

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N4387K

Aircraft Mfg. RYAN Model NAVION - A Serial No. NAV-4-1387

Engine Mfg. CONTINENTAL Model E-185-9 Serial No. 6136-D-5-9

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. HARTZELL Model HC-12V207D Serial No. R369

Hub Design No. _____ Hub Serial No. _____

Blade Design No. V 8433N Blade Serial No's. E89465 / E89461

CLAMPS K6190/K6228

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AERO
TECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
8 JUN 96	3503.81	2561.83	AD LOG BOOK SYSTEM ACTIVATED THIS DATE. INSPECTED AIRCRAFT, LUBED AIRFRAME, PARKED ALL WHEEL BEARINGS, REPLACED NOSE GEAR TIRE, INSTALLED NEW ACK TECHNOLOGIES INC ELT MODEL E-01 S/N 020153 IN ACCORDANCE WITH FAR 91.207d. SEE INSPECTION STATUS SHEET FOR BATTERY REPLACEMENT DATE. 337 NOT REQUIRED IAW PHILADELPHIA PSDO #17. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.  Frank W Maile AP 200462234 1A
1 JULY 97	3528.65	2586.57	INSPECTED AIRCRAFT, LUBED AIRCRAFT, INSPECTED ALL CABLES AND PULLEYS, SERVICED BATTERY, REPLACED NOSE GEAR HYDRAULIC HOSES WITH NEW. INSPECTED ELT IN ACCORDANCE WITH FAR 91.207d. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.  AP 200462234 1A

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14 JUL 198	3554.83	2612.85	INSPECTED AND LUBED AIRCRAFT, SERVICED BATTERY, INSPECTED CABLES & PULLEYS, INSPECTED ELT IAW FAR 91.207D. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. F. W. M. A. L. AIP 2004622341A
6-24-99	3569.21	2627.83	LUBED AIRCRAFT LANDING GEAR, PULLEYS, CABLES AND REPACKED WHEEL BEARINGS, REPLACED ELT BATTERIES WITH DURACELL MN1300 BATTERIES. PERFORMED OPERATIONAL CHECK OF ELT IAW FAR 91.207D. LUBED CANOPY RAILS AND PILOT + CO-PILOT SEAT RAILS. PERFORMED OPERATIONAL RETRACTION AND EXTENSION OF LANDING GEAR. INSTALLED COVER PANEL IN INSTRUMENT PANEL AFTER MARK III RADIO WAS REMOVED J. J. Jomax AIP 059464945

