

Installed Equipment

Item	Manufacturer	Model	Serial Number
Engine	Continental Motors	IO-550-N	689988 689978
Engine			
Propeller	Hartzell Propellers Inc	PHC-J3YF-1RF	FP5272B
Propeller			
Engine			
Engine			
Propeller			
Propeller			
Engine			
Engine			
Propeller			
Propeller			
Engine			
Engine			
Propeller			
Propeller			
Engine			
Engine			
Propeller			
Propeller			
Engine			
Engine			
Propeller			
Propeller			
Engine			
Engine			
Propeller			
Propeller			

MAKE: Cirrus
 MODEL: SR22
 S/N: 2288
 REG. NO: N335A
 WORK ORDER: 1091

Advanced Aircraft Services LP
 500 Airport Rd. Suite D
 Lititz, PA 17543
 Phone: 717-735-5179

DATE: 10/21/2009
 A/C TSN: 841.1
 HOBBS: 810.5

Airframe Entries

Installed Reiff engine pre-heat system as per manufactures installation instructions.... Serviced the TKS system to specs.... Adjusted the A/O/S scat tubing to prevent vacuuming of the oil from engine.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 1091, Dated 10/21/2009.

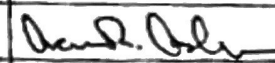
DATE: 10/21/2009

SIGNED: 
 James J. Mazzapato, A&P: 2699478

Work Order: 1091

Printed by EBis 3 (datcomedia.com)

Airworthiness Directive / Factory Bulletin Compliance Record

A.D./ Bull #	Item affected	Date & Hrs. at Comp	Method of Comp.	Type of A.D. 1 Time / Recur.	Next Comp. Date/Hrs	Authorized Signature Cert. Number
12/18/06	6.5	Searched AD's through bi-weekly issue <u>2006-25</u> . All AD's are in compliance at this time.				 AP2269092



LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC.

MANUFACTURER Cirrus	Date 6/1/2007
Model: SR22	W.O.: M070606
S/N: 2288	ACTT: 90.2
Reg #: N335A	Flight Hours:

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Complied with SB A2X-95-10 R2, CAPS Pick-up Collar Support Replacement, I/A/W accomplishment instructions. Installed Kit P/N 70181-001.

Signed: 

Print: John T. Gardner

Certificate # AP226987565JA

for
COMMONWEALTH AVIATION SERVICE, INC.

Altimeter & Static System Checks F.A.R. 91.411

Date	Manufacturer	Model	Serial Number	Location	Max Alt	Recheck required	Approved By: Agency Cert. No.
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I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 25,000 FEET ON 11/29/06

Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83726324

Encoder: Model ACK P/N A-30 S/N 103714

Altimeter: Mfg Avidyne

(PFD) 15222-005 S/N 2011416

Mfg United P/N 12731-003 S/N 458830

CDC Quality Assurance [Signature] on 11/29/06

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

CIRRUS BR22 N335A

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	<u>AVIDYNE</u>	<u>18,000FT.</u>
#2 ALTIMETER	<u>UNITED</u>	<u>18,000FT.</u>
ENCODER(S)	<u>ACK</u>	<u>18,000FT.</u>
STATIC SYSTEM TEST DATE	<u>11-3-08</u>	
SIGN <u>Richard P. Stetter</u>	DATE <u>11-3-08</u>	

LANCASTER AVIONICS INC

CRS # LN7R261N

CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	<u>GTX 327</u>
#2 TRANSP	<u>N/A</u>
SIGN <u>Richard P. Stetter</u>	DATE <u>11-3-08</u>

Altimeter & Static System Checks F.A.R. 91.411

Date	Manufacturer	Model	Serial Number	Location	Max Alt	Recheck required	Approved By: Agency Cert. No.
------	--------------	-------	---------------	----------	---------	------------------	-------------------------------

8-16-10 CIRRUS SR22 N335A HOBBS=1018.5
 ADJUSTED BAROMETRIC SCALE OF UNITED ALTIMETER,
 P/N 5934D-3A-258G, S/N 458830. ADJUSTED ALTITUDE
 ENCODER, A.C.K. A-30, S/N 103714. ALL WORK WAS
 PERFORMED I.A.W. THE MANUFACTURERS' INSTRUCTIONS
 AND FAR 91.411 AND PART 43 APPENDIX "E" END

LANCASTER AVIONICS INC
 LANCASTER AIRPORT
 LITITZ, PA 17543
 DATE 8-16-10

CERTIFICATE NO. LN7R261N
 SIGNED *Richard H. Staller*

<p>CIRRUS SR22 N335A LANCASTER AVIONICS INC. CRS # LN7R261N I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E UNIT TYPE TESTED TO #1 ALTIMETER AVIDYNE 18,000' #2 ALTIMETER UNITED 18,000' ENCODER(S) A.C.K. 18,000'</p>	<p>HOBBS=1018.5 LANCASTER AVIONICS INC CRS # LN7R261N I CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/AW FAR 43 APPENDIX F UNIT TYPE #1 TRANSP GTX 327 #2 TRANSP N/A</p>
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LANCASTER AVIONICS, INC

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

Customer: KDH DEFENSE SYSTEMS, INC.		Aircraft Type: CIRRUS SR22		N#: N335A	
Altimeter Manufacturer: AVIDYNE	Part Number: EXP5000	Serial Number: 20330305	Test Celling: 18,000	Pilot Up/Down/Diff	Co-Pilot Up/Down/Diff
Co-Pilot: UNITED	5934D-3A-258G	458830	System Leak: 30 FPM		
Encoder: ACK	A-30	103714	Hysteresis: 50%: 9,000	N/A	-20
			40%: 7,200		+10 +35
			After Effect: 0		-5 +25 +30
					0 +20

Error	Pilot	Co-Pilot	Tol	Encoder 125'	Friction
zero	+10	-10	20	N/A	-935
500	+10	0	20	-30	70
1000	+10	+10	20	465	565
1500	+10	+10	25	960	1060
2000	+10	+15	30	1465	1565
3000	+10	+20	30	1965	2060
4000	+10	+20	30	2465	3060
6000	+10	+5	35	3965	4065
8000	+10	+5	40	5465	6065
10000	+5	-20	80	7965	8065
12000	0	-20	80	9470	10565
14000	0	-30	90	11970	12070
16000	0	-15	110	13970	14075
18000	0	0	120	15975	16075
20000			130	17980	18080
22000			140		
25000			155		
30000			180		
35000			205		
40000			230		
45000			255		
50000			280		

	Pressure - Alt Diff. Tol +/- 25		
	Pilot	Tol	Co-Pilot
28.10"	-1725	-1727	-1725
28.50"	-1340	-1340	-1340
29.00"	-850	-883	-855
29.50"	-380	-382	-390
29.92"	+10	zero	+10
30.50"	540	+531	535
30.90"	905	+883	895
30.99"	985	+874	985

Pilot Altimeter	PASS	FAIL
Co-Pilot Altimeter	X	
Encoder	X	

Technician: *Richard H. Staller*
 Date: 8-16-10

(717) 569-1953 Phone
 (717) 569-1722 Fax

Lancaster Avionics Inc.
 500-U Airport Rd
 Lititz, PA 17543

CRS# LN7R261N

N335A SR22 hobs 2223.4 FT. 1903.1
LANCASTER AVIONICS INC. CRS # LN7R261N LANCASTER AVIONICS INC
CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND
STATIC SYSTEM TESTS REQUIRED BY FAR 91.411
HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
# 1 ALTIMETER	Avidyne	18,000
# 2 ALTIMETER	United	18,000
ENCODER (S)	Acc	18,000
STATIC SYSTEM TEST DATE		6-14-16
SIGN <i>[Signature]</i>		DATE 6-14-16

I CERTIFY THAT THE TRANSPONDER (S)
TEST REQUIRED BY FAR 91.413 HAS BEEN
PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	GTX 327
# 2 TRANSP	N/A
SIGN <i>[Signature]</i>	
DATE	6-14-16

N335A SR22
LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND
STATIC SYSTEM TESTS REQUIRED BY FAR 91.411
HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
# 1 ALTIMETER	Avidyne	18,000
# 2 ALTIMETER	United	18,000
ENCODER (S)	Acc	18,000
STATIC SYSTEM TEST DATE		6-18-18
SIGN <i>[Signature]</i>		DATE 6-18-18

hobs: 2446.0 FT. 2277.5
LANCASTER AVIONICS INC

CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S)
TEST REQUIRED BY FAR 91.413 HAS BEEN
PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	GTX 327
# 2 TRANSP	N/A
SIGN <i>[Signature]</i>	
DATE	6-18-18

ADVANCED

530 AIRPORT RD
LITIZ, PA 17543
717-735-5179

CRS# 5T2R901C

Part No.	QTY	DESCRIPTION
...

INCV

ADVANCED

530 Airport rd Litiz, PA 17543
CRS# 5T2R901C

Aircraft Reg:	N335A
Work Order:	7079
Altitude Tested to:	20,000
Date Tested:	2/14/2020

I certify that the ATC transponder tests and inspections required by FAR 91.413, and data correspondence between automatically reported pressure altitude data and the pilot's altitude reference required by FAR 91.217 have been found to be within the specified limits of CFR 43 appendices F, up to the specified altitude. Next certification is due: 02/28/2022, or when otherwise required.

