



N91112 Vol I
A/F

DO NOT REMOVE FROM AIRPLANE

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NORTH AMERICAN AVIATION, INC.
N•A•REPORT NO.46-436 PRINTED IN U•S•A

AIRCRAFT LOG

LOG BOOK # 2

AIRCRAFT DESCRIPTION

Manufacturer NORTH AMERICAN AVIATION INC Place _____ Date _____

License No. N91112 Type NAV107 Serial No. 4015

Description _____

Reconstructed By _____ Place _____ Date _____

Seating Capacity (Crew Included) _____ Weight Empty _____ Weight Loaded _____

Wing Area _____ Sq.Ft. Control Area _____ Sq.Ft. Span _____ Length _____

Tires Main _____ Tire Tail _____ Brakes _____

Owner Ralph Abercrombie Address 6100 S. Yale Suite 1816

City Tulsa State OK 74136

The Standard
AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

LOG BOOK # 3

Manufacturer NORTH AMERICAN Model NAVION
Serial NAV-4-015 Registration Number N9611Z
Date of Manufacture SEPT 1946

Engine(s) currently installed:

Manufacturer CONTINENTAL Model IO 520 B Serial 200579-70B
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCawley Model D2A 34C58-NO
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

DATE 19 98	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
AUGUST 13, 1998		ANNUAL		INSPECTION - TACH 89.5 A/C TT 2661.0
				1. Control cable tensions checked
				2. Gear retract rigging inspection and lubrication 4w
				3. Serviceable NYAB hydraulic pumps installed. P/N 670025 S/N A0-434650
				4. New hydraulic supply hose installed. New output hose installed. P/N 11F417-5 50144 + P/N 11F504-6 50113 fabricated by Precision Hose Technology, Tulsa, OK.
				5. Serviceable hydraulic regulator body (ITEM 3608) installed. Regulator repaired with new "O" rings - pressure set to 1100 psi IAW M/M
				6. New hydraulic reservoir filter (Fram C 233 PL) installed.
				7. Overhauled vacuum pump installed. RAPCO, Inc O/H P/N 212CW S/N 7H5553.
				8. New hose installed between ^{vacuum} pump and vac. regulator.
				9. AD 55-1-1 (Rear tail frame cracks) 4w by inspection.
				10. AD 52-26-01 (Horizontal stabilizer cracks) 4w by inspection.
				11. AD 76-07-12 (Mag grounding inspection) 4w by inspection
				12. AD 59-06-04 (Hydraulic actuating cylinder) 4w by inspection
				13. AD 62-03-03 (Landing selector valve fitting) 4w by inspection.

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14. AD	68-20	-06	(Rudder horn)	9/13 by inspection. I certify that I have inspected this AIRCRAFT in accordance with an ANNUAL inspection and have determined that it is in an airworthy condition <i>Edward F Cowdry A+P 549506182 IA</i>
<u>DEC 8, 1999 OVERHAUL EXHAUST SYSTEM</u>				
TACH	126.9	Ac	TT 2698.4	Eng TT 1154.4 Eng TT 5404 760.4
The entire exhaust system was overhauled by Wall Colomony Corp in Oklahoma City, Ok. The following parts were overhauled: Muffler 492-27R Muffler 492-43R Stack 35950004-73R Stack 35950004-79R Tailpipe 35950005-9R Tailpipe 35950005-11R				
See W/O SO-0096498 dated 11/11/98. The exhaust system was installed using new Rapco blow-proof flange gaskets, P/N SA-628260 and new hardware and exhaust nuts. <i>Edward F Cowdry A+P 549506182</i>				

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
SEPT 10, 1999		ANNUAL INSPECTION		
TACH 168.8		A/C TT 2740.3		
Complete airframe lube accomplished				
Retract gear check rigging				
Cable tensions checked				
Installed new Ack Model E-01 ELT 1AW Ack Technologies				
Installation manual Rev 8/12/98. Inspected FAW AC43131A				
para 12-22 and FAR 91.207. 8 Duracell "D" batteries				
installed with an expiration date of [MAR 2004]. A PX28L				
battery installed in RCP. Change in [SEPT 2007].				
Air inlet filter changed. Installed Bracket BA-4305 element				
Replaced cable from HCV to nose gear uplock torque shaft				
belcrank. P/N 143-33175-10				
Checked ships battery for water and proper charge.				
AD 55-1-1 Rear tail frame cracks - YW by inspection				
AD 52-26-01 Horizontal stabilizer cracks YW by inspection				
AD 76-07-12 Mag grounding check YW				