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9-10-03			JACKED AIRCRAFT AND CYCLED LANDING GEAR. LUBED GEAR GREASE FITTINGS AND LUBRICATED ALL CABLE PULYS WITH LPS 2. REPLACED ELT BATTERIES AND PERFORMED OPERATIONAL CHECK OF ELT ACCORDING TO MANUAL. CHECKED WAS IGNITION SWITCH PER AD 76-7-12. REPACKED WHEEL BEARING AND INSPECTED BRAKE LININGS. <i>DD Jomax ATP 05946445</i>
09-12-03	3611	30	G/W AD 55-01-01 FUELAGE CAPS, 59-06-01 HYDRAULIC CYLINDER CAPS, 68-20-06 PUMP HOSE INSPECTION G/W BY INSPECTION ALL PKE AT 3711 TOTAL TIME. BENDIX AD 76-07-12 COMPLIED WITH BY OPERATIONAL CHECK DUE 09-2004/3711 AD LIST AD SECTION OF THIS LOG. ELT CHECKED 11AW FRA 91-207 J. I CERTIFY THAT THIS A/C HAS BEEN INSPECTED 11AW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN APPROPRIATE CONDITION. <i>Paul M. Mikes AP 070404511A</i>
10-5-05	3644.8 3614.8	33.8	Replaced frayed/burned wiring behind instrument panel with new wire. Rearranged flight instruments to standard configuration. Relocated radio rack to center of instrument panel. Replaced old circuit breakers with new. Replaced old instrument panel mounted switches with new. Replaced old vacuum hoses with new. Replaced old central vacuum filter with new. Replaced old pitot/static hoses and fittings (over-)
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(cont)			behind instrument panel with new. Replaced old wheel post light with new wheel LED post lights. Note cigar lighter wired for 5 amp, VDC aux pow recepticle. All replacement parts purchased from Aircraft Spruce and Specialty. (see invoice) Repaired nose landing gear drag link hat channel. Jacked aircraft and cycled landing gear and performed emergency extension. No defects noted. Replaced battery to starter relay cable with new. Inspected ELT I/A/w Far 91.207(d) no defects noted. Lubricated aircraft I/A/w service manual Checked cat control surface cable tensions, found within tolerance. C/w AD 55-1-1 (Fuselage cracks) via visual inspection no defects noted, next compliance due TIAF ^{3714.8} 3744.8 . C/w AD 59-6-4 (Hydraulic Actuating Cylinders) via inspection, no defects noted, next compliance due TIAF ^{3714.8} 3744.8 . C/w AD 68-20-6 (Rudder Horn) via visual inspection, no defects noted, next compliance due TIAF ^{3714.8} 3744.8 . C/w AD 76-7-12 (Bendix mag switch) via ops check, no defects noted, next compliance due TIAF ^{3714.8} 3744.8 . C/w AD ²⁰⁰⁵⁻¹²⁻⁰⁶ 96-12-7 (Impulse couplings) via replacement of left and right magneto impulse couplings with new next compliance due TIAF ^{4114.8} 444.8 . AD's current thru Bi-weekly 2005-20. I certify that this aircraft has been inspected i/a/w an annual inspection and was found to be in airworthy condition. Raymond A. Jorgensen AP15480544 IA : NOTE AD 2005-12-06 Does not apply via engine make. The inspection interval remains 500 hrs TIS.

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4-3-06	3615.0	34.0	Inspected ELT per FAR 91.207(d). No defects noted. Batteries expire 4/08. C/w AD 55-1-1 (Fuselage cracks) via visual inspection, no defects noted. Next compliance due TIAF 3715.0. C/w AD 59-6-4 (Hydraulic Actuating Cylinders) via inspection, No defects noted, next compliance due TIAF 3715.0. C/w AD 68-20-6 (Rudder horn) via visual inspection, no defects noted, next compliance due TIAF 3715.0 C/w AD 76-7-12 (Bendix mag switch) via ops check, tested good on/off. Next compliance due TIAF 3715.0. Note: AD 2005-12-06 (Impluse coupling) not due at this time, Next compliance due TIAF 4114.8. I certify that this airframe has been inspected I/A/w an annual inspection and was found to be in an airworthy condition. Raymond A. Jozayko AP15480544IA.
3-23-07	3642.7	60.7	Inspected ELT per FAR 91.207(d). No defects noted. Batteries expire 4/08. C/w AD 55-1-1 (Fuselage cracks) via visual inspection, no defects noted. Next compliance due TIAF 363742.7. C/w AD 59-6-04 (Hydraulic
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			A/S # BU 2 R 729K, reinstalled, ops check and leak check good. (see repair yellow tag), R+R nose wheel bearings (2) P/N 13889 and race (2) P/N 13836. Raised aircraft, swung gear 6 times and checked emergency gear extension 3 times no defects noted. I certify that this airframe has been inspected I/A/w an annual inspection and was found to be in airworthy condition. Raymond A. Jergyle 15480544 IA — END —
			I certify that the ATC Transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Work Order No. <u>21558A</u> Date <u>5-28-08</u> Transponder No. 1: Model No. <u>RT-76A</u> S/N <u>N/A</u> Transponder No. 2: Model No. _____ S/N _____ AUTHORIZED SIGNATURE: <u>Matthew T. Long</u> FOR: NORTH ATLANTIC AIR, INC. FAA Approved Repair Station No. C85R585N West Side Beverly Airport PO Box 349 Danvers, Massachusetts, 01923 978-774-2070
			I certify that Altimeter, Static Pressure System and Automatic Pressure Altitude Reporting Equipment System tests and inspections required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E. The altimeter was tested to an altitude of <u>20000</u> FT. Mfg/Model <u>United</u> P/N <u>5934-1</u> S/N <u>N/A</u> Work Order No. <u>21558A</u> Date <u>5-28-08</u> AUTHORIZED SIGNATURE: <u>Matthew T. Long</u> FOR: NORTH ATLANTIC AIR, INC. FAA Approved Repair Station No. C85R585N West Side Beverly Airport PO Box 349 Danvers, Massachusetts, 01923 978-774-2070