Transponder:	Make: Garmin	Model: GTX335	S/N: 3EE020283
Encoder:	Make: ACK	Model: A-30	S/N: 103714
PFD:	Make: Avidyne	Model: EXP5000	S/N: 20330305
Altimeter:	Make: United	Model: 5934AD-3	S/N: 458830

Signature: *[Signature]*
Date: 14-Feb-20
Form Number: FA17
Revision Number: Original
Revision Date: 9/22/2016

ADVANCED

530 Airport rd Litiz, PA 17543
CRS# 5T2R901C

Aircraft Reg:	N335A
Work Order:	7079
Altitude Tested to:	20,000
Date Tested:	2/14/2020

I certify that the altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411 and data correspondence between automatically reported pressure altitude data and the pilot's altitude reference required by FAR 91.217 have been found to be within the specified limits of CFR 43 appendices E, up to the specified altitude. Next certification is due: 02/28/2022, or when otherwise required.

Transponder:	Make: Garmin	Model: GTX335	S/N: 3EE020283
Encoder:	Make: ACK	Model: A-30	S/N: 103714
PFD:	Make: Avidyne	Model: EXP5000	S/N: 20330305
Altimeter:	Make: United	Model: 5934AD-3	S/N: 458830

Signature: *[Signature]*
Date: 14-Feb-20
Form Number: FA18
Revision Number: Original
Revision Date: 9/22/2016

