

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

May 13, 2022

**Attachment 7 – Accident Aircraft Airframe Maintenance Log
And Avionics Inventory**

OPERATIONAL FACTORS

CEN22FA096

N585CK

A/F

S/N TH-1299

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

Logbook #7

**AIRFRAME
MAINTENANCE
RECORDS**

AIRNET II, LLC
Hangar 5B KSUS, Chesterfield, MO 63005

No. _____

DATE

JAN.20, 2021 BARON 58 S/N TH-1299 N585CK Hobbs 246.6

AIRFRAME

SELT FUNCTIONAL TESTING REQUIRED

COMPLIED WITH FUNCTIONAL TEST & G SWITCH CHECK AS
REQUIRED FOR 12 MONTH ELT INSPECTION I/A/W BARON 58
NARCO AVIONICS ELT 10 OWNERS MANUAL & PER 14CFR 91.207d.

The aircraft Identified herein was repaired and inspected in accordance with current Federal
Aviation Regulations, and was determined to be airworthy for return to Service.

AirNet II, LLC

Charles Burnett

A&P

AIRNET II, LLC
Hangar 5B KSUS, Chesterfield, MO 63005

JAN.20, 2021 BARON 58 S/N TH-1299 N585CK Hobbs 246.6

AIRFRAME

RIGHT VACUUM PUMP FAILED DURING RUNUP
R&R R/H DRY AIR PUMP P/N ON & OFF 442CW-12 S/N ON
0GHA03 S/N OFF 0DKV07 FAA FORM 8130-3 CERT# YV4R688M
W/O# 10GHA-0000 O/H BY AERO ACCESSORIES LLC I/A/W
BARON 58 M/M 30-10-00 & R&R BOTH IN-LINE FILTERS I/A/W
BARON 58 M/M 30-10-00 OPS CHECK GOOD

The aircraft Identified herein was repaired and inspected in accordance with current Federal
Aviation Regulations, and was determined to be airworthy for return to Service.

AirNet II, LLC

Charles Burnett

A&P

AIRNET II, LLC
Hangar 5B KSUS, Chesterfield, MO 63005

FEB. 04, 2021 BARON 58 A/C N585CK S/N TH-1299 HOBBS 266.9

LEFT ENGINE OIL BREATHER TUBE BROKEN
R&R WITH NEW LEFT ENGINE OIL BREATHER TUBE I/A/W BARON 58 M/M
20-10-00 P/N ON & OFF 58-910018-9

The aircraft Identified herein was repaired and inspected in accordance with current Federal
Aviation Regulations, and was determined to be airworthy for return to Service.

AirNet II, LLC

Charles Burnett

A&P

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TOTAL-Carry forward to next page

Date 03/19/21 Hobbs 314.1 Complied with update of
navigation database cycle 2103 (Effective Date 03/25/21)
on this date 03/19/21. Airnet II, LLC. N 585CK
W/O# 003096 [REDACTED]

Page No. _____

DATE

TOTAL
TIME
IN
SERVICE

MED—
PERFORMING WORK

AIRNET II, LLC
Hangar 5B KSUS, Chesterfield, MO 63005

4/22/2021, BE58 S/N TH-1299 N585CK HOBBS 360.9

REMOVED AND REPLACED RIGHT ENGINE EGT PROBE, IAW TEMPEST EGT PROBE
INSTRUCTIONS. P/N ON/OFF 86255. OPS CHECK GOOD.

The aircraft identified herein was repaired and inspected in accordance with current Federal
Aviation Regulations, and was determined to be airworthy for return to Service.

