



N200ZF

AMATEUR-BUILT AIRCRAFT LOG BOOK

Date	From	To	Hours	Min.	Pilot
------	------	----	-------	------	-------

N200ZF 10/04/2022 Tach: 1093.4

Inspected airframe IAW AMM inspection guide;
 complied with SBs 14-02-05, 14-01-31, 14-12-22, no
 defects found. Inspected ELT IAW 91.207(d). I certify
 that I have inspected this airframe in accordance with
 an annual condition inspection and find it to be in a
 safe condition to fly, returned to service.


 Gregory S Collins 2745213AP

OCT 04, 23 CHANGE OIL 15/50 WITH FILTER
 2022

Total Forward

Total to Date

Date	From	To	Hours	Min.	Pilot
N200ZF 08/06/2021 Tach: 1007.6					
Inspected airframe IAW AMM Inspectiond guide: complied with SBs 14-02-05, 14-01-31, 14-12-22, no defects found. Inspected ELT in accordance with 91.207(d). I certify that I have inspected this airframe in accordance with an annual condition inspection. and find it to be in a safe condition to fly. Returned to service.					
					
Gregory S Collins 2745213AP					
AUG 4 2024	REPLACE	RIGHT BRAKE ROTOR AND PADS	FLIP TIRES ON WHEELS		
1007.6 HRS	FOR WEAR	REGREASE LEFT WHEEL BEARINGS			
	CHANGE OIL 20/50	NO FILTER			TODD JACOBUS
Total Forward					
Total to Date					

REMARKS

N200ZF 11/14/2023 Tach: 1112.0

I certify that I have inspected this aircraft IAW AMM inspection guide. Complied with SBs 14-02-05, 14-01-31, 14-12-22, no defects found. Inspected ELT IAW 91.207(2). Batteries due 01/2025. Annual condition inspection completed, I find it to be in a safe condition to fly.


Gregory S Collins 2745213AP

Mar 29, 24 1157hrs

Check static and pitot systems all good.

Calibrate Ameriking encoder.

PF Flyers KGMU

Also inspected SBs 16-03-28, 00036-REV 3, 99-06-01 no defects found, rudder torque tube gussets in place

Oil and filter changed 20W/50
1112.0 HRS

CUT OPEN FILTER, FOUND NOTHING

Mar 16 24 Attach oil separator system Antisplat

1154.0 HRS

Mar 06, 24 Replace, reroute, improve all panel static tubing and connectors

1154.0 HRS

TACH 899.3

Issue 10/1/51 at 10/1/51 of Log and Researcher through
 accordance with the scope and detail of Appendix (P) of Part 43 and
 found to be in condition for safe operation.
 installed new 7512 NAV bulb - on B. 2. 1. Bishop A6N 2190114 I.A.

Ads-B

Total to Date

~~Top~~

TACH

Inspected in accordance with the scope and detail of Appendix (D) of Part 43
And found to be in condition for safe operation.

Ralph T. Bishop A4P 2190114.1A

Date	From	To	Hours	Min.	Pilot
N200ZF	6/21/2016	Airframe logbook entry			

Inspected owner's installation of Tru Trak Gemini Series PFD. Installation found to be done in accordance with pages 5,6,19,20 of the manufacturers installation manual. No defects found in the installation or operation of the unit.

Warren E Myer 138 2785
WARREN E. MYER

Beacon Aviation of Michigan, Inc. 1222 Hangar Way Grand Ledge, MI 48837 VOOR755X
LOG ID# 7659 11-July-2016 WO# 7190
N200ZF S/N 24604 ZWART FRANK RV-6A TACH 615.3

Pg 1 / 1

Transponder KT76A S/N: 124225 was tested and complies with FAR 91.413 IAW FAR 43 App. E. Altitude reporting system was tested and complies with FAR 91.411 IAW FAR 43, App. E (C). This aircraft airframe, aircraft engine or appliance identified above was repaired/inspected in accordance with current regulations of the Federal Aviation Agency and is hereby approved for return to service.


