02732

CO#: 13



PO#:



204735

RCVD DATE



140523

# WHELEN<sup>®</sup>

ENGINEERING COMPANY, INC.  
51 Winthrop Road, Chester, CT 06412-0684  
Phone: 860-526-9504 Fax: 860-526-4078

313D6

## PACKING LIST

C112205

ORDER NUMBER	ORDER DATE	REORDER SHIP DATE
N1535A0 TH	11/04/2013	12/30/2013
ACCOUNT NUMBER	PACKAGES	
XXXXXX 500	1	
NO. OF PACKAGES		

CO#: 13

PO#:



201607

P.O. 4500201607

AEROSPACE PRODUCTS INT L INC

SHIP 8655 COMMERCE DRIVE  
TO SUITE 105

SOUTHAVEN MS 38671

RCVD DATE



131205

01BF 09123

ORDER NO	QTY	DESC	ITEM DESCRIPTION	U.PS GROUND	CHARGE SHIPTO	NET 30 DAYS
3	3	19-170049-010 (E) RETAINER, A600 LENS				
10	10	5070500 FLASH TUBE ASSEMBLY	36-0050705-00 (K)			
40	40	A50828 A508-28 HALOGEN LAMP 28VDC	34-0428070-64 (D)			
11	11	W129028 W1290 28 VOLT 26 WATT LAMP	34-0428020-65 (F)			

\*\*\* PLEASE NOTE \*\*\*  
\*DO NOT INSURE\*\*/\*SHIP ON OR  
B/4 REQ'D DATE\*\*  
NOTE: ITEMS MARKED N/A ARE NOT FAA APPROVED.  
INSTALLATION ON A U.S. TYPE CERTIFICATED  
PRODUCT WILL REQUIRE FAA APPROVAL.

C OF C - This certifies the above  
listed items have been inspected  
and tested, and will meet purchase  
order requirements and associated  
specifications.

for Whelen Engineering Company

11/25/2013 17:19

By accepting the goods and/or services listed above, Purchaser accepts Whelen Engineering Company's  
Terms and Conditions of Sale unless a contract between Purchaser and Whelen is in effect at date of invoice.

# WHELEN<sup>®</sup>

ENGINEERING COMPANY, INC.  
51 Winthrop Road, Chester, CT 06412-0684  
Phone: 860-526-9504 Fax: 860-526-4078

*CIRROS*

## PACKING LIST

ORDER NUMBER	ORDER DATE	REQUIREMENT DATE
N1535A0 TH	11/04/2013	12/30/2013
ACCOUNT NUMBER		PROGRAMS
XXXXXXXX 500		1
NON-DISCREPANCY		

CO#: 13



PO#:



201607

P.O. 4500201607

AEROSPACE PRODUCTS INT L INC

SHIP 8655 COMMERCE DRIVE  
TO SUITE 105

SOUTHAVEN MS 38671

RCVD DATE



131205

01BF 09123

ORDER	SHIP	FAO	QUANTITIES	DESCRIPTION	U.P.S. GROUND	CHARGE SHIPTO	NET 30 DAYS
3	3			19-170049-010 (E) RETAINER, A600 LENS			
10	10			5070500 36-0050705-00 (K) FLASH TUBE ASSEMBLY			
40	40			AS0828 34-0428070-64 (D) A508-28 HALOGEN LAMP 28VDC			
11	11			W129028 34-0428020-65 (F) W1290 28 VOLT 26 WATT LAMP			

\*\*\* PLEASE NOTE \*\*\*  
\*DO NOT INSURE\*\*/\*\*\*SHIP ON OR  
B/4 REQ'D DATE\*\*  
NOTE: ITEMS MARKED N/A ARE NOT FAA APPROVED.  
INSTALLATION ON A U.S. TYPE CERTIFICATED  
PRODUCT WILL REQUIRE FAA APPROVAL.