AirNet II, LLC

MICAH POLITTE [REDACTED]

A&P [REDACTED]

Airnet II, LLC
W/O#: 003224

Open at date : 6/1/21

Close date : 6/4/21

Tel : [REDACTED]

Page: 1 Of 4

[REDACTED] Columbus Oh 43217

For Aircraft : N585CK , Airframe , BARON 58 , TH-1299

Total:	Hours <u>23838.20</u>	Cycles	Landings	Other
Airframe	TSO	CSO	LSO	OSO

A.D.s checked thru issue 2021-11

1. Performed Airworthiness Directive, 2004-21-05. To Prevent An Airplane Fire Or Explosion Caused By Failure Of The Heater Combustion Tube. ADM 39-13826 C/W Heater Decay Test IAW Janitrol MMI 24E25-1 & SB A-103 if needed. Hobbs 392.9. HH 1319.7. Work done IAW MOHM 24E25-1. No defects noted. Next inspection due at Hobbs 592.9, AFTT 24038.2 or 06/2023.
2. Performed Airworthiness Directive, 90-08-14. FORWARD WING SPAR CARRY THROUGH. S/B #53-2269R2 * AMENDMENT #39-6563. Hobbs 392.9. Work done IAW SB 53-2269R2. No defects noted. Next inspection due at Hobbs 892.9, AFTT 24338.2.
3. Performed Inspection - Scheduled, Annual Inspection. FAR 43, Appx. D. Hobbs 392.9. Work done per Manufacturers Inspection form.
4. Performed Inspection - Scheduled, 100 Hour Inspection. (Operations for hire or flight instruction, FAR 91.409(b). Hobbs 392.9. Work done per Manufacturers Inspection form.
5. Performed Inspection - Scheduled, Landing Gear Motor Brushes. Inspect for condition replace as needed. Hobbs 392.9. Work done IAW Beech 58 MM chapter 32-30-00. No defects noted.
6. Performed Inspection/Check, Flare Signaling Device. Inspect flare for condition. Verify and record expiration dates. Hobbs 392.9. Verified condition of signal flare. Flare expiration due 02/2024.
7. Performed Inspection/Check, Cabin, Portable Hand Held Fire Extinguishers. 12 Month Weight Check. Weigh Cabin Fire Extinguisher. Hobbs 392.9. Work done IAW manufacturer's instructions. No defects noted.
8. Performed Replace - Removal, All Fuel Cap O-Rings. Hobbs 392.9. Replaced with all new o-rings. Work done IAW Beech 58 MM chapter 28-10-00.
9. Performed Replace - Unscheduled - Removal, 25-Equipment & Furnishings. Hobbs 392.9. Installed serviceable re-upholster pilot's seat p/n: 106-530060-3, s/n: N/A by Tritex Corp. Columbus, Oh. CRS# [REDACTED] reference Tritex Corp WO 1426 dated 03/26/21 & Vertical Flammability Test Results from & on WOs: Skandia 324380-17, 269158-14, CC Aviation LLC 95337 dated 6/3/20, Accufleet 19-1192 dated 02/01/19, 19-3050 dated 3/13/19 & Aeroblaze 2664.29 dated 03/03/21. Work done IAW Beech 58 MM chapter 25-16-00.
10. Performed Service Bulletin, SB 27-3459 R2. Flight Control Gust Lock Inspection/Replacement. Hobbs 392.9. Work done IAW SB 27-3459R2. No defects noted.

Airnet II, LLC
W/O#: 003351

Open at date : 9/23/21
Close date : 9/23/21

Columbus Oh

43217

Tel : [REDACTED]