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATION
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04/02/2013 Navion N4387K Tach time: 0086.7 Aircraft total time: 3

- 1). Removed, cleaned, inspected both wing section fuel tanks. Re-installed throughout reassembly I/A/W Navion M/M page 25 figure 13 and page 78 f
- 2). Installed serviceable spinner I/A/W provided instructions. See yellow tag
- 3). Serviced main landing gear and nose struts I/A/W Navion M/M instructio
- 4). Adjusted landing gear down lock I/A/W chapter 4 of Navion M/M. Cycled extension, no defects noted.
- 5). Installed new left and right main and nose tires, serviced to proper press
- 6). Replaced all hardware with new AN hardware in rudder and elevator hin
- 7). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing in figure 5 on page 7.
- 8). Complied with AD 2008-05-14. Installed approved fuel selector valve s/n AD 2008-05-14.
- 9). Installed Airwolf remote mount oil filter system (STC# SA00079NY) I/A/W continued airworthiness/STC/337 in log book.
- 10). Removed generator and installed Plane Power alternator and regulator Instructions for continued airworthiness/STC/337 in log book. Weight and b


Mark Macey A&P 3418738

end

SERVICEABLE

ASEI, INC

FAA REPAIR STATION # XNDR054L

4975 CLARK HOWELL HWY. UNIT 2G

COLLEGE PARK, GA 30349

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON BACK WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

WORK ORDER NO. 7173

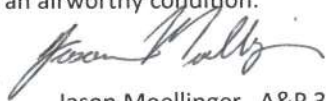
DATE Feb 4, 2010

INSPECTOR



ACFT TT 3668.7 Tach 86.7 4/4/13

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.



Jason Moellinger A&P 3121407 IA

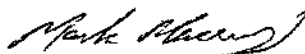
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07/11/2014 Navion N4387K Tach time: 118.7 Aircraft total time: 3700.7

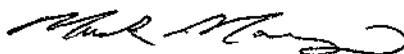
- 1). Removed/Replaced all inspection panels, and interior for inspection.
 - 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
 - 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
 - 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
 - 5). Inspected and tested ELT I/A/W FAR 91-207D1234.
 - 6). Removed fat washers from front mounting of Horizontal Stab. Installed thin washers for nut to thread penetration.
 - 7). Complied with AD 55-1-1 per visual inspection per AD item 1 (C). Next due: 3800.7 or 7/11/2015
 - 8). Complied with AD 68-20-6 per visual inspection of rudder horn. Next due: 3800.7 or 7/11/2015
 - 9). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D). Next due: 3800.7 or 7/11/2015
- For further AD information, see 2014 AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.



Mark Macey A&P 3418738 IA

07/20/2015 Navion N4387K Tach time: 141.2 Aircraft total time: 3723.2

- 1). Removed/Replaced all inspection panels, and interior for inspection.
 - 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
 - 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
 - 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
 - 5). Inspected and tested ELT I/A/W FAR 91-207D1234.
 - 6). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
 - 7). Complied with AD 68-20-6 per visual inspection of rudder horn.
 - 8). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).
- For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.



Mark Macey A&P 3418738 IA

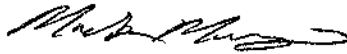
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07/16/2016 Navion N4387K Tach time: 155.2 Aircraft total time: 3737.2

- 1). Removed/Replaced all inspection panels, and interior for inspection.
- 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
- 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
- 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
- 5). Inspected and tested ELT I/A/W FAR 91-207D1234. Due replacement 05/18
- 6). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
- 7). Complied with AD 68-20-6 per visual inspection of rudder horn.
- 8). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).