Appendix E to Part 43—Altimeter System Test and Inspection

1. Name of the System: **ALTIMETER SYSTEM**

2. Name of the Pilot: **[Signature]**

3. Name of the Inspector: **[Signature]**

4. Name of the Station: **[Signature]**

5. Name of the Aircraft: **N335A**

6. Name of the Owner: **[Signature]**

7. Name of the Operator: **[Signature]**

8. Name of the Pilot: **[Signature]**

9. Name of the Inspector: **[Signature]**

10. Name of the Station: **[Signature]**

11. Name of the Aircraft: **N335A**

12. Name of the Owner: **[Signature]**

13. Name of the Operator: **[Signature]**

14. Name of the Pilot: **[Signature]**

15. Name of the Inspector: **[Signature]**

16. Name of the Station: **[Signature]**

17. Name of the Aircraft: **N335A**

18. Name of the Owner: **[Signature]**

19. Name of the Operator: **[Signature]**

20. Name of the Pilot: **[Signature]**

21. Name of the Inspector: **[Signature]**

22. Name of the Station: **[Signature]**

23. Name of the Aircraft: **N335A**

24. Name of the Owner: **[Signature]**

25. Name of the Operator: **[Signature]**

26. Name of the Pilot: **[Signature]**

27. Name of the Inspector: **[Signature]**

28. Name of the Station: **[Signature]**

29. Name of the Aircraft: **N335A**

30. Name of the Owner: **[Signature]**

31. Name of the Operator: **[Signature]**

32. Name of the Pilot: **[Signature]**

33. Name of the Inspector: **[Signature]**

34. Name of the Station: **[Signature]**

35. Name of the Aircraft: **N335A**

36. Name of the Owner: **[Signature]**

37. Name of the Operator: **[Signature]**

38. Name of the Pilot: **[Signature]**

39. Name of the Inspector: **[Signature]**

40. Name of the Station: **[Signature]**

41. Name of the Aircraft: **N335A**

42. Name of the Owner: **[Signature]**

43. Name of the Operator: **[Signature]**

44. Name of the Pilot: **[Signature]**

45. Name of the Inspector: **[Signature]**

46. Name of the Station: **[Signature]**

47. Name of the Aircraft: **N335A**

48. Name of the Owner: **[Signature]**

49. Name of the Operator: **[Signature]**

50. Name of the Pilot: **[Signature]**

51. Name of the Inspector: **[Signature]**

52. Name of the Station: **[Signature]**

53. Name of the Aircraft: **N335A**

54. Name of the Owner: **[Signature]**

55. Name of the Operator: **[Signature]**

56. Name of the Pilot: **[Signature]**

57. Name of the Inspector: **[Signature]**

58. Name of the Station: **[Signature]**

59. Name of the Aircraft: **N335A**

60. Name of the Owner: **[Signature]**

61. Name of the Operator: **[Signature]**

62. Name of the Pilot: **[Signature]**

63. Name of the Inspector: **[Signature]**

64. Name of the Station: **[Signature]**

65. Name of the Aircraft: **N335A**

66. Name of the Owner: **[Signature]**

67. Name of the Operator: **[Signature]**

68. Name of the Pilot: **[Signature]**

69. Name of the Inspector: **[Signature]**

70. Name of the Station: **[Signature]**

71. Name of the Aircraft: **N335A**

72. Name of the Owner: **[Signature]**

73. Name of the Operator: **[Signature]**

74. Name of the Pilot: **[Signature]**

75. Name of the Inspector: **[Signature]**

76. Name of the Station: **[Signature]**

77. Name of the Aircraft: **N335A**

78. Name of the Owner: **[Signature]**

79. Name of the Operator: **[Signature]**

80. Name of the Pilot: **[Signature]**

81. Name of the Inspector: **[Signature]**

82. Name of the Station: **[Signature]**

83. Name of the Aircraft: **N335A**

84. Name of the Owner: **[Signature]**

85. Name of the Operator: **[Signature]**

86. Name of the Pilot: **[Signature]**

87. Name of the Inspector: **[Signature]**

88. Name of the Station: **[Signature]**

89. Name of the Aircraft: **N335A**

90. Name of the Owner: **[Signature]**

91. Name of the Operator: **[Signature]**

92. Name of the Pilot: **[Signature]**

93. Name of the Inspector: **[Signature]**

94. Name of the Station: **[Signature]**

95. Name of the Aircraft: **N335A**

96. Name of the Owner: **[Signature]**

97. Name of the Operator: **[Signature]**

98. Name of the Pilot: **[Signature]**

99. Name of the Inspector: **[Signature]**

100. Name of the Station: **[Signature]**

Appendix F to Part 43—ATC Transponder Tests and Inspections

1. Name of the System: **ATC TRANSPONDER SYSTEM**

2. Name of the Pilot: **[Signature]**

3. Name of the Inspector: **[Signature]**

4. Name of the Station: **[Signature]**

5. Name of the Aircraft: **N335A**

6. Name of the Owner: **[Signature]**

7. Name of the Operator: **[Signature]**

8. Name of the Pilot: **[Signature]**

9. Name of the Inspector: **[Signature]**

10. Name of the Station: **[Signature]**

11. Name of the Aircraft: **N335A**

12. Name of the Owner: **[Signature]**

13. Name of the Operator: **[Signature]**

14. Name of the Pilot: **[Signature]**

15. Name of the Inspector: **[Signature]**

16. Name of the Station: **[Signature]**

17. Name of the Aircraft: **N335A**

18. Name of the Owner: **[Signature]**

19. Name of the Operator: **[Signature]**

20. Name of the Pilot: **[Signature]**

21. Name of the Inspector: **[Signature]**

22. Name of the Station: **[Signature]**

23. Name of the Aircraft: **N335A**

24. Name of the Owner: **[Signature]**

25. Name of the Operator: **[Signature]**

26. Name of the Pilot: **[Signature]**

27. Name of the Inspector: **[Signature]**

28. Name of the Station: **[Signature]**

29. Name of the Aircraft: **N335A**

30. Name of the Owner: **[Signature]**

31. Name of the Operator: **[Signature]**

32. Name of the Pilot: **[Signature]**

33. Name of the Inspector: **[Signature]**

34. Name of the Station: **[Signature]**

35. Name of the Aircraft: **N335A**

36. Name of the Owner: **[Signature]**

37. Name of the Operator: **[Signature]**

38. Name of the Pilot: **[Signature]**

39. Name of the Inspector: **[Signature]**

40. Name of the Station: **[Signature]**

41. Name of the Aircraft: **N335A**

42. Name of the Owner: **[Signature]**

43. Name of the Operator: **[Signature]**

44. Name of the Pilot: **[Signature]**

45. Name of the Inspector: **[Signature]**

46. Name of the Station: **[Signature]**

47. Name of the Aircraft: **N335A**

48. Name of the Owner: **[Signature]**

49. Name of the Operator: **[Signature]**

50. Name of the Pilot: **[Signature]**

51. Name of the Inspector: **[Signature]**

52. Name of the Station: **[Signature]**

53. Name of the Aircraft: **N335A**

54. Name of the Owner: **[Signature]**

55. Name of the Operator: **[Signature]**

56. Name of the Pilot: **[Signature]**

57. Name of the Inspector: **[Signature]**

58. Name of the Station: **[Signature]**

59. Name of the Aircraft: **N335A**

60. Name of the Owner: **[Signature]**

61. Name of the Operator: **[Signature]**

62. Name of the Pilot: **[Signature]**

63. Name of the Inspector: **[Signature]**

64. Name of the Station: **[Signature]**

65. Name of the Aircraft: **N335A**

66. Name of the Owner: **[Signature]**

67. Name of the Operator: **[Signature]**

68. Name of the Pilot: **[Signature]**

69. Name of the Inspector: **[Signature]**

70. Name of the Station: **[Signature]**

71. Name of the Aircraft: **N335A**

72. Name of the Owner: **[Signature]**

73. Name of the Operator: **[Signature]**

74. Name of the Pilot: **[Signature]**

75. Name of the Inspector: **[Signature]**

76. Name of the Station: **[Signature]**

77. Name of the Aircraft: **N335A**

78. Name of the Owner: **[Signature]**

79. Name of the Operator: **[Signature]**

80. Name of the Pilot: **[Signature]**

81. Name of the Inspector: **[Signature]**

82. Name of the Station: **[Signature]**

83. Name of the Aircraft: **N335A**

84. Name of the Owner: **[Signature]**

85. Name of the Operator: **[Signature]**

86. Name of the Pilot: **[Signature]**

87. Name of the Inspector: **[Signature]**

88. Name of the Station: **[Signature]**

89. Name of the Aircraft: **N335A**

90. Name of the Owner: **[Signature]**

91. Name of the Operator: **[Signature]**

92. Name of the Pilot: **[Signature]**

93. Name of the Inspector: **[Signature]**

94. Name of the Station: **[Signature]**

95. Name of the Aircraft: **N335A**

96. Name of the Owner: **[Signature]**

97. Name of the Operator: **[Signature]**

98. Name of the Pilot: **[Signature]**

99. Name of the Inspector: **[Signature]**

100. Name of the Station: **[Signature]**

Airborne Avionics **CRS # V3QR738Y**
1291 Runway Rd Winnsboro SC 29180

Work Order 4366 N 335A Tested to 20,000

Unit	Position	Make	Model	Serial Number
Altimeter #1	PFD	Avidyne	EXP5000	20330305
Altimeter #2	Standby	United	5934AD-3	458830
Altimeter #3	N/A			
Transponder #1	XXXXX	Garmin	GTX335	3EE020283
Transponder #2	XXXXX	N/A		

I certify that this aircraft with the equipment listed above has been inspected and found to meet the requirements of FAR 43 App. E and F.

Signature: *[Signature]* Date: 3/1/2022



LANCASTER AVIONICS, INC

Static, Altimeter (3), Encoder Evaluation Per FAR 91.411 - FAR 43, Appendix 'E'

Date

Customer: <u>Altimeter Aircraft</u>				Aircraft Type: <u>Cirrus</u>		NF: <u>335A</u>	
Altitude	Manufacturer	Part Number	Serial Number	Test Alt	Pilot	Stby	Co-Pilot
Pilot	<u>Avidyne</u>	<u>700-00006-000</u>	<u>2033135</u>	<u>20,000</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
Standby	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	System Leak			
Co-Pilot	<u>Wanted</u>	<u>5834AD-3</u>	<u>458830</u>	Hysteresis	<u>NA</u>	<u>NA</u>	<u>NA</u>
Encoder	<u>ACK</u>	<u>A-30</u>	<u>113714</u>	40%	<u>0</u>	<u>0</u>	<u>0</u>
				After Effect	<u>0</u>	<u>0</u>	<u>0</u>

Error	Pilot	Standby	Co-Pilot	Tol	Encoder 125'	Friction
-1000	-10	NA	-10	20	NA	-960
zero	-10		-10	20	-60	760
500	-10		-10	20	460	550
1000	-10		-10	20	850	1150
1500	-10		-10	25	1450	1550
2000	-10		-10	30	1950	2050
3000	-10		-10	30	2850	3050
4000	-10		-10	35	3950	4050
6000	-10		-10	40	5950	6050
8000	-20		-20	60	7950	8050
10000	-20		-20	80	9950	10050
12000	-20		-20	90	11950	12050
14000	-20		-20	100	14950	15050
18000	-20		-20	110	18950	19050
18000	-20		-20	120	18940	18940
20000	-30		-30	130	19940	20050
22000				140		
25000				155		
30000				180		
35000				205		
40000				230		
45000				255		
50000				280		

Pressure - Alt Diff	Tol	+25
28 10"	-1220	NA
28 50"	-1330	-1330
29 00"	-860	-860
29 50"	-385	-385
29 92"	0	0
30 50"	540	540
30 90"	960	960
30 99"	975	975

Pilot Altimeter	PASS	FAIL	Technician <u>James Good</u> (Signature) Date <u>7-27-2012</u>
Standby Altimeter	X		
Co-Pilot Altimeter	X		
Encoder	X		

Next Check Due

Checked By: Signature Cert. No.

553.1 FA/1190.3
 Altitude sensor static hose was PF259-N plastic by altimeter. Pilot/Static panel. Retested all meter scale errors. 000'. All work was done in accordance with FAR 91.411
LANCASTER AVIONICS INC
 500-U AIRPORT ROAD
 LITITZ, PA 17543
 7-2012
 NO. LN7R261N

FLT Time: 1190.3

LANCASTER AVIONICS INC
 # LN7R261N

(717)569-1853 Phone
 (717)569-1722 Fax

Lancaster Avionics Inc.
 500-U Airport Rd.
 Lititz, PA 17543

www.lancasteravionics.com
 CRS# LN7R261N

STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	<u>Avidyne PFD</u>	<u>20,000</u>
#2 ALTIMETER	<u>Wanted Inst.</u>	<u>20,000</u>
ENCODER (S)	<u>ACK A-30</u>	
STATIC SYSTEM TEST DATE	<u>7/27/12</u>	
SIGN	<u>James Good</u>	DATE <u>7/27/12</u>

CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	<u>Garmin GTX327</u>
#2 TRANSP	<u>N/A</u>
SIGN	<u>Mark J. Good</u>
DATE	<u>7/27/12</u>

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 3222 22-May-2013 WO# 18122/1 AC TT 1659.4 HOBBS 1659.4
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22
 FLIGHT TIME 1397.2

**** ITEM # 18122-1 REPAIR AVIDYNE MFD ****

DISCREPANCY: MFD DISPLAY WENT BLANK FOR 3- 4 MIN. THEN CAME BACK ON WITH NUMEROUS ERROR MESSAGES.
 Model: EXP5000 Serial#: 20330305

ACTION: OPS CHECKED MFD OPERATION IN AIRCRAFT. COULD NOT DUPLICATE REPORTED MALFUNCTION. CHECKED AND INSPECTED MFD WIRING HARNESS. WIRING HARNESS CHECKS GOOD. MFD OPERATION RAMP CHECKS GOOD.

James Good

CRS# LN7R261N JAMES GOOD


Radio Electronic Checks

Date	Total Time	Equipment Checked	Type of Check	Error or Results	Next Check Due	Checked By: Signature Cert. No.
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 3287 01-August-2013 WO# 18255/1 AC TT 1674.9 HOBBS 1674.9
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22
 FLIGHT TIME 1410.3

Pg 1 / 1

**** ITEM # 18255-1 REPAIR EX5000 MFD ****
 DISCREPANCY: MFD DISPLAY BLANK.
 Model: EX5000 Part#: 700-00004-008 Serial#: 20128416
 ACTION: RAMP CHECKED AND CONFIRMED FAULT. REMOVED EX5000 MFD, S/N 20128416 FOR AVIDYNE FACTORY REPAIR.
 REINSTALLED REPAIRED EX5000 MFD IN AIRCRAFT. PERFORMED CONFIG SETUP, RAMP CHECKS GOOD. WORK PERFORMED I.A.W. AVIDYNE & CIRRUS SR22 MAINTENANCE MANUALS.


 CRS# LN7R261N SCOTT KUHNS

CIRRUS SR22 N335A FLIGHT=1519.2 HOBBS=1919.5

LANCASTER AVIONICS INC. CRS # LN7R261N
 CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	AVIDYNE	25,000'
#2 ALTIMETER	UNITED	25,000'
ENCODER(S)	A.C.K.	25,000'

STATIC SYSTEM TEST DATE 7-29-14
 SIGN Richard A. Statta DATE 7-29-14

LANCASTER AVIONICS INC. CRS # LN7R261N
 CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/AW FAR 43 APPENDIX F


UNIT	TYPE
#1 TRANSP	GTX327
#2 TRANSP	N/A

SIGN Richard A. Statta
 DATE 7-29-14

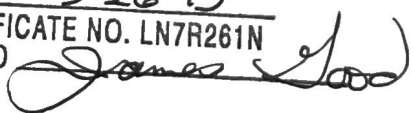
LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 3643 22-October-2014 WO# 19378/1 AC TT 1984.5 HOBBS 1984.5
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22
 FLIGHT TIME 1689.4

Pg 1 / 1

**** ITEM # 19378-1 STATIC NOISE IN REAR HEADSET ****
 DISCREPANCY: STATIC NOISE IN REAR HEADSET.
 ACTION: OPS CHECKED AND CONFIRMED FAULT. CLEANED MIC AND PHONE JACKS ON ALL STATIONS. CLEANED MIC AND PHONE PLUGS ON DAVID-CLARK HEADSET. FINAL CHECKS GOOD.


 CRS# LN7R261N SCOTT KUHNS

3-26-15 Hobbs: 2023.5
 FLIGHT: 1611.9 + 112.2
 CIRRUS SR 22 N 335A
 REPAIR XM WEATHER DATA INP by
 CREATING valid USER ACCOUNT and REFRESH
 XM DATA RECEIVER and VERIFY correct operation
 REF. wlo 19742

LANCASTER AVIONICS INC
 LANCASTER AIRPORT
 LITITZ, PA 17543
 DATE 3-26-15
 CERTIFICATE NO. LN7R261N
 SIGNED 

Maintenance Record F.A.R. 43.9

Date of comp.	Aircraft Time in service	Description of Work Performed or Approved Data Used	Agency & Certificate No. work performed / returned to service
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Date: 01/04/07 **Flight hours** 12.0 **Hobbs Time** 17.2 Hrs **Cirrus SR22 S/N** 2288 **Registration #** N335A

1. Aircraft shimmy's on landing and take-offs. Performed nose landing gear Inspection check IAW Cirrus Sr-22 maintenance manual Ch 32-20. Tightened Nose landing gear spindle nut to achieve 25lbs of turning force. Installed cotter pin at spindle nut. Reinstalled nose landing gear fairing.