Inspector/Authorized Signature

7-11-2016
Date

for Beacon Aviation of Michigan, Inc. CRS # VOOR755X

REMARKS

671.1

11-30-16 engine oil change, along with filter (tempest 110)
Tqts Aeroshell 15w50 added - R. Phillips

3-17 ^{720 hrs} Engine oil drained & changed oil filter. Change request 150

7-10-17

740.8

On June 67
AIP 3021378

- Changed Oil & Filter
- Added 6 qts Phillips X/C 20W50
- Cleaned oil screen
- Cleaned gascolator
- Tightened loose alternator B lead at alternator
- Replaced all tires and tubes
- Replaced all brake pads
- Replaced ELT batteries; due 1/2025
- ELT ops check OK
- Compressions: 1- 75 2-73 3-74 4-74
- All SB's C/W; No cracks noted
- Added Anti-Splat nose job 2
- Repacked all wheel bearings
- Greased nose wheel fork
- Lubed all controls
- Replaced air filter
- Checked ignition timing
- Replaced all spark plugs with Tempest UREM38E

N200ZF

Date	From	To	Hours	Min.	Pilot
6/2/14	N200ZF	TACH 596.8			
	Install new FAA-cert. Vacuum Suction Gauge UMA				
	Install new vacuum regulator filter and gyro filter				

N200ZF 6/21/2016 Airframe log book entry

Inspected airframe IWA AMM inspection guide; lubricated
 airframe; inspected and tested ELT; batteries due March 2017;
 complied with SBs 14-02-05, 14-01-31, 14-12-22, no defects found.
 no defects found. Resealed fuel senders on left and right fuel tanks;
 leak checks performed, no leaks found; checked operation of both fuel gauges,
 no defects found. Performed ground run, all systems operational checks passed.
 I certify that this aircraft has been inspected on 6/21/2016 in accordance
 with manufacturer's procedures and is in safe operating condition.

NARREN E. MEYER 1382787

Narren E Meyer

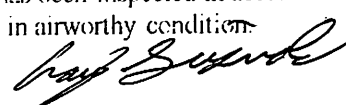
REMARKS

1" 3-200-12

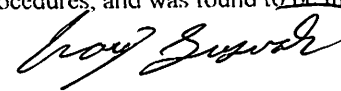
Gyro Filter RA-D9-18-1; Vacuum Filter RA B3-5-1

Date	From	To	Hours	Min.	Pilot
------	------	----	-------	------	-------

N200ZF Airframe logbook entry 3/12/2013 Tach: 587.1 TTAF: 587.1
 Inspected airframe IAW AMM inspection guide... Lubricated airframe IAW AMM... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2017... Replaced main instrument air filter... Secured brake line fitting @ left wing root... Performed ground run, all systems operational checks passed.
 I certify that this aircraft has been inspected in accordance with an annual condition inspection and was determined to be in airworthy condition.

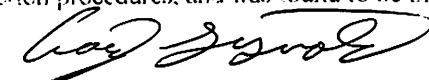

 Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC

N200ZF Airframe logbook entry 5/10/2014 Tach: 595.1 TTAF: 595.1
 Inspected airframe IAW AMM inspection guide... Lubricated airframe IAW AMM... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2017... C/W SB 11-9-13 by inspection of fuel tanks, no sloshing compound present... C/W SB 14-02-05 by inspection of elevator spar web, no defects found... C/W SB 14-01-31 by inspection of horizontal stabilizer spar, no defects found... Performed ground run, all systems operational checks passed... I certify that this aircraft has been inspected on 5/10/2014 in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation.


 Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

REMARKS

N200ZF Airframe logbook entry 3/16/2015 Tach: 604.9 TTAF: 604.9
 Inspected airframe IAW AMM inspection guide... Lubricated airframe IAW AMM... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2017... C/W SB 14-02-05 by inspection of elevator spar web, no defects found... C/W SB 14-01-31 by inspection of horizontal stabilizer spar, no defects found... C/W SB 14-12-22 by inspecting nose gear stop Assy, no defects found... Repaired 2 small cracks in upper forward cowl... Repaired cracked securing bracket on left gear strut fairing... Replaced right main tire & inner tube with new... Cleaned & greased all wheel bearings... Performed ground run, all systems operational checks passed. I certify that this aircraft has been inspected on 3/16/2015 in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation.


 Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

N200ZF Airframe logbook entry 6/26/2014 Tach: 598.8
 Removed instrument air pump... Installed new vacuum pump using new inlet & outlet fittings, mounting hardware, & gasket... Performed ground run, operational check passed.


 Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

Date	From	To	Hours	Min.	Pilot
------	------	----	-------	------	-------

N200ZF Airframe logbook entry 8/14/2012 Tach: 577.3 Hobbs: N/A
 Replaced landing light 100W Halogen bulb... Operational checks passed.

Craig Griswold

Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

1-4-2013 Installed overhauled Sigmatek
 Directional Gyro. Tach 585.2

N200ZF Airframe logbook entry 3/12/2013 Tach: 587.1 TTAF: 587.1
 Inspected airframe IAW AMM inspection guide... Lubricated airframe IAW AMM... Inspected &
 tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2017... Replaced main
 instrument air filter... Secured brake line fitting @ left wing root ... Performed ground run, all
 systems operational checks passed.
 I certify that this aircraft has been inspected in accordance with an annual condition inspection
 and was determined to be in airworthy condition.

Craig Griswold

Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

REMARKS

Overhauled Sigmatek 4000B-30 DG by Aircraft Quality Instruments,
 (AQI) Inc. on 1-4-2013; tested OK by AQI on 1-4-2013.

Date	From	To	Hours	Min.	Pilot
------	------	----	-------	------	-------

N200ZF Airframe logbook entry 6/24/2011 Tach: 542.6 Hobbs: N/A
 Replaced nose tire inner tube...Cleaned & greased nose wheel bearings...Balanced nose wheel
 assy.

Craig Griswold

Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

N200ZF Airframe logbook entry 2/17/2012 Tach: 560.2 Hobbs: N/A
 Inspected airframe IAW AMM inspection guide...Lubricated airframe IAW AMM...Inspected
 & tested ELT IAW 14CFR 91.207(d), no defects found, batteries due March 2017...Installed
new main battery RG-25XC...Serviced brake fluid reservoir to proper level...Repaired right
 main wheel pant outboard attach bracket...Rotated right main tire on rim for even tire
 wear...Cleaned & greased all wheel bearings...Performed ground run, all systems operational
 checks passed.

I certify that this aircraft has been inspected in accordance with a condition inspection and was
 determined to be in airworthy condition.

Craig Griswold

Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

Total Forward

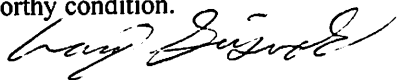
Total to Date

Date	From	To	Hours	Min.	Pilot
------	------	----	-------	------	-------

N200ZF Airframe logbook entry 3/9/2011 Tach: N/A Hobbs: 529.5

Inspected airframe IAW AMM inspection guide...Lubricated airframe IAW AMM...Replaced ELT batteries...Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, batteries due March 2017...Removed landing & taxi lamps...Installed new 100W halogen landing & taxi lamps... Replaced entry assist step grip tape...Applied anti-chaff tape to skin where flaps touch fuselage... Secured both main landing gear bracket attach bolts...Performed ground run, all systems operational checks passed.

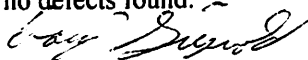
I certify that this aircraft has been inspected in accordance with a condition inspection and was determined to be in airworthy condition.



Craig Griswold
A&P 2730384 IA
Griswold Aviation LLC
www.griswoldaviation.com

N200ZF Engine logbook entry 6/24/2011 Tach: 542.6 Hobbs: N/A

Drained oil...Removed oil filter, cut open & inspected, no defects found...Installed new oil filter & saftied...Serviced engine with 8 qts Phillips X/C 20W-50...Performed ground run, all systems operational checks passed, no defects found.