For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.

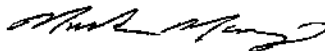


Mark Macey A&P 3418738 IA

04/24/2017 Navion N4387K Tach time: 170.3 Aircraft total time: 3752.3

- 1). Removed/Replaced all inspection panels, and interior for inspection.
- 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
- 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
- 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
- 5). Inspected and tested ELT I/A/W FAR 91-207D1234. Due replacement 05/18
- 6). Installed new AERO CLASSIC tires on both main and nose gear.
- 7). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
- 8). Complied with AD 68-20-6 per visual inspection of rudder horn.
- 9). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).

For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.



Mark Macey A&P 3418738 IA

05/1/2018 Navion N4387K Tach time: 177.6 Aircraft total time: 3759.6

- 1). Removed/Replaced all inspection panels, and interior for inspection.
- 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
- 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
- 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
- 5). Inspected and tested ELT I/A/W FAR 91-207D1234.
- 6). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
- 7). Complied with AD 68-20-6 per visual inspection of rudder horn.
- 8). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).

For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.

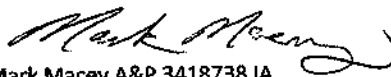


Mark Macey A&P 3418738 IA

6/6/2019 Navion N4387K Tach time: 185.5 Aircraft total time: 3767.5

- 1). Removed/Replaced all inspection panels, and interior for inspection.
- 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
- 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
- 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
- 5). Inspected and tested ELT I/A/W FAR 91-207D1234.
- 6). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
- 7). Complied with AD 68-20-6 per visual inspection of rudder horn.
- 8). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).

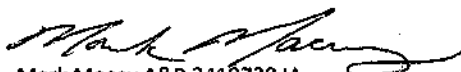
For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

6/26/2020 Navion N4387K Tach time: 187.3 Aircraft total time: 3769.3

- 1). Removed/Replaced all inspection panels, and interior for inspection.
- 2). Lubed all pulley clusters and pivot points I/A/W Navion M/M servicing instructions page 3 figure 4 and lubrication chart figure 5 on page 7.
- 3). Cleaned and greased mains and nose wheel bearings, inspected brakes, tires/ pressures and wheels.
- 4). Jacked aircraft and inspected/tested landing gear extension and retraction.
- 5). Inspected and tested ELT I/A/W FAR 91-207D1234.
- 6). Complied with AD 55-1-1 per visual inspection per AD item 1 (C).
- 7). Complied with AD 68-20-6 per visual inspection of rudder horn.
- 8). Complied with AD 76-7-2 Rev. 1 per ops check I/A/W AD item 1 (A-D).

For further AD information, see AD list. I certify that this AIRCRAFT has been inspected I/A/W an **ANNUAL INSPECTION** per FAR 43 Appendix D and was determined to be in an airworthy condition.


Mark Macey A&P 3418738 IA

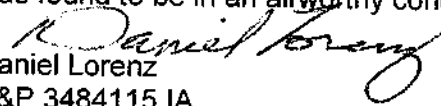
Airframe

N4387K Ryan Navion A S/N: NAV-4-1387

11/1/2021

Tach: 194.5 TT: 3776.5

Cleaned aircraft and lubed per MM including packing all wheel bearings with Aeroshell 22. Inspected fuel strainer. Jacked aircraft and swung gear with a hydraulic cart. Performed emergency extension. Serviced nose strut with nitrogen. Replaced 16 tinnerman nut plates A6195-8Z-1D. 5 post light covers 11-470807-000 installed. Inspected ELT per FAR 91.207 (d), due again in 12 months. AD 59-06-04 Hydraulic actuating cylinders, found no cracks, due again next annual. AD 58-20-06 Rudder horn Eff. Date: 10/3/68 No cracks or corrosion, due again next annual. AD 76-07-12 Ignition switch Eff. Date: 8/30/77 Ops check good. Due again in 100 hr. I certify that this Airframe has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.


Daniel Lorenz
A&P 3484115 IA

Big River Aviation Sullivan, LLC

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