The Maintenance Operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed; this aircraft is approved for return to service.

Bernard K. Tibbetts A&P 2698743

Bernard K. Tibbetts

Date: 02/08/07 **Hobbs Time:** 19.7 Hrs: **Flt Hours:** 13.2 Hrs **Cirrus SR22 S/N** 2288 **Registration #** N335A

1. Complied with Avidyne Service Bulletin #601-00004-074 EX5000 software upgrade. 530-00180-100 software Rev 00 upgraded to 530-00180-100 Rev 03. Performed setup and checkout procedures using MFD installation manual to verify proper operation of the MFD.

The Maintenance Operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed; this aircraft is approved for return to service.

Bernard K. Tibbetts A&P 2698743

Bernard K. Tibbetts

Date: 6/12/07 **Hobbs Time** 105.1Hrs **Flight Hrs** 84.3 **Cirrus SR22 S/N** 2288 **Registration #** N335A

1. Completed 50 hour Inspection in accordance with Cirrus SR22 Maintenance Manual chapter 5-20, 5-30, and TCM instructions.
2. Drained engine oil, removed and cut oil filter, inspected for debris - none found, replaced filter P/N CH48108-1 and serviced with 7 qts Aeroshell 15W50 oil.
3. Removed, cleaned, & inspected gascolator screen.
4. Inspected all engine hoses, lines, wires, accessories, baffling, mounts & hardware, all engine control systems for proper attachment, security, and proper operation.
5. Inspected brakes. No discrepancies found.
6. Cleaned engine and leak check performed with no leaks.

I certify this Aircraft has been inspected in accordance with 50 hour inspection and was determined to be in airworthy condition.

Bernard K. Tibbetts A&P 2698743

Bernard K. Tibbetts

Maintenance Record F.A.R. 43.9

Date of comp.	Aircraft Time in service	Description of Work Performed or Approved Data Used	Agency & Certificate No. w performed / returned to service
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Date: 7/23/07 **Hobbs Time** 156.0Hrs **Flight Hrs** 103.1 **Cirrus SR22 S/N** 2288 **Registration #** N335A

1. Completed 50 hour Inspection in accordance with Cirrus SR22 Maintenance Manual chapter 5-20, 5-30, and TCM instructions.
2. Drained engine oil, removed and cut oil filter, inspected for debris - none found, replaced filter P/N CH48108-1 and serviced with 7 qts Aeroshell 15W50 oil.
3. Removed, cleaned, & inspected gascolator screen.
4. Inspected all engine hoses, lines, wires, accessories, baffling, mounts & hardware, all engine control systems for proper attachment, security, and proper operation.
5. Inspected brakes. No discrepancies found.
6. Cleaned engine and leak check performed with no leaks.

I certify this Aircraft has been inspected in accordance with 50 hour inspection and was determined to be in airworthy condition.

Bernard K. Tibbetts A&P 2698743

Bernard K. Tibbetts

8-17-07	202.5	R&R FLIGHT TIMER w/NEW P/N 50485-001 REF W/O 0709-3 Ref. JM SETH CRS N64R483Y REMOVAL TIME 112.2 - END -	
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AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Hobbs: 259.4	W/O: 0709-8	Date: 9/14/07
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Flight: 43.8

- 1) Completed Cirrus 50 Hr. Insp Items IAW MM
- 2) Changed oil, 15w50, and Filter, CH48108-1. Run up and leak ck ok IAW MM

*I certify the above, described maintenance is airworthy and approved for return to service.
See Work Order referenced for additional details.*

Signature: *V. J. Wether* Certificate: CRS # N64R483Y

Maintenance Record F.A.R. 43.9

Date of comp.	Aircraft Time in service	Description of Work Performed or Approved Data Used	Agency & Certificate No. work performed / returned to service
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A/F



mtt AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A SR22, S/N 2288	Time: 145.6 Flight	W/O: 0711-1	Date: 11-5-2007
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Installed Airwolf Filter Corp. air/oil separator kit P/N AFC-W347-A IAW STC SA02268CH. R&R LH Nav. Light filament w/new.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: *[Signature]* Certificate: CRS # N64R483Y



mtt AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Hobbs: 381.4 Flight: 161.7	W/O: 0711-3	Date: 7/14/2007
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Performed Adjustment/Test Nose Wheel Fork Assembly IAW MM 32-20

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: *[Signature]* Certificate: CRS # N64R483Y



mtt AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A SR22, S/N 2288	Time: TT 306.9 Flight Hobbs: 194.7, Hobbs: 424.4	W/O: 0712-4	Date: 12-14-2007
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Performed Annual Inspection IAW Cirrus Inspection guide 05-20. AD's C/W thru 2007-24 Biweekly. Compliance record provided in aircraft logs. AD 2007-14-03 (CAPS pick up collar) PCW on 6-1-07 @ 90.2 IAW Cirrus SB A2X-95-10-R2. C/W ELT inspection and test IAW 91.207D, battery expires 03/2013. C/W SA 06-06 MCU scheduled maintenance. Serviced TKS reservoir. R&R LH & RH main tires w/new Goodyear Flight Custom III 15x6x6. R&R LH & RH brake caliper o-rings w/new M8346/1-222. R&R co-pilot map light socket w/new. R&R flight timer switch w/new 14128-001. R&R LH & RH entry step anti-slip treads w/new. R&R induction air filter element w/new BA-24. Serviced gascolator fuel filter and bowl. Inspected engine mount weldment and lower attach fittings, verified torque. Inspected and weighed fire extinguisher. Serviced control quadrant. Performed inspection of roll trim cartridge. Bled and serviced brake system. R&R FWD RH baffling w/new 15487-004. Updated POH with latest revisions as of 12-14-07. Safety, FOD, leak and functional checks - good.

This Aircraft has been inspected in accordance with an Annual inspection and is approved for return to service. Further details are on file under work order referenced above.

Signature: *[Signature]* Certificate: CRS # N64R483Y

Maintenance Record F.A.R. 43.9

Date of comp.	Aircraft Time in service	Description of Work Performed or Approved Data Used	Agency & Certificate No. w/w performed / returned to service
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AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: 231.0 Flight	W/O: 0709-5	Date: 3/17/08
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SR22, S/N 2288 Hobbs 457.2/Flight 231.0
R&R S-TEC Autopilot Computer w/serviced unit. On: P/N 01192-34-61T-30, S/N 0611-9544, Off S/N 0640-10586.
Performed installation and adjustment and test IAW Cirrus M/M 22-11, page 3. Serviced TKS Reservoir w/1.5 Gal. TKS Fluid.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: [Signature] Certificate: CRS # N64R483Y



AVIATION SERVICES, INC.

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: 365.2 TT	W/O: 0803-14	Date: 3/31/2008
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SR22, S/N 2288, Flight Hobbs 253.0

C/W AD 2008-03-16, Amend. 39-15367 - effective date 3/11/2008 by installation of Rudder/Aileron Interconnect Kit # 70197-001 IAW Cirrus SB 2X-27-14 R3.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: [Signature] Certificate: CRS # N64R483Y



GRIFFING FLYING SERVICE, INC.

3115 CLEVELAND ROAD, SANDUSKY, OHIO
419-626-5161

5/16/2008 N335A HOBBS _____ TACH _____ ELT _____
TTAF _____ ALT/TRANSPONDER _____
INSTALLED NEW NOSE TIRE AND TUBE.

[Signature] AP282628026

Maintenance Record FAR 43.9
 Inspection Record F.A.R. 43.11-91.409

FA
 4. Organ

Date	Aircraft Time in service	WORK Performed. Kind of Inspection - Status & Discrepancy List Signature - Cert. No. of Person Approving or Dissapproving Aircraft for service
8/25/08		Removed #2 Garmin 430 SN 97131975 BMod # 689 From Rack. Installed New Garmin GNS 430 SN 97127204 PN 011-00280-10 OPS Check O.K. Flight Time 352.5 Hobbs 596.3 W. M. Kuhn A&P 2960804

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 1615 12-September-2008 WO# 13980 AC TT 598.5 HOBBS 598.5
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22

**** ITEM # 13980-1 REPAIR PFD - AVIDYNE WARRANTY ****
 DISCREPANCY: REPORTED: PFD X'D OUT. HAS MESSAGE, WILL NOT ALIGN, NO COMM WITH MAGNETOMETER.
 Model: EXP5000 Part#: 700-00006-000 Serial#: 20111416
 ACTION: 09/02/08 - OPS CHECKED AND VERIFIED FAULT. REMOVED FAULTY PFD, S/N 20111416 FROM AIRCRAFT AND ORDERED A WARRANTY EXCHANGE PFD.
 09/12/08 - INSTALLED WARRANTY EXCHANGE PFD, S/N 28513495. PERFORMED SETUP CONFIGS AND MAGNETOMETER CALIBRATION.

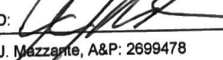
**** ITEM # 13980-2 UPDATE GNS430 SOFTWARE ****
 DISCREPANCY: UPDATE SOFTWARE ON BOTH GNS430'S.
 ACTION: UPDATED MAIN SOFTWARE FROM V5.01 TO V5.03. GPS SOFTWARE IS CURRENT AT V3.03.