Craig Griswold
A&P 2730384 IA
Griswold Aviation LLC
www.griswoldaviation.com

Total Forward

Total to Date

Date	From	To	Hours	Min.	Pilot
9/15/09	Changed oil & filter row 50W XC	470.1	tach		XB Fitter

N200ZF Airframe logbook entry 2/16/2010 Tach: N/A Hobbs: 489.3
 Inspected aircraft IAW AMM inspection guide...Lubricated airframe IAW AMM...Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, batteries due 4-2011...Cleaned & greased nose wheel bearings. balanced nose wheel assy...Replaced several rivets in nose strut fairing...
 Repaired lower cowling @ forward left attach plate...Performed ground run, all systems operational checks passed.
 I certify that this aircraft has been inspected in accordance with an ^{Condition} ~~annual~~ inspection and was determined to be in airworthy condition.

Craig Griswold

Craig Griswold
 A&P 2730384 IA
 Griswold Aviation LLC
 www.griswoldaviation.com

Beacon Aviation of Michigan, Inc. 3121 Circle Drive West Lansing, MI 48906 VOOR755X
 LOG ID# 4669 03-March-2010 WO# 4261
 N200ZF S/N 24604 ZWART FRANK RV-6A TACH 489.3

Pg 1 / 1

Transponder KT76A S/N: 124225 was tested and complies with FAR 91.413 IAW FAR 43 App. F. Altitude reporting system was tested to 14,000 feet and complies with FAR 91.411 IAW FAR 43, App. E. This aircraft, airframe, aircraft engine, appliance identified above was inspected in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

Charles Cooper
 Inspector/Authorized Signature

3-3-2010
 Date

for Beacon Aviation of Michigan, Inc. CRS # VOOR755X
 3121 Circle Drive West - Capitol City Airport
 Lansing, Michigan 48906

REMARKS

Phillips oil;

Date	From	To	Hours	Min.	Pilot
3-13-09	cleaned & repacked nose wheel bearings;		429.6		L B Fitch
3-14-09	bled right brake line; filled;		429.6		L. Fitch
	leak check OK - returned to service.				
3-21-09	removed & cleaned both brakes		430.6		
	replaced O-rings w. new rings;				Z B Fitch
3-22-09	replaced left & right brake		430.6		
	linings; cleaned & repacked right wheel bearings				Z B Fitch
	greased nose fork; cleaned & repacked left wheel bearings.		430.6		
3-23-09	cleaned carburetor air filter & reinstalled				Z B Fitch
4-7-09	replaced ELT batteries - no corrosion				Z B Fitch

- N200ZF Airframe logbook entry 4/10/2009 Hour Meter: 430.6
- Inspected airframe IAW AMM inspection guide...Lubed airframe IAW AMM...
- Inspected & tested ELT IAW 14CFR 91.207(d), installed new Duracell D cell batteries...Replaced vacuum relief valve filter...Run up operational checks passed.
- I certify that this aircraft has been inspected in accordance with a condition inspection and was determined to be in airworthy condition.

Craig Griswold
A&P 2730384 IA
Griswold Aviation LLC

REMARKS

- 3-14-09 - Brake fluid had leaked; back pump fluid to master ^{reservoir} cylinder; released air & refilled; no leak upon brake pressure & pumping;
- 3-21-09 leak occurred - replaced O-rings & cleaned; replaced r & l pads
- 3-22-09 brake tested positive - bled lines of air; races looked OK - no scoring; bearings OK - no scoring;
- 3-23-09 - oiled w. K + N oil;
- 4-7-09 - ELT tested positive per instr. panel test;

Date	From	To	Hours	Min.	Pilot
6-8-07	CONDITION Insp		320.9		
11-26-07	OIL CHANGE		337.1		
7-22-08	CONDITION Insp		347.8		

KALAMAZOO AIRCRAFT, INC.
AIRCRAFT MAINTENANCE, INSPECTION & REPAIR
2729 E. MILHAM RD, PORTAGE, MI 49002
269-381-0790 REPAIR STATION NO. K9AR289N

I CERTIFY THAT THE ATC TRANSPONDER(S) WERE TESTED AND INSPECTED
AS PER 91.413 IAW PART 43, APPENDIX F

TRANSPONDER #1 S/N 124225

TRANSPONDER #2 S/N _____

AUTOMATIC ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS PER
91.411 IAW PART 43, APPENDIX E, PARAGRAPH C TO 16,000. FEET.