C OF C - This certifies the above  
listed items have been inspected  
and tested, and will meet purchase  
order requirements and associated  
specifications

*A. Blahely*  
for Whelen Engineering Company

11/25/2013 17:19

By accepting the goods and/or services listed above, Purchaser accepts Whelen Engineering Company's  
Terms and Conditions of Sale unless a contract between Purchaser and Whelen is in effect at date of invoice.

YEAR

20

DATE

DESCRIPTION

TOTAL

TOTAL

ration  
number of  
entries  
DATE



Travel Express Aviation Maintenance, Inc

DuPage Airport, West Chicago, IL 60185

Aircraft: N313DG Date: 6/06/14 Invoice: 5597

- The current status of applicable ADs was checked through 2014-12.
  - AD 2006-21-03, effective 11/17/06, Brake Caliper Piston O-Rings. P/C/W.

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [FAR 43.15, (2) (i) (ii) (iii) and (iv)]

I certify that this AIRFRAME has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.

*Mark Palazzo*  
Mark Palazzo, AP 3201711A

END






ess Aviation Maintenance, Inc  
 rport, West Chicago, IL 60185  
 Date: 6/06/14 Invoice: 5597

i was checked through 2014-12.  
 Brake Caliper Piston O-Rings. P/C/W.  
 o have satisfactory performance in accordance with the  
 5, (2) (i) (ii) (iii) and (iv)]  
 ed in accordance with an annual inspection and was determined

END

Operation  
 Number of  
 Entries  
 DATE

RECORDING  
 TACH  
 TIME

TODAY'S  
 FLIGHT

TOTAL  
 TIME IN  
 SERVICE

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Travel Express Aviation Maintenance, Inc  
 DuPage Airport, West Chicago, IL 60185  
 Aircraft: N313DG Date: 7/25/14 Invoice: 5839

HOBBS: 1121.1

The following work was accomplished:

- Removed SIU P/N A0800, S/N 1772 and replaced with repaired unit P/N A0800, S/N 1582. For details, see FAA form 8130-3 from Radiant Power Corporation, 7135 16<sup>th</sup> St. E, Ste. 101, Sarasota, FL 34243, RS# W9PR345Y, WO# 110141, dated 19 Jun 2014.
- Removed and replaced LH strobe light with new P/N 36-0050705-00.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

*Mark Palazzo*  
 Mark Palazzo, AP 3201711 JA

END

1. Approving Civil Aviation Authority/Country

2.

3. Form Tracking Number:

# AUTHORIZED RELEASE CERTIFICATE

FAA/United States

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

119009RPC

4. Organization Name and Address:

W9PR345Y  
Radiant Power Corp.  
7135 16<sup>th</sup> St E, Suite 101  
Sarasota, FL 34243

5. Work Order/Contract/Invoice Number:

110141

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Sensor Interface Unit	A0800	1	1582	REPAIRED

**12. Remarks:**

Replaced Switch (SDA10H1BD). Set Switch to original position 2, 5, 8 and 10 on. After repairs unit passed all tests. Unit was tested in accordance with A0800-ATP Rev. B Dated 7-30-2012. Shipped to Avidyne Corporation.  
Radiant Power Corp. certifies that the work specified in block 11/12 was performed in accordance with EASA Implementation Rule part 145 approval and in respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.5491

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 12.

14a.

14 CFR 43.9 Return to Service  Other regulation specific to Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval/Authorization No:

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

*Christopher Rion Gabel*

W9PR345Y

Christopher Rion Gabel

19/Jun/2014

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in block 1. Statements in block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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**Travel Express Aviation Maintenance, Inc**  
DuPage Airport, West Chicago, IL 60185

Aircraft: N313DG    Date: 8/29/14    Invoice: 5953

HOBBS: 1122.6

The following work was accomplished:

- Removed and replaced EGT #6 with P/N 16579-002.
- Repaired wire on EGT with new alumel terminal P/N 1-321898-0.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

*Mark Palazzo*  
Mark Palazzo, AP 32017421A

END

**tion of Inspections, Tests, Repairs and Alterations**

Just be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Travel Express Aviation Maintenance, Inc  
 DuPage Airport, West Chicago, IL 60185  
 Date: 8/29/14 Invoice: 5953

N 16579-002.  
 Terminal P/N 1-321898-0.