 CRS# LN7R261N SCOTT KUHN Date 9/2/08

MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 762
 Advanced Aircraft Services LP 500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179
 DATE: 10/17/2008 A/C TSN: 499.6 HOBBS: 629.2

Airframe Entries
 Reworked the Air/oil separator by relocating the ram air tube and relocating the drain line to the push tube for better drain of oil.... Adjusted the prop governor to achieve 2650 max static RMP's.

Maintenance Release
 The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 762, Dated 10/17/2008.

DATE: 10/17/2008 SIGNED:  Work Order: 762
 James J. Mezzante, A&P: 2699478 Printed by EBIS 3 (datcomedia.com)

MAINTENANCE 43.9

Inspection Record F.A.R. 43.11-91.409

Aircraft
Time in
service

Kind of Inspection - Status & Discrepancy List Signature - Cert. No. of Person Approving
or Dissapproving Aircraft for service

11-3-08 CIRRUS SR22 N335A HOBBS = 658.4
UPGRADED SOFTWARE OF GARMIN, GTX327, S/N 83726324,
I.A.W. GARMIN S.B. #0809. ADJUSTED DATA CORRESPONDENCE
OF A.C.K. A-30 ENCODER, S/N 103714 TO CORRECT AN OUT
OF TOLERANCE CONDITION. OPERATIONAL TESTS OF THE
GTX327 TRANSPONDER AND A-30 ENCODER WERE PASSED.
ALL WORK WAS PERFORMED I.A.W. THE MANUFACTURERS'
INSTRUCTIONS, FAR 91.217, 91.413, FAR PART 43 APPENDIX E.
END

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543
DATE 11-3-08
CERTIFICATE NO. LN7R281N
SIGNED *Richard A. Stalter*

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER: 782

Advanced Aircraft Services LP

500 Airport Rd. Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 11/7/2008
A/C TSN: 518.5
HOBBS: 658.4

Airframe Entries

Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20.... C/W AD 08-06-28 R1 PFD Error.... C/W AD 08-14-13 Cabin Door Rod Ends.... Stop drilled crack. Fabricated, painted, and installed repair doubler.... Replaced the #1 top spark plug.... Replaced numerous wellnuts on the gear fairings.... Replaced the right caliper o-rings, inspected the caliper and replaced the thermal sticker.... Replaced the O/B/R wheel fairing bracket.... Replaced the #2 batteries.... Adjusted the prop de-ice tubes.... Resealed the parking brake valve.... Rebonded the glareshield seal.... Replaced the left muffler.... Replaced the ELT batteries.... Replaced the left and right brake linings.... Serviced the tires, serviced the battery, serviced the brake fluid, repacked all wheel bearings, cleaned and inspected the fuel gascolator screen, completed a light check, C/W FAR 91.207(d) ELT check. All AD's current thru 08-22.-END-

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 11/7/2008

SIGNED: *Richard A. Barnhart II*

Richard A. Barnhart II, IA: 3124994

Work Order: 782

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

**Agency &
Certificate No.
Work performed /
Required to service**

**Date
Com**

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER: 1012

Advanced Aircraft Services LP
500 Airport Rd. Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 7/30/2009
A/C TSN: 593.7
HOBBS: 755.5

Airframe Entries

Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20.... AD 07-14-03 PCW by SB on 6/1/07.... AD 08-03-16 Rudder-Aileron interconnect rigging/modification, PCW by SB.... AD 08-14-13 Cabin Door Rod Ends, PCW by SB.... AD 08-13-28 Prop Hub Lube Holes, N/A by design/part number.... AD 08-06-28 R1 PFD Error, N/A by S/N.... Rerigged the R/A interconnect circuit.... Replaced several wellnuts on the gear fairings.... Rotated both main tires.... Cleaned the Airwolf unit IAW ICA.... Replaced the worn exterior decals.... Replaced the nose tube. Cleaned and repacked all wheel bearings, Serviced all tires, Serviced the battery, serviced the brake fluid, completed a light check, C/W FAR 91.207 (d) ELT check. All AD's current thru 09-15.-END-

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 7/30/2009

SIGNED: 

Work Order: 1012

Richard A. Barnhart II, IA: 5124994

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ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 1091

Advanced Aircraft Services LP
500 Airport Rd. Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 10/21/2009
A/C TSN: 641.1
ENG TT: 641.1
HOBBS: 810.5

Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 1091, Dated 10/21/2009.

DATE: 10/21/2009

SIGNED: 

Work Order: 1091

James J. Mazzante, A&P: 2699478

Printed by EBis 3 (datcomedia.com)

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 2079 03-February-2010 WO# 15211
N335A S/N 2288 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

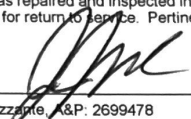
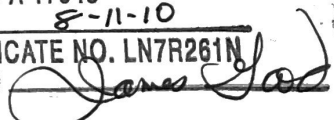
**** ITEM # 15211-1 EXCHANGE PFD - RELEASE-8 ****
DISCREPANCY: COMPLY WITH PHASE 1 OF RELEASE 8/DFC90 UPGRADE.
ACTION: COMPLIED WITH PHASE 1 OF RELEASE 8 UPGRADE - REMOVED AVIDYNE PFD S/N 28513495 (RETURNED PER RMA# 9009168) AND INSTALLED ADVANCED EXCHANGE AVIDYNE PFD S/N 20330305 WITH SOFTWARE VERSION 7.1.1. PERFORMED REQUIRED CALIBRATIONS AND CONFIGURATIONS AND STATIC LEAK CHECK.

**** ITEM # 15211-2 REPAIR #2 GNS430 ****
DISCREPANCY: DISPLAY CONTRAST PROBLEMS.
ACTION: CONTRAST SET TO (AUTO 90), SLOPE, & OFFSET ALL CORRECTLY SET. HOWEVER, DID FIND 429 LNAV MISCONFIGURED TO #2; CORRECTLY SET TO LNAV #2. OPS CHECKED GOOD.

CRS# LN7R261N

Date 2/3/10


MAINTENANCE RECORD F.A.R. 43.9

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
	<small>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG NO: N335A WORK ORDER: 1232</small>	Advanced Aircraft Services LP <small>500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179</small>	<small>DATE: 4/8/2010 A/C TSN: 745 HOBS: 927.9</small>
	Airframe Entries Removed the Airwolf Air Oil separator from aircraft and reinstalled OEM breather.... Topped off TKS fluid.		
	Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 1232, Dated 4/8/2010.		
	<small>DATE: 4/8/2010</small>	<small>SIGNED: </small>	<small>Work Order: 1232</small>
	<small>James J. Mazzante, A&P: 2699478</small>		<small>Printed by EBis 3 (datcomedia.com)</small>
	<p style="font-size: 1.2em;"> 8-11-10 Hobbs: 1018.0 SR 22 Flight: 714.6 N.335A </p> <p style="font-size: 1.2em;"> C/W AVDYNE S.B. 601-00006-103 to update SW. IN PFD FROM RELEASE 8.0.1 to 8.0.2 AND RAMP TEST EXISTING DFC-90 AP OK TO MECS PRE-FLIGHT SPECS. DETAILS ON FILE W/615661 </p> <p style="font-size: 1.2em;"> LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>8-11-10</u> CERTIFICATE NO. LN7R261N SIGNED  </p>		

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 2207 23-June-2010 WO# 15541
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

**** ITEM # 15541-1 C/W DFC-90 UPGRADE ****
 DISCREPANCY: C/W DFC-90 UPGRADE.
 ACTION: The following equipment was removed: STEC 55X Autopilot Computer. The following equipment was installed: Avidyne DFC90 Autopilot Computer. Installed Avidyne DFC90 Autopilot Computer as a 'Slide-In' replacement unit for the STEC 55X Autopilot Computer IAW Avidyne STC# SA0029680. All work was accomplished IAW AC 43.13-1B/-2A Chapter 2 and Avidyne DFC90 Installation Manual p/n 600-00251-000 Rev 01. Installation included updating Avidyne EXP5000 PFD s/n 20330305 to Release 8.0.1 IAW Avidyne Service Bulletin #601-00006-103 and compliance with published pre-installation parameters on retained autopilot components and aircraft rigging per Avidyne Installation Manual p/n 600-00251-000 Rev 01. Inserted Avidyne provided DFC90 Flight Manual Supplement p/n 600-00249-000 in the Supplement Section of the Aircraft Flight Manual. Inserted Avidyne provided DFC90 Instructions for Continued Airworthiness p/n AVDFC-030 in the Service & Handling Section of the Aircraft Flight Manual. All of the above installed equipment was functionally tested including a required flight check and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change negligible. Equipment list revised.


 CRS# LN7R261N Date 8/11/10

MAINTENANCE RECORD F.A.R. 43.9

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
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MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
1785-06-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 6/9/2011
A/C TSN: 1007.3
HOBBS: 1219.6

Airframe Entries

Removed and replaced the #3 Cylinder EGT Probe. Retorqued all exhaust flange nuts. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1785-06-2011, Dated 6/9/2011.

DATE: 6/9/2011

SIGNED: 

Work Order: 1785-06-2011


Jason T. Henry, A&P: 160544469

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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 2600 08-July-2011 WO# 16479
 N335A S/N 2288 CIRRUS DESIGN CORP. SR22 Pg 1 / 1

**** ITEM # 16479-1 #1 GNS430W TERRAIN BASEMAP INOP ****
 DISCREPANCY: #1 GNS430W TERRAIN BASEMAP INOP.
 ACTION: TERRIAN CARD FOR #1 UNIT FOUND IN #2 UNIT AND DUMMY CARD WAS IN #1 UNIT. SWOPPED CARDS. OPS CHECKED GOOD.