Page: 1 Of 2

DATE

For Aircraft : N585CK , Airframe , BARON 58 , TH-1299

Total:	Hours <u>23945.90</u>	Cycles	Landings	Other
Airframe	TSO	CSO	LSO	OSO

- 1 , Performed Replace - Unscheduled - Install,37-Vacuum. . On LeftDry Air Pump , AA442CW-12,0R4U08. TSN = 0.00, TSO = 0.00, CSO = , LSO = , OSO = . Hobbs 500.6. Installed serviceable overhauled unit by Aero Accessories LLC. Burlington, NC. Cert.# [REDACTED] reference FAA form 8130-3 WO 10R4U-0000 dated 08/16/21. Work done IAW Beech 58 MM chapter 36-10-00. Ops check good.
- 2 , Performed Replace - Unscheduled - Removal,37-Vacuum. . On LeftDry Air Pump , AA442CW-12,05HY05. TSN = 485.00, TSO = 485.00, CSO = , LSO = , OSO = . Hobbs 500.6. Work done IAW Beech 58 MM chapter 36-10-00.
- 3 , Performed Replace - Unscheduled - Removal,36-Pneumatics. . Hobbs 500.6. Installed right engine vacuum pump inline air filter with new p/n: AA2J4-7and inlet air filter with new p/n: AAD9-14-5. Work done IAW Beech 58 MM chapter 36-10-00.
- 4 , Performed Replace - Unscheduled - Removal,77-Engine Indicating. . Hobbs 500.6. Dual tachometer p/n off: 96-384057-15, s/n off: 2580; p/n on: 96-384059-3, s/n on: 1363. Installed serviceable overhauled unit by Consolidated Instrument & Avionics Co. Teterboro, NJ. Cert.# [REDACTED] reference FAA form 8130-3 WO 215474LCK dated 02/26/18. Work done IAW Beech 58 MM chapter 77-00-00.

Certificate of return to service

This aircraft and/or component identified herein was repaired and/or inspected in accordance with current Federal Aviation Regulations and was determined to be airworthy for return to service. Pertinent details are on file at this Repair Station under the work order number above.

Signed off by : Tran Ngoc Trung [REDACTED]

Certificate Number : RS [REDACTED]

AIRNET II, LLC

Hangar 5B KSUS, Chesterfield, MO 63005

9/30/2021 BE58 S/N TH1299 N585CK. HOBBS 514.9

R/H FUEL SIGHT GAUGE INOP & MAP LIGHT BUTTON INOP:

AIRNET II, LLC
Hangar 5B KSUS, Chesterfield, MO 63005

10/27/2021 BE58 S/N TH1299 N585CK. HOBBS 542.3

DATE

RIGHT WING STATIC WICK BROKE OFF:

R/R RIGHT WING STATIC WICK AND BASE IAW BARON 58 AMM CH 23-60-00 P/N
 ON/OFF DD1W, B1.

The aircraft Identified herein was repaired and inspected in accordance with current Federal
 Aviation Regulations, and was determined to be airworthy for return to Service.

AirNet II, LLC

MICAH POLITTE

A&P

Airnet II, LLC
W/O#: 003497

Open at date : 12/8/21

Close date : 12/9/21

Tel: 614-409-4754

Page: 1 Of 2

Columbus Oh 43217 TH-1299

For Aircraft : N585CK , Airframe , BARON 58 ,

Total: Hours 24040.20 Cycles Landings Other

Airframe TSO CSO LSO OSO

A.P.s checked thru issue 2021-25

1. Performed Airworthiness Directive, 2004-21-05. To Prevent An Airplane Fire Or Explosion
 Caused By Failure Of The Heater Combustion Tube. ADM 39-13826 CAV Heater Decay
 Test IAW Janitrol MMI 24E25-1 & SB A-103 if needed. Hobbs 594.9. HH 1426.3. Work
 done IAW MOHM 24E25-1. No defects noted. Next inspection due at Hobbs 794.9, AFTT
 24240.2 or 12/2023.

(Operations for hire or flight

Airnet II, LLC
W/O#: 003497

Open at date : 12/20/21

Close date : 12/20/21

Tel : [REDACTED]
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DATE

[REDACTED] Columbus Oh 43217
For Aircraft : N585CK , Airframe , BARON 58 , TH-1299
Total: Hours 24045.70 Cycles Landings Other
Airframe TSO CSO LSO OSO

Certificate of return to service

This aircraft and/or component identified herein was repaired and/or inspected in accordance with current Federal Aviation Regulations and was determined to be airworthy for return to service. Pertinent details are on file at this Repair Station under the work order number above.