Manufacturer's specifications and Federal Aviation Regulations.

END

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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**Travel Express Aviation Maintenance, Inc**  
 DuPage Airport, West Chicago, IL 60185

Aircraft: N313DG Date: 2/27/15 Invoice: 6266

AFTT: 1167.4 ENG TT: 1167.4 ELT BATT DUE: 02/2016 ALT/STATIC: 6/2016  
 HOBBS: 1167.4 PROP TT: 1167.4 ELT INSP DUE: 02/2016 XPONDER: 6/2016

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.

- Removed and replaced LH brake linings with new P/N 066-10500 using new rivets P/N RA105-000.
- Accomplished ELT inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4, next due 02/2016.
- Accomplished parachute repack I/A/W SB2X-95-18R1. Removed parachute P/N 20331-001, S/N 01894 and installed inspected parachute P/N 25574-004S, S/N 01409R1. New parachute expiration date is 02/2025. Installed new electronic ignition retrofit kit P/N 70268-002, new G5 rocket crossbeam retrofit kit P/N 70271-002, and new G5 rocket retrofit kit P/N 70271-001. Installed using new sealant P/N CS3204B1-2kit. For details on the parachute, see FAA form 8130-3 dated 04 Feb 2015 from Cirrus Design Factory Service Center, 4961 Airport Road, Duluth, MN 55811, RS# YD5R855Y, WO# CS0721647.
- Removed and replaced RH muffler/heat exchanger with new P/N 14837-001. Next due for replacement at Hobbs 2167.4. LH muffler due at Hobbs 1764.7.

CONTINUED

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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Travel Express Aviation Maintenance, Inc  
DuPage Airport, West Chicago, IL 60185

Aircraft: N313DG Date: 2/27/15 Invoice: 6266

- Removed and replaced RH and LH aileron gap seals with new P/N 14390-003.
- Removed and replaced MLG fairing screw with new P/N AN52510R12.
- Removed and replaced LH exhaust extension springs with new P/N 51389-001.
- Removed and replaced LH and RH brake assembly o-rings with new P/N M83461-1-222. Installed new temperature stickers with new P/N 51698-003 and P/N 51698-001.
- Installed new adel clamp P/N MS21919WDG25 on oil heater.
- Removed and replaced #1 battery with new P/N RG24-11M, S/N 40692628.
- Removed and replaced Brackett air filter with new P/N BA-24.
- SB 2X-95-13, CAPS Strap Inspection and Grommet Install. Accomplished by cutting out and installed new grommets P/N MS21266-1N and P/N MS21266-6N.
- SB 2X-95-18R1, CAPS Rocket Motor Assembly Replacement. C/W by removing rocket motor assembly P/N 15047-001, S/n 2197 and installed new rocket motor assembly P/N 29500-403, S/N 0888 along with frangible link P/N 29705-002. New rocket motor expiration date is 01/2025.
- Removed and replaced ELT remote control panel indicator battery with new 6v battery P/N 2CR11108. Next due 02/2020.

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**Travel Express Aviation Maintenance, Inc.**

DuPage Airport, West Chicago, IL 60185

Date: 1/21/16

Aircraft: 313DG

Model: Cirrus SR22

Serial: 1592

Invoice: 7037/7039W

AFTT: 1259.7

Eng TT: 1259.7

ELT Batt: 12/2025

Alt/Static: 05/2016

Hobbs: 1259.7

Prop TT: 1259.7

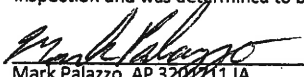
ELT Insp: 01/2017

Xponder: 05/2016

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.