**** ITEM # 16479-2 KING KGP560 TERRAIN INOP ****
 DISCREPANCY: KING KGP560 INOP.
 ACTION: FOUND CIRCUIT BREAKER PULLED. RESET CIRCUIT BREAKER. PULLED AIRCRAFT OUT AND PERFORMED CHECK WITH GPS SATELLITES. OPS CHECKED GOOD.


 CRS# LN7R261N Todd M. Adams

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
1891-08-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 9/15/2011
A/C TSN: 1082.1
HOBBS: 1304.6

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch. 5-20. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 7/2012. All AD's current thru 2011-19. Run up and ops check complete.... C/W SB 2X-24-09 TVS Fuse.... C/W SB 2X-27-16 R1 Flap Actuator Mod.... Removed and replaced both MLG tires. Leak check good.... Removed and replaced the rebound bumper. Ops check good.... Re-torqued #1-3-5 exhaust manifold. Re-torqued all EGT sensor clamps.... Replaced "Y" fitting on the Air Oil Separator and replaced hoses for proper drainage and to prevent chafing.... Re-torqued both fuel QTY. senders. Leak check good.... Rebonded the wing root fairings as necessary.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

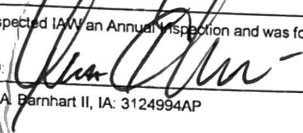
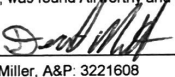
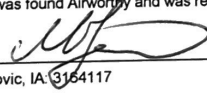
DATE: 9/15/2011

SIGNED: 


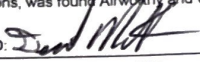

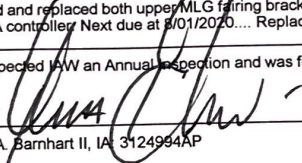




Work Order: 1891-08-2011

Richard A. Barmhart II, IA: 31249944P

Printed by EBis 3 (datcomedia.com)

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
	MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 2336-06-2012	Advanced Aircraft Services 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179	DATE: 10/9/2012 A/C TSN: 1302.5 HOBBS: 1551.5
	Airframe Entries	Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 03/2013. All AD's current thru 2012-19. Ops check good.... AD 2009-26-01 ICE AND RAIN PROTECTION....PCW.... C/W SB 2X-05-02 INDUCTION DUCT FLAPPER BOLT REPLACEMENT.... C/W SB 2X-32-19R3 NOSE LANDING GEARING INSPECTION AND REINFORCEMENT.... C/W Airwolf's ICA, due at next annual... Removed and replaced the alternate air Assy., bolt, nut and bushings, ops check good.... Removed rocket from airframe, tightened 3 nylon screws that secure rocket to launch tube. Re-installed rocket to airframe.... Re-sealed all top mounted fuselage antennas.... Re-rigged co-pilots door latches, ops check good.... Removed and replaced all brake linings.... Removed and replaced both MLG IB fairing brackets.... Removed and replaced gasket on Left I/B fuel sender, leak check good.... Inspected right brake caliper. Replaced thermal sticker, ops check good.... Rotated both MLG tires on their rims.... Removed and replaced L/H muffler... Removed and replaced R/H muffler/heat exchanger.... Removed and replaced #2 batteries. Ops check good.... Removed and replaced the CAPS reefing line cutters with serial number 3278 and 3279, next due 06/2018.	
		I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.	
	DATE: 10/9/2012	SIGNED:  Richard A. Barnhart II, IA: 3124994AP	Work Order: 2336-06-2012 Printed by EBis 3 (datcomedia.com)
		Advanced Aircraft Services 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179	DATE: 11/19/2012 A/C TSN: 1328.9 HOBBS: 1581.4
	Airframe Entries	Removed and replaced the #3 EGT probe. Ops check good.... Removed and replaced the #1 cylinder drain seal.	
	Maintenance Release	The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.	
	DATE: 11/19/2012	SIGNED:  Derrick S. Miller, A&P: 3221608	Work Order: 2580-11-2012 Printed by EBis 3 (datcomedia.com)
		Advanced Aircraft Services 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179	DATE: 12/6/2012 A/C TSN: 1326.9 HOBBS: 1581.4
	Airframe Entries	Re-tensioned the tach electronic pick up pins at the baffle pass through connector. Ops check good.	
	Maintenance Release	The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.	
	DATE: 12/6/2012	SIGNED:  Milan Jovanovic, IA: 3164117	Work Order: 2613-12-2012 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 3076-09-2013</p> <p style="text-align: center;"> Advanced Lancaster LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p style="text-align: right;">DATE: 9/26/2013 A/C TSN: 1455 HOBS: 1723.9</p> <p>Airframe Entries Removed and replaced the landing light wire harness.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p> <p>DATE: 9/26/2013 SIGNED:  Work Order: 3076-09-2013 Derrick S. Miller, A&P: 3221608 Printed by EBis 3 (datcomedia.com)</p>			
<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 3082-10-2013</p> <p style="text-align: center;"> Advanced Lancaster LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p style="text-align: right;">DATE: 10/10/2013 A/C TSN: 1482.8 HOBS: 1732.6</p> <p>Airframe Entries Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 10/2015. All AD's current thru 2013-20. Ops check good.... SB 2X-27-16 R2 Flap Actuator Mod, PCW.... SB 2X-95-10 R3 Caps pickup collar support replacement, PCW.... C/W SA13-05 Elevator Hinge Pin Inspection, no defects noted.... Secured the right mag "P" lead.... Removed and replaced the left tail pipe clamps.... Removed and replaced the nose wheel bearings and races.... Removed and replaced the right strobe flash tube assy.... Removed and Replaced left nav light.... C/W Airwolf ICA's.... Repaired center engine baffle.... Removed and replaced both upper MLG fairing brackets.... Torqued pilots entry step hardware.... Removed and Replaced EMA controller. Next due at 9/01/2020.... Replaced ELT batts. Next due 10/15.</p> <p>I certify that this AIRFRAME has been inspected in an Annual Inspection and was found to be in Airworthy condition.</p> <p>DATE: 10/10/2013 SIGNED:  Work Order: 3082-10-2013 Richard A. Barnhart II, IA 3124994AP Printed by EBis 3 (datcomedia.com)</p>			
<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 3301-04-2014</p> <p style="text-align: center;"> Advanced Lancaster LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p style="text-align: right;">DATE: 4/14/2014 A/C TSN: 1558.2 HOBS: 1937.9</p> <p>Airframe Entries Removed and replaced the #5 EGT Probe. Ops check good.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p> <p>DATE: 4/14/2014 SIGNED:  Work Order: 3301-04-2014 Derrick S. Miller, A&P: 3221608 Printed by EBis 3 (datcomedia.com)</p>			
<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 3606-10-2014</p> <p style="text-align: center;"> Advanced Lancaster LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p style="text-align: right;">DATE: 10/8/2014 A/C TSN: 1681.6 HOBS: 1975.6</p> <p>Airframe Entries Removed and replaced the A/C drive/hub assembly.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p> <p>DATE: 10/8/2014 SIGNED:  Work Order: 3606-10-2014 Derrick S. Miller, A&P: 3221608 Printed by EBis 3 (datcomedia.com)</p>			

...ment details of the exhaust system
...ponent repairs are on file at this repair
...ion under:

Advanced Lancaster
Work Order No. 110794
9-3-14
Inspected by [Signature]
Dawley Aviation
140 Industrial Dr.
Burlington, WI 53105
1-800-338-5420
FAA CRS No. NJ5R069N

MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
3929-05-2015
Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 11/12/2014
A/C TSN: 1689.7
HOBSBS: 1984.8

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 10/2015. All AD's current thru 2014-22. C/W SB 2X-27-17 Solid State Flap Relay. Resealed the gascolator. Removed and replaced the O/B L/H fuel drain. Removed and replaced the aft oil door latch. Removed and replaced both brake rotors and all 8 linings. Removed and replaced the left exhaust muffler. Removed and replaced the left tail pipe support springs. Rotated the L/H MLG tire on its rim. Removed and replaced the R/H MLG tire and tube. Removed and replaced the NLG tire and tube. Removed and replaced the R/H A/P reading light. Removed and replaced the bushings and bolts on the NLG strut at the engine mount.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 11/12/2014 SIGNED: [Signature] Work Order: 3659-11-2014
Richard A. Barnhart II, IA: 3124994AP Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
3929-05-2015

ADVANCED Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/28/2015
A/C TSN: 1780.1
HOBSBS: 2085.2

Airframe Entries

Installed new bolt and washer on the R/H O/B wheel fairing

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 5/28/2015 SIGNED: [Signature] Work Order: 3929-05-2015
Derrick S. Miller, A&P: 3221608 Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
4043-07-2015

ADVANCED Advanced Lancaster LP
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 7/30/2015
A/C TSN: 1798.8
HOBSBS: 2107.2

Airframe Entries

Removed and replaced the #1 alternator, installed Plane power P/N C28-150, S/N H-P020595

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/30/2015 SIGNED: [Signature] Work Order: 4043-07-2015
John Bolgi, A&P: 3468922 Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO: N335A
WORK ORDER:
4275-12-2015