Signed off by : Tran Ngoc Trung [REDACTED]

Certificate Number : RS [REDACTED]

Date 12/23/21 Hobbs 600.4 Complied with update of
navigation database cycle 2113 (Effective Date 12/30/21)
on this date 12/23/21 . Airnet II, LLC. N 585CK
W/O# 003497 [REDACTED] [REDACTED]

AIRNET II, LLC

Hangar 5B KSUS

Chesterfield, MO 63005

1/5/2022 N585CK Beech Baron 58 S/N TH-1299 Hobbs: 610.3 Heater Hobbs: 1437.4

Removed cabin heater combustion blower motor from blower assembly P/N 83D91-1 S/N 0581. Installed overhauled blower motor P/N 27D39 reference Hartzell Aerospace Maintenance and Overhaul Manual 24E25-1 21-40-01. Motor overhauled by Aircraft Heating and Electrical, inc. CRS [REDACTED] w.o. 1117202/225442LCK dated 17NOV2020. Completed satisfactory function test of cabin heater.

The aircraft has been repaired in accordance with current Federal Aviation Regulations and was determined to be airworthy regarding the work performed.

AirNet II, LLC [REDACTED]

Ted Stephens A&P/IA [REDACTED]

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Avionics Inventory Sheet									
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[illegible]



AirNet II LLC

Columbus, OH 43217

FAA Repair Station

REGISTRATION #	MAKE	MODEL	SERIAL #	DATE	WORK ORDER	WEIGH/CALC
N585CK	BEECH	58	TH1299	11/20/2020	2917	Weighed
AIRCRAFT WEIGHT & CONFIGURATION INFORMATION						
		Aircraft Configuration when Weighed: CARGO INTERIOR				
Fuel Quantity	FULL	Max Gross Ramp Weight			5,424	
Oil Quantity	FULL	Max Take-Off Weight			5,400	
Hydraulic Fluid Quantity	FULL	Max Landing Weight			5,400	
SCALE READINGS - WEIGHED AT WHEELS						
POSITION	SCALE WT.	TARE	NET WEIGHT	ARM	MOMENT	
LH SCALE	2,076.00		2,076.00			
RH SCALE	2,048.00		2,048.00			
TOTAL MAIN SCALES	4,124.00	0.00	4,124.00	96.70	398,790.80	
NOSE SCALE	856.00	0.00	856.00	(10.30)	(8,816.80)	
TOTAL AS WEIGHED			4,980.00	78.31	389,974.00	

ADJUSTMENTS...ADDITIONS (+)			
DESCRIPTION OF ITEM TO BE ADDED	WEIGHT	ARM	MOMENT
	-	79.00	-
			-
			-
			-
			-
			-
TOTAL ADDITIONS TO BASIC WEIGHT	-	-	-
ADJUSTMENTS...SUBTRACTIONS (-)			
DESCRIPTION OF ITEM TO BE SUBTRACTED	WEIGHT	ARM	MOMENT
Useable Fuel	1,164.00	83.68	97,403.52
			-
			-
TOTAL DEDUCTIONS TO BASIC WEIGHT	(1,164.00)	-	97,403.52

• FINAL COMPUTATIONS •			
	WEIGHT	ARM	MOMENT
TOTAL SCALE WEIGHT	4,980.00	78.31	389,974.00
TOTAL ADDITIONS TO SCALE WEIGHT (+)	-	-	-
TOTAL SUBTRACTIONS TO SCALE WEIGHT (-)	(1,164.00)	-	97,403.52
AIRCRAFT EMPTY WEIGHT & C.G. "two seat"	3,816.00	76.67	292,570.48
AIRCRAFT EMPTY WEIGHT & C.G. "three seat"	3,836.00	76.88	294,930.48
AIRCRAFT EMPTY WEIGHT & C.G. "four seat"	3,856.00	77.10	297,290.48
AIRCRAFT USEFUL LOAD "two seat"	1,584.00		

This aircraft was weighed in a level attitude in a closed hanger in the configuration shown above. Details are on file at this agency under Work Order Number: 2917

Signed: _____

AirNet II LLC FAA CRS