- Accomplished ELT Inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4. Next due 01/2017.
- Removed and replaced ELT batteries with new Duracell D-cell batteries. Due 01/2017.
- Removed and replaced induction air filter with new P/N 50207-001 and safetied.
- Removed and replaced induction duct flapper bolt with new P/N AN3-34.
- Removed and replaced TKS filter with new P/N 26115-101 using sealing rings P/N 15164-092B.
- Weighed fire extinguisher; 502g. Okay for service.
- Removed and replaced rudder-aileron interconnect bungee cord with new P/N 12983-001.
- Complied with Precise Flight 50-hour and Annual ICAs. Okay for service.
- Removed nose fork. Pressed bushings out of fork. Clean and inspected fork. Pressed new bushings into fork. Installed fork with new thrust washer P/N 50545-001 and new set screw P/N 51183-426 using new bearings P/N 50544-001 and 50543-001, new washers P/N NAS1149F0863P and NAS970-8, and new nut P/N MS17826-8. Adjusted castoring tension and safetied.
- Removed and replaced LH main landing gear strut fairing wellnut with new P/N 50803-001.
- Complied with SB2X-28-12R1, eff. 8/19/2015, Electric Fuel Pump Inspection by testing. No leaks found; okay for service.
- The current status of applicable ADs checked through 2016-01:
  - o Complied with AD 93-05-06, eff. 4/29/93, ACS Ignition Switches by test. Lubrication due at Hobbs 2000.0.

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [FAR 43.15, (2) (i) (ii) (iii) and (iv)] I certify that this AIRFRAME has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.

  
Mark Palazzo, AP 320711 IA

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**Maintenance, Inc.**  
 Chicago, IL 60185  
 Cirrus SR22 Serial: 1592 Invoice: 7037/7039W  
 ELT Batt: 12/2025 Alt/Static: 05/2016  
 ELT Insp: 01/2017 Xponder: 05/2016  
 the manufacturer's checklist and following the guidelines of the  
 1, 2, 3 and 4. Next due 01/2017.  
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 sealing rings P/N 15164-092B.  
 with new P/N 12983-001.  
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 ected fork. Pressed new bushings into fork. Installed fork with  
 -426 using new bearings P/N 50544-001 and 50543-001, new  
 S17826-8. Adjusted castoring tension and safetied.  
 with new P/N 50803-001.  
 inspection by testing. No leaks found; okay for service.  
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**Travel Express Aviation Maintenance, Inc.**  
 DuPage Airport, West Chicago, IL 60185

Date: 11/13/15 Aircraft: 313DG Model: SR22 Serial: 1592 Invoice: 6896

Hobbs: 1252.3

The following work was accomplished:

- Removed alternator 1 P/N C28-150, S/N 150-122000. Installed overhauled alternator P/N 646843, S/N 002FA010 using new boot P/N MS25171-1S. Okay for service. See FAA Form 8130-3 for more information on alternator overhauled by Aircraft Accessories of Oklahoma, 2740 N Sheridan Rd, Tulsa OK 74115, CRS#RV3R829L, WO #SO15-2258, dated 11 Nov 2015.
- Complied with MCU operational inspection per MM24-30-23 para. 3. Disconnected Battery 1. Removed MCU cover and cables. Checked continuity from battery to MCU. Test ran and performed operation inspection; passed all tests. Okay for service.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

*Mark Palazzo*  
 Mark Palazzo, AP 32017121A

END



**Travel Express Aviation Maintenance, Inc.**  
 DuPage Airport, West Chicago, IL 60185

Date: 1/9/16 Aircraft: 313DG Model: Cirrus SR22 Serial: 1592 Invoice: 6896

Hobbs: 1258.2

The following work was accomplished:

- Removed alternator 1 P/N 646843, S/N 002FA010 and reinstalled alternator 1 P/N C28-150, S/N 150-122000.
- Removed and replaced logic module with new P/N 14604-002, and current sensor with new P/N 14610-004. Tested all wires, MCU traces and reassembled. Test flew; okay for service.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

*Mark Palazzo*  
 Mark Palazzo, AP 32017121A

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Travel Express Aviation Maintenance, Inc.