ADVANCED Fly Advanced
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 1/7/2016
A/C TSN: 1824.5
HOBSBS: 2135.5

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 01/2018. All AD's current thru 2015-26. Removed and replaced the #1 battery, installed RG24-15M S/N 40768336. C/W SB 2X-28-12R1 Electric Fuel Pump Inspection. No defects noted. C/W SA13-05 Elevator Hinge Pin Inspection. C/W SA15-03 H3R Aviation SB 2015-01 Fire Extinguisher. No defects noted. Removed and replaced the #2 batteries. Removed and replaced the ELT and RCPI batteries. C/W AirWolf's ICA. Removed and replaced the TKS filter. C/W 500 Hour Magneto Inspection on both mags, disassembled, cleaned and inspected both mags. Installed new distributor gear kits, garlock seals, points, intake and mag gaskets. Replaced both capacitors, Both coils are within limits. Set the internal timing and timed mags to the engine. Adjusted the max take off RPM for 2700. Installed a new grommet for the mag P-lead at the baffle pass through. Removed and replaced the alternate air flapper assembly and clevis pin. Stop drilled multiple cracks in the engine baffling. Adjusted all exhaust spring tensions. Removed and replaced the NLG rubber pucks. Removed and replaced the L/H MLG tube and tire, installed S/N 51722030. Removed and replaced the nav antenna rubber grommets. Removed and replaced both cabin door struts. Installed new "Grab Here" placards in the cockpit as required. Removed and replaced 3 cabin cup holders. Re-torqued the NLG strut at the engine mount. C/W SB 2X-32-19 R3 NLG Inspection. Found two small cracks in the upper gusset plate that need to be inspected in 100 hours. Next inspection due 1956.4

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 1/7/2016 SIGNED: [Signature] Work Order: 4275-12-2015
Derrick S. Miller, IA: 3221608 Printed by EBIS 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
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MAKE: Cirrus
MODEL: SR22
S/N 2288
REG. NO. N335A
WORK ORDER:
4920-01-2017

ADVANCED Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 1/18/2017
A/C TSN: 2174.9
HOBBS: 2328.3

Airframe Entries

C/W AD 1993-05-06 ACS Ignition Switches, next due Flt: 4174.9... C/W SB 2X-32-19 R3 NLG Inspection, 2 very small cracks, have not progressed since last year... C/W SB 2X-52-08 R2 Catcher/Diverter and Gas Strut Rod End Replacement... Adjusted the Flight meter to the actual correct flight time of 2174.9... C/W Airwolf ICA's... Removed and replaced the heat exchanger... Removed and replaced the right tail pipe clamps... Installed 2 new heat shroud screws... Secured the throttle cable at the oil cooler... Stop drilled a small crack in the forward right engine baffle... Removed and replaced the induction air filter cap... Repaired the pilots Rosen visor mount shaft... Sealed the left lower wing root fairing... Removed and replaced the NLG rebound bumper... Removed and replaced all 8 brake linings... Removed and replaced the left MLG upper strut fairing wellnuts... Removed and replaced the I/B R/H MLG fairing bracket... C/W SB 2X-95-18 R3 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute S/N 02682R1. Next replacement due 1/03/2027. Installed rocket motor assembly S/N 2166. Next due 12/14/2026. Installed frangible link assembly S/N 2858. Reinstalled the CAPS reefing line cutters serial numbers 3278 & 3279. Next due for replacement 06/2018 Weight and balance updated, see POH... C/W SB 2X-95-13 CAPS strap inspection and grommet installation... Completed Pitot/Static leak check Pitot: 0.2 k/m Static: 75 f/m... Repositioned the A/C condenser for a short time in order to run the new wire harness for the CAPS SB 2X-95-18 R3.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 1/18/2017 SIGNED: *Joel A. Glover* Work Order: 4920-01-2017
Printed by EBis 3 (datcomedia.com)
Joel A. Glover
Certified Repair Station No. 5T2R901C

MAKE: Cirrus
MODEL: SR22
S/N 2288
REG. NO. N335A
WORK ORDER:
5569-01-2018

ADVANCED Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 1/12/2018
A/C TSN: 2270.4
HOBBS: 2435.9

Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 1/2020. All AD's current thru 2018-01... Removed and replaced the #2 batteries... Removed and replaced the ELT batteries. Next replacement due 1/2020... C/W Airwolf ICA's... SB 2X-95-22R1 CAPS Aft Grain Replacement N/A by ASN... C/W SB 2X-95-24R1 CAPS Rocket Shelf Ground Wire. Stop drilled a crack in the L/H engine baffle... Repositioned and secured the heat exchanger shroud... Removed and replaced the alternate air scat duct... Rotated the L/H and R/H MLG tires on the wheels.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations. was found Airworthy and was returned to service.

DATE: 1/12/2018 SIGNED: *Derrick S. Miller* Work Order: 5569-01-2018
Printed by EBis 3 (datcomedia.com)
Derrick S. Miller
Certified Repair Station No. 5T2R901C

MAKE: Cirrus
MODEL: SR22
S/N: 2288
REG. NO. N335A
WORK ORDER:
6102-10-2018

ADVANCED Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 10/17/2018
A/C TSN: 2301.2
HOBBS: 2472

Airframe Entries

Removed and replaced the #5 cylinder exhaust header with new header P/N: 15070-003.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 10/17/2018 SIGNED: *Josh Ferry* Work Order: 6102-10-2018
Printed by EBis 3 (datcomedia.com)
Josh Ferry
Certified Repair Station No. 5T2R901C

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MAINTENANCE RECORD F.A.R. 43.9


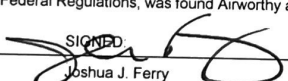
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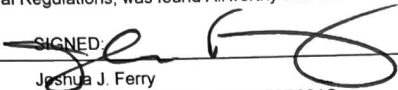
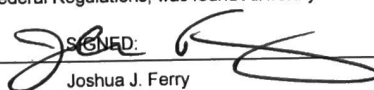
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Date

Inspe

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
	MAKE: Cirrus MODEL: SR22 S/N: 2288 REG NO: N335A WORK ORDER: 6133-10-2018	ADVANCED Fly Advanced Repair Station No. 5T2R901C 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179	DATE: 2/13/2019 A/C TSN: 2314 HOBBS: 2486
	Airframe Entries	<p>Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with P/N: BA-24. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 01-2020. All AD's current thru 2019-03... C/W SB 2X-32-19R3 Nose Landing Gear Inspection and Reinforcement. Small cracks found on gusset plate, currently well within limits. Next due Flight A SB 2X-95-23R1 CAPS Aft Grain Replacement Found Not Applicable by repack complied with in the USA... C/W Airwolf ICAS. Removed and replaced the pilot and co-pilot seatbelt inflator assemblies with P/N: 20902-005, S/Ns: (Pilot) Z7181298037 and (Co-pilot) Z7181782169. Next due replacement 01-2029... Removed and replaced the CAPS reefing line cutters with P/N 25347-002, S/Ns: 14587 and 14623. Next due replacement 08-2024... Removed and replaced the TKS Filter cartridge, next due 02-2021... Removed and replaced the #5 EGT sensor... Purged the TKS system and operated system, operational check ok at this time. All panels are properly wetting... Completed small composite repairs to the NLG wheel fairing lower side. Sanded, primed and painted the wheel fairing as required. Installed new wheel fairing stripe decals and aerotect... Installed missing Nose Landing Gear strut fairing aerotect... Removed and replaced lower cowling metal heat tape as required... Removed and replaced the engine cowling seal... Removed and replaced the Reiff engine pre-heater plug cap and snap ring... Removed and replaced the mixture cable forward rod end... Removed and replaced the prop control cable forward rod end... Removed and replaced the exhaust muffler - heat exchanger with new P/N: 14837-001... Properly torqued the nose landing gear strut to firewall attaching hardware... Removed and replaced the nose landing gear spindle cup bearings, assembled using new thrust washer and locking nut, adjusted tension as required per Cirrus AMM... Removed and replaced left aileron assembly with serviceable assembly. Sanded, primed, and painted to match... Removed and replaced the left inboard aileron hinge assembly... Removed and replaced the Reiff oil sump thermostat... Removed and replaced the left and right aileron gap seals.</p>	
		<p>I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.</p>	
		DATE: 2/13/2019 SIGNED:  Josh Ferry Certified Repair Station No. 5T2R901C	Work Order: 6133-10-2018 Printed by EBis 3 (datcomedia.com)
	MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 6609-06-2019	ADVANCED Fly Advanced Repair Station No. 5T2R901C 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179	DATE: 6/27/2019 A/C TSN: 2323.1 HOBBS: 2488.3
	Airframe Entries	<p>Removed and replaced the nose landing gear spindle cup locking nut, adjusted spindle cup tension as required per Cirrus AMM.</p>	
	Maintenance Release	<p>The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>	
		DATE: 6/27/2019 SIGNED:  Joshua J. Ferry Certified Repair Station No. 5T2R901C	Work Order: 6609-06-2019 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