SIGNATURE Ralph Michael DATE 7/22/08

FORM KA104A

Total Forward

Total to Date

REMARKS

RETURN TO SERVICE NEW TIRES AND TUBES MAIN

RETURN TO SERVICE - MANDATORY SERVICE BULLETINS.
COMPLIED w/ SB 06-2-23 FUEL PICK UP TUBE SAFETYING,
SB 07-11-09 NOSE GEAR & Fork upgrade, SECOR FLAP
ACTUATOR ROD END. 7-22-08 Thank You

Date	From	To	Hours	Min.	Pilot
4/1/05	ANNUAL INSP	Complete	215	1	Frank Zwart
6/1/05	CHANGED T. RES	To opposite	235	0	Frank Zwart
8/9/05	10:40 AM BY TOWER	ELT TRANSMITTED MYSTERIOUSLY AS LAST FLIGHT WAS ON			
8-11-05	Replace ELT BATTERIES AND Panel	258.			INDICATOR BATTERY Frank Zwart
9-9-05	CHANGE OIL & Filter		265	8	Frank Zwart
11-29-05	NEW BRAKE PADS	066-10600	280	4	Frank Zwart
5-25-06	ANNUAL INSP	COMPLETE	298	0	Frank Zwart
Total Forward					
Total to Date					

REMARKS

→ WITH OIL CHANGE AND FILTER

8/6/05 (PROBABLE CAUSE - ADJUSTED ~~PROBABLE~~ SWIVABLE NOSE WHEEL PRESSURE TRYING TO DETERMINE PRESSURE TO CORRECT OCCASIONAL WHEEL SHIMMY. DETERMINED BY RECENT EXPERIENCE THAT ADJUSTMENT NEEDED WAS MORE PRESSURE, NOT LESS. ON LAND AT TXN THE WHEEL SHIMMED MORE WHICH COULD HAVE LOOSENED ELT MECHANISM TO TRIGGER OPERATION WHICH THREE DAYS LATER THE EXTREME HEAT IN HANGER POSSIBLY SET IT OFF. ON 8-9-05 RECEIVED CALL FROM AIRPORT, SEARCH + RESCUE, AND A WMI REPRESENTATIVE AT 5:00 P.M. TO THE ABOVE REGARDS. THEY STATED AROUND 4:10 P.M. THAT IT WAS PICKED UP BY SATELLITE. CONTACT TOWER AZO AND THEY SAID IT WAS NOTED AT 10:00 A.M. THAT DAY.)

→ RETURNED TO SERVICE 5/25/06

Date	From	To	Hours	Min.	Pilot
11-15-00	1st FLIGHT		0	50	F Zwart
11-15-00					
11-14-01	ANNUAL INSP		49	90	F Zwart
12-21-01	DYNAMIC PROP BALANCE		55	9	
4-10-02	CHANGED RIGHT TIRE ON HUB		76	8	
6-6-02	CHANGED OIL + FILTER		82	2	
11-26-02	ANNUAL INSP		122	3	F Zwart
11	CHANGED OIL + FILTER		125	2	
3-18-03	New condor main Tires + Brake pads		132	2	F Zwart
3-20-03	new Bill BATT GO2050899		139	6	11
5-10-03	CHANGED OIL + FILTER		140	8	F Zwart
11-01-03	CHANGED OIL + FILTER		172	1	
12-5-03	ANNUAL INSP completed		172	1	Frank Zwart
5-12-04	CHANGED OIL + FILTER		187	4	Frank Zwart
Total Forward					
Total to Date					