DuPage Airport, West Chicago, IL 60185

Date: 2/1/16

Aircraft: 313DG

Model: Cirrus SR22

Serial: 1592

Invoice: 7037/7039W

AFTT: 1259.7

Eng TT: 1259.7

ELT Batt: 12/2025

Alt/Static: 05/2016

Hobbs: 1259.7

Prop TT: 1259.7

ELT Insp: 01/2017

Xponder: 05/2016

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.

- Accomplished ELT Inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4. Next due 01/2017.
- Removed and replaced ELT batteries with new Duracell D-cell batteries. Due 01/2017.
- Removed and replaced induction air filter with new P/N 50207-001 and safetied.
- Removed and replaced induction duct flapper bolt with new P/N AN3-34.
- Removed and replaced TKS filter with new P/N 26115-101 using sealing rings P/N 15164-092B.
- Weighed fire extinguisher; 502g. Okay for service.
- Removed and replaced rudder-aileron interconnect bungee cord with new P/N 12983-001.
- Complied with Precise Flight 50-hour and Annual ICAs. Okay for service.
- Removed nose fork. Pressed bushings out of fork. Clean and inspected fork. Pressed new bushings into fork. Installed fork with new thrust washer P/N 50545-001 and new set screw P/N 51183-426 using new bearings P/N 50544-001 and 50543-001, new washers P/N NAS1149F0863P and NAS970-8, and new nut P/N MS17826-8. Adjusted castoring tension and safetied.
- Removed and replaced LH main landing gear strut fairing wellnut with new P/N 50803-001.
- Complied with SB2X-28-12R1, eff. 8/19/2015, Electric Fuel Pump Inspection by testing. No leaks found; okay for service.
- The current status of applicable ADs checked through 2016-01:
  - o Complied with AD 93-05-06, eff. 4/29/93, ACS Ignition Switches by test. Lubrication due at Hobbs 2000.0.

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [FAR 43.15, (2) (i) (ii) (iii) and (iv)] I certify that this AIRFRAME has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.

*Mark Palazzo*  
Mark Palazzo, AP 3201711-1A

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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MAKE: Cirrus  
 MODEL: SR-22  
 S/N: 1592  
 REG. NO: N313DG  
 WORK ORDER: 6272-02-2017



**J.A. Air Center**  
 Repair Station No. NF2R029L  
 43W730 US RT 30  
 Sugar Grove, Illinois 60554  
 Phone: 630.584.3200

DATE: 02 Mar  
 HOBB

**Airframe Entries**

1 GTN650 Software Upgrade to Main Version 6.21, Touch Software Version 2.10 and WAAS Version 5.2 per Garmin SB 1655 Rev A.

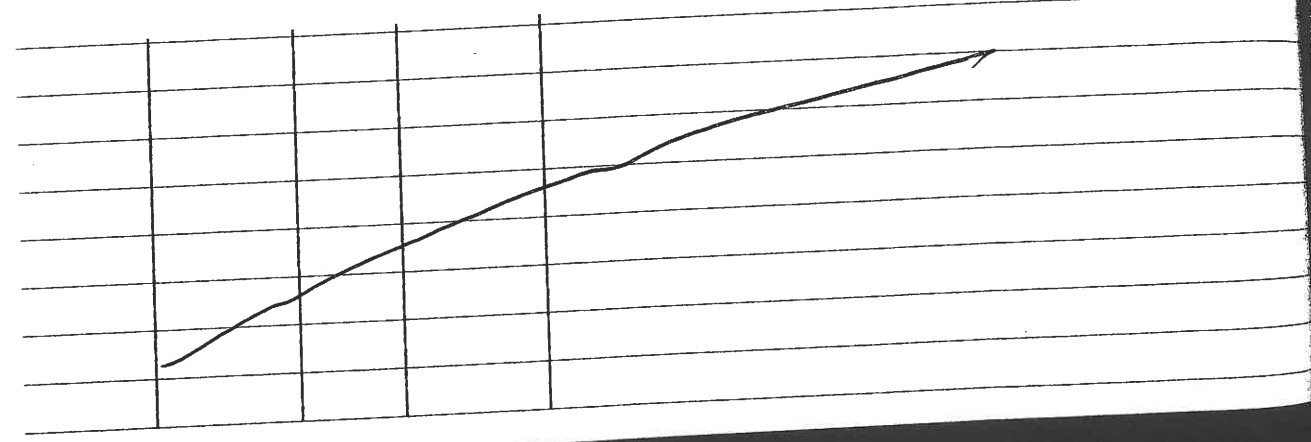
**Maintenance Release**  
 The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA.145.5424 under Work Order No. 6272-02-2017, Dated 02 March, 2017.