Date of Comp.	Aircraft Time in Service	Description of Work Performed or Approved Data Used	Agency & Certificate No. Work performed / returned to service
	<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 6718-08-2019</p>	<p style="text-align: center;">ADVANCED Fly Advanced</p> <p>Repair Station No. 5T2R901C 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p>	<p>DATE: 8/14/2019 A/C TSN: 2331.6 HOBBBS: 2510.4</p>
	<p>Airframe Entries</p> <p>Removed and replaced the #2 Cylinder and #3 Cylinder EGT Sensors with (2) P/N: 16579-002. Operational run-up check ok at this time.</p>		
	<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>		
	<p>DATE: 8/14/2019</p>	<p>SIGNED:  Joshua J. Ferry Certified Repair Station No. 5T2R901C</p>	<p>Work Order: 6718-08-2019 Printed by EBIS 3 (datcomedia.com)</p>
	<p>MAKE: Cirrus MODEL: SR22 S/N: 2288 REG. NO: N335A WORK ORDER: 7079-02-2020</p>	<p style="text-align: center;">ADVANCED Fly Advanced</p> <p>Repair Station No. 5T2R901C 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p>	<p>DATE: 2/19/2020 A/C TSN: 2339.9 HOBBBS: 2523.1</p>
	<p>Airframe Entries</p> <p>Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with P/N: BA-24. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 02-2022. All AD's current thru 2020-04.... C/W Airwolf Air Oil Separator ICAs... C/W SB 2X-32-19R3 Nose Landing Gear Inspection and Reinforcement. Small cracks found on gusset plate within allowable tolerances IAW SB Instructions... SB 2X-34-29 Pitot and TKS Line Routing Inspection Not Applicable by Aircraft not FIKI Equipped... Hartzell ASB-081 Completed. Alternator removed and Hex-Nut inspected. Gap between Hex-Nut and Thrush Washer < .002. Inspection within limits. Hex-Nut center punched IAW service bulletin. Reinstalled Alternator with new Gasket.... Removed and replaced the #2 Batteries, next due 02-2022... Removed and replaced the ELT Batteries, recommend replacement 02-2022... Removed and replaced the EMA Controller with new, next due replacement 02-2027... Completed a 24 Month altimeter & transponder certification. See log book entries for further details dated 02-14-2020. Performed Calibration of ACK A-30 Encoder SN:103714 IAW Model A30 Operation and Installation Manual (current revision).... Properly secured the drain manifold assembly at the firewall.... Removed and replaced the left inboard exhaust hanger bracket assembly with P/N: 20140-003. Removed and replaced the left exhaust inboard exhaust support spring.... Removed and replaced the left an right exhaust bonding straps.... Re-sealed the left and right brake caliper pistons with new high temp o-rings (4) P/N: M83461/1-222. Installed new brake "yellow" and "blue" temperature labels on the brake assemblies, and bled brakes IAW Cirrus AMM.... Removed and replaced the left and right brake linings... Removed and replaced the rudder / aileron interconnect shock cord and complied with rigging procedure of the rudder / aileron interconnect IAW Cirrus AMM.... Removed and re-installed the #2 GNS430 after replacement of GNS430 Memory Battery by Lancaster Avionics... Re-torqued the left aileron actuation arm.... Cleaned, protected, painted and installed chafe tape on the left and right flaps to eliminate chafing with the flap well hinge access panels... Re-seated the left cabin entry door rubber seal as required.... Removed and replaced the cockpit portable fire extinguisher with new P/N: A344T, S/N: F68180471.... Synchronized the right cabin entry door latches... Installed missing "Grab Here" placard on the co-pilots side bolster panel.... Removed and replaced the landing light lamp lens, aligned the landing light IAW Cirrus AMM.... Removed and replaced the lower engine cowling nose landing gear strut aft seal assembly</p>		
	<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.</p>		
	<p>DATE: 2/19/2020</p>	<p>SIGNED:  Joshua J. Ferry Certified Repair Station No. 5T2R901C</p>	<p>Work Order: 7079-02-2020 Printed by EBIS 3 (datcomedia.com)</p>

"N" #: N335A

Make: CIRRUS

Model: SR22

Serial #: 2288

Total Time: 2347.4

Date: 08/20/2020

Date of Comp.

9/20/22

1. Description
2. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
3. COMPLIED WITH ANNUAL INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 05-20. GROUND RAN, OPERATIONAL AND LEAK CHECKS GOOD WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-10.
4. LEFT AND RIGHT BRAKE DISCS GROOVED - REMOVED AND REPLACED LEFT AND RIGHT BRAKE DISCS WITH NEW P/N 164-02504 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-41 AND CLEVELAND CMM AWBCMM0001-12
5. LEFT AND RIGHT BRAKE LININGS WORN WITH UNEVEN WEAR - REMOVED AND REPLACED LEFT AND RIGHT BRAKE LININGS WITH NEW P/N 066-06200 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-42.
6. COMPLIED WITH 500 HR ENGINE MOUNT WELDMENT & LOWER ATTACH FITTING TORQUE CHECK IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 71-20.
7. COMPLIED WITH 300 HOUR INTERIOR & EXTERIOR WING FITTING INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 57-10. NO DEFECTS NOTED
8. COMPLIED WITH 100 HR / ANNUAL AIRWOLF AIRSEP INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IAW AFC-W360 REV C. NO DEFECTS NOTED.
9. #1 BATTERY DUE 1800 HR / 3 YR REPLACEMENT - REMOVED #1 BATTERY P/N RG24-15M S/N 40768336 AND INSTALLED NEW BATTERY P/N RG24-15M S/N 41087138. OPERATIONAL CHECKS GOOD WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 24-30.
10. COMPLY WITH SB2X-05-02 INDUCTION FLAP BOLT REPLACEMENT - REMOVE AND REPLACED INDUCTION FLAPPER BOLT WITH NEW P/N AM3-34 IAW SERVICE BULLETIN INSTRUCTIONS OPERATIONAL CHECKS GOOD.
11. FLAP EROSION TAPE WORN - REMOVED AND REPLACED FLAP EROSION TAPE WITH NEW P/N 51168-002 IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 27-50 AND INDUSTRY STANDARDS.
12. FAIRING AND INBD LEADING EDGE EROSION TAPE WORN - REMOVED AND REPLACED EROSION PROTECTION WITH NEW KIT P/N FAK-009 IAW AERO TECT INSTALLATION INSTRUCTIONS. DURING REROSION TAPE REMOVAL PROCESS PAINT STUCK TO OLD EROSION TAPE ON LT HAND INBD LEADING EDGE, SANDED LT HAND INBD LEADING EDGE AND PAINTED TO MATCH IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 51-20.
13. ELECTRIC BOOST PUMP SLOW TO PRIME - REMOVED ELECTRIC FUEL BOOST PUMP P/N 5217-00-3 S/N 2667 AND INSTALLED NEW FUEL PUMP KIT P/N 70673-001 UTILIZING PUMP P/N 42263-001 S/N 220556. OPERATIONAL AND LEAK CHECK GOOD. WORK PERFORMED IAW SERVICE BULLETIN SB2X-28-15 INSTRUCTIONS.
14. LANDING LIGHT LENS CRACKED - REMOVED AND REPLACED LANDING LIGHT LENS WITH NEW P/N 20247-104 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH. 33-40.
15. FUSELAGE LOGOS WORN - REMOVED WORN LOGOS AND INSTALLED NEW LOGOS P/N 12343-111-LOGO-RH AND P/N 12343-XXX-LOGO-LH. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 11-20 AND INDUSTRY STANDARDS.

*****MAINTENANCE RELEASE*****
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 96601.



SIGNED BY: [Signature] FOR
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
 FAA APPROVED REPAIR STATION NO. FEHR859D

S&S AVIATION



N335A Airframe Logbook Entry

Make: Cirrus Model: SR-22 S/N 2288
 TT: 2384.8

The following was completed in accordance with the SR-22 service manual and all applicable FAR's unless otherwise noted.

1. **ELT INSPECTION** as required by FAR 91.207(d) completed sat. Placarded exterior of ELT with expiration date. Battery expires **March, 2024.**

Signed [Signature] Cert. No. A&P27398981A Date 3 March, 2021



N335A Airframe Logbook Entry

Make: Cirrus Model: SR22 S/N 2288
Tach: 2513.1

43.9

The following was performed IAW The SR22 SM applicable FAR's unless otherwise noted.

1. Removed and replaced #2 batt with new cells p/n 50797-001 per MM section 24-30. Next Due March, 2024.
2. See Work Order 4366 for details.

Signed [Signature] Cert. No. V3OR738Y Date 1 March, 2022

Agency &
Certificate No.
Work performed /
returned to service

1 of 1

Inspection Record F.A.R. 43.11-91.409

Date	Aircraft Time in service	Kind of Inspection - Status & Discrepancy List Signature - Cert. No. of Person Approving or Dissapproving Aircraft for service
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09 Dec 06	6.5	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502</p> <p>Name: Nate Alm Date: 09 Dec 06</p> <p>Signature: <u><i>Nate Alm</i></u></p> <p>Title: Production Flight Test Pilot</p>
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12 20 2006	6.5	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Dec 20 2006</u>. The next inspection is due <u>Dec 31 2007</u>.</p> <p style="text-align: center;"><u><i>Paul R Sitko</i></u></p> <p style="text-align: center;">PAUL R. SITKO ODARF-405228-CE</p>
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AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: TT 306.9	W/O: 0712-4	Date: 12-14-2007
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SR22, S/N 2288 Flight Hobbs: 194.7, Hobbs: 424.4

Performed Annual Inspection IAW Cirrus Inspection guide 05-20. AD's C/W thru 2007-24 Biweekly. Compliance record provided in aircraft logs.

This Aircraft has been inspected in accordance with an Annual inspection and is approved for return to service. Further details are on file under work order referenced above.

Signature: *R Sitko* Certificate: CRS # N64R483Y