REMARKS

Engine DATA NORMAL - VIBRATION AT 7 RPM needs FURTHER CK OUT
DYNAMIC PROP BALANCE 12-21-01
REPLACED VOLTAGE REG 2-2-02
REPLACED TIRES AND BRAKE PADS 2-28-03

KALAMAZOO AIRCRAFT, INC.
AIRCRAFT MAINTENANCE, INSPECTION & REPAIR
2729 E. MILHAM RD. PORTAGE, MI. 49002
616.381.0790 REPAIR STATION NO. K9AR289N

I CERTIFY THAT THE ATC TRANSPONDER(S) WERE TESTED AND INSPECTED
AS PER 91.413 IAW PART 43, APPENDIX F.

TRANSPONDER #1 S/N 124225

TRANSPONDER #2 S/N

AUTOMATIC ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS PER
91.411 IAW PART 43, APPENDIX E, PARAGRAPH C TO 18,000 FEET.

SIGNATURE Ralph Michael DATE 10/16/03

FORM KA104A

ENGINE CHANGES

Date Oct-2000 Make & Model Lyc 0360-A1A Serial No. L-36700-36 A.P. 180

Date _____ Make & Model _____ Serial No. _____ H.P. _____

Date _____ Make & Model _____ Serial No. _____ H.P. _____

MISCELLANEOUS MODIFICATIONS (With Dates)

I CERTIFY THAT THE FOLLOWING AEROBATIC MANEUVERS HAVE BEEN TEST FLOWN AND THE AIRCRAFT IS MANEUVERING CONTROLLABLE IN ITS NORMAL RANGE OF SPEEDS AT 1368 TOTAL AIRCRAFT WEIGHT, 10 GALLON TOTAL FUEL, AT 74.02 MOMENT FOR LOOPS AND AILERON ROLLS

CHANGES OF OWNERSHIP

Date _____ Sold To _____

Date _____ Sold To _____

Date _____ Sold To _____

Date _____ Sold To _____

PILOTS CHECKED OUT IN THIS AIRPLANE

[illegible]

CONSTRUCTION MATERIALS

WINGS: Spars ALUM Ribs ALUM Cover ALUM

FUSELAGE: Longerons _____ Formers _____

Firewall STAINLESS Stringers ALUM Cover ALUM

TAIL: Spars ALUM Ribs ALUM Cover ALUM

LANDING GEAR: Legs STEEL Axles STEEL Wheels ALUM

EXTERNAL BRACING: STRUTS NA WIRES NA

FINISHES

Finish Dope or Paint PAINT Metal Finish (Skin) DUPONT ENRON on ALUMINUM

SERVICING INFORMATION

Fuel Grade 100LL Gallons 30 Type & Grade Engine Oil XC 20W-50

Brake Fluid _____ Oleo Fluid NA Tire Pressure 30 PSI

FAA APPROVAL

APPROVED FOR FLIGHT

PERMANENT
AIRWORTHINESS
CERTIFICATE ISSUED

Date	Inspector
11/02/2000	I find that the aircraft meets the requirements for the certification requested and have issued a Special/Standard airworthiness certificate to aircraft, N <u>200ZF</u> .
	Signed: <u>[Signature]</u> Date: <u>11/02/2000</u>
	<u>GRR FSDO</u>
	Builder Sign Phase I Completed
Date	
6-07-01	<u>[Signature]</u>

91.319 Endorsement _____

AMATEUR-BUILT AIRPLANE

MAKE & MODEL ZWART RV-6A

Serial No. 24604 Registration No. N200ZF

DESCRIPTION _____

Wing Span 23' Wing Area _____ Length 21'

Empty Weight 1083 Gross Weight 1750 Limiting Speed (Vne) 210

Built By: FRANK ZWART

Date October 2000

Original Design By: R VAN GRUNSVEN Built From Plans By: VANS AIRCRAFT
KIT