DATE: 02 March, 2017

SIGNED: *Doug Mall*

Work Order: 6272-02-2017  
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Doug Mall  
 Certified Repair Station No. NF2R029L



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**Travel Express Aviation Maintenance, Inc.**

DuPage Airport, West Chicago, IL 60185

Date: 3/3/2017 Aircraft: N313DG Model: Cirrus SR22 Serial: 1592 Invoice: 7881

AFTT: 1304.1 Eng TT: 1304.1 Prop TT: 1304.1 Alt/Static/Xpdr: 05/2016  
Hobbs: 1304.1 Eng TSO: N/A Prop TSO: N/A ELT Batt: 12/2025

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.

- Accomplished ELT Inspection in accordance with FAR 91.207, (d), 1, 2, 3 and 4. Next due 03/2018.
- Removed and replaced ELT batteries with new Duracell D-cell batteries P/N MN1300. Due 03/2018.
- Removed and replaced induction air filter with new P/N BA-24 and safetied. Next due 03/2018 or Hobbs 1504.0.
- Removed #2 batteries and replaced with new P/N 50979-001. Next due 03/2019 or Hobbs 1804.0.
- Removed fire extinguisher and replaced with new P/N A344, S/N B-78359936.
- Removed reefing line cutters P/N 26707-101, S/N 0837, 0883 and replaced with new S/N 10607, 10611 mfg. 01/2017. Replacement due 01/2023.
- Complied with SB2X-52-08R2, eff. 4/22/16, Catcher/Diverter and Gas Strut Rod End Replacement by installing kit P/N 70544-001.
- Oxygen tank depleted; system placarded inoperative.
- Fabricated RH wing to strut fairing bracket and installed.
- Secured spacers to #2 battery box using epoxy. Removed mounting screws, cut to correct length and reinstalled.
- Removed TKS line olives and o-rings and replaced with new olives P/N 15164-022B, and new o-rings 15164-092B, -091B.
- Removed nose landing gear Belleville washers and replaced with new P/N 50750-101 using new washer P/N NAS1149F0863P. Adjusted swiveling tension and safetied nut.
- Adjusted aileron cables to Cirrus MM specifications and secured with turnbuckle clips P/N MS21256-2, -1 and MS524665-1. Set cable tensions and stops to Cirrus MM specifications.
- Adjusted LH and RH flaps.
- Removed fuel injectors, sonic cleaned and reinstalled using new: o-rings P/N 630979-9, gaskets P/N X1473, 640612.
- Removed LH exhaust, cleaned slip joints, applied anti-seize and reinstalled.

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**Travel Express Aviation Maintenance, Inc.**

DuPage Airport, West Chicago, IL 60185

Date: 3/3/2017 Aircraft: N313DG Model: Cirrus SR22 Serial: 1592 Invoice: 7881

- Removed LH exhaust, cleaned slip joints, applied anti-seize and reinstalled.
- The current status of applicable ADs checked through 2017-03:
  - o Complied with AD 93-05-06, eff. 4/29/93, ACS Ignition Switches by test. Lubrication due at Hobbs 2000.0.

CONTINUED

The aircraft engine was run and determined to have satisfactory performance in accordance with the manufacturer's recommendations. [FAR 43.15, (2) (i) (ii) (iii) and (iv)] I certify that this AIRFRAME has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.

Mark Palazzo, AP 32017121A

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