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DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				AD 59-06-04 Hydraulic actuating cylinders 9w by inspection
				AD 62-03-03 Landing gear selector valve fitting 9w by inspection
				AD 68-20-06 Rudder horn - 9w by inspection.
				I certify that I have inspected this AIRCRAFT and have determined that it is in an airworthy condition.
				Donald B Carduy AP5495061RZ IA
				Transponder system, Make <u>King</u> , Model <u>KT-26A</u> SN <u>061512</u> , has been inspected and meets the requirements of FAR 91.413 & FAR 43, appendix F. Date <u>11/11/99</u> <i>[Signature]</i>
				I certify that altimeter and static test required by far part 91.411 have been performed. Static system test date <u>11/11/99</u> altimeters tested to <u>20K</u> feet. Alimeter SIN <u>REISSUE 11/11/99</u> For: FAA CRS#S30R818N

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>99</u> <u>100</u>				
Dec 8, 1999				ALTERNATOR CHANGE + ALT OUT SENSOR CHANGE
	TACH 194.2		A/c TT 2765.7	
	Alternator replaced with overhauled unit. Overhauled by ElectroSystems, Inc Cert # UT 2 R 226 L. Alternator model AL 49424, S/N 9102724. FAA Form 8130-3 in maintenance records. Alternator out sensor replaced with new, P/N 36-380000-1 S/N 440. System ops checked good.			
	Charles H Cowley A+P 549506182			
Feb 20, 2000				WHEEL BEARING LUBE
	TACH 198.8		A/c TT 2770.3	
	All 3 wheel bearings inspected and repacked with grease. New nose wheel bearings replaced with new, P/N 13830 + 13889, manufactured by Timken. All landing gear components lubed and a gear retract was accomplished.			
	Charles H Cowley A+P 549506182			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2000				
OCT 1, 2000				ANNUAL INSPECTION
	TACH 225.1			Alt II 2776.7
				• Airframe lube accomplished
				• Retract landing gear + check rigging
				• Control surface cable tension set
	AD 55-1-1			Rear tail frame cracks 9w by inspection
	AD 52-26-00			Horizontal stabilizer cracks, 9w by inspection
	AD 76-07-12			Mag grounding check - 9w
	AD 59-06-04			Hydraulic actuating cylinders 9w by insp.
	AD 62-03-03			Landing gear selector valve fitting 9w by insp.
	AD 68-20-06			Rudder horn - 9w by inspection
	I certify that I have inspected this AIRCRAFT and have determined that it is in an airworthy condition			
				Richard A. Cowden A1549506182 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2000				
NOV 8,	2000			
				NEW MAG COMPASS INSTALLED
				AIRPATH C2400 LHP NO S/N. COMPASS SWING PERFORMED. ERRORS NOTED ON COMPASS CORRECTION CARD.
				David J. Cawley AP 549 JD 6182
NOV 2,	2001			
				ANNUAL INSPECTION
	TACH 292.2		ACTT 2863.7	
				• Total airframe lubrication accomplished
				• Landing gear retract test performed. All 3 wheels, bearings inspected and repacked
				• ELT batteries. Voltages tested - all 8 above 1.590 volts
				• New Gill G-35 battery installed S/N ON G-1973015 S/N OFF G-1706960
				• New instrument vacuum regulator filter (B3-5-1)
				• New hydraulic filter installed (Type WIX)
				• New brake hoses installed 4ea. Brake master cylinders to floor (2ea) and master cylinder to supply on firewall (2ea). Hoses fabricated by Precision Hose Technology in Tulsa, Ok.

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2008				3 ea P/N 111417-450132 and 1 ea P/N 111417-450152. Brakes bleed and ops tested.
	AD 55-1-1	Rear		tail frame cracks. 9w by inspection
	AD 52-26-01	Horizontal		stabilizer cracks. 9w by inspection
	AD 76-07-12	Magneto		grounding check 9w
	AD 59-06-04	Hydraulic		actuating cylinders. 9w by inspection.
	AD 62-03-03	Landing		gear selecting valve fitting. 9w by inspection
	AD 68-20-06	Rudder		horn. 9w by inspection
	I certify that I have inspected this AIRPLANE and have determined that it is in an airworthy condition.			
	Donald F Cardley A+P 549506182 IA			
	Nov-27-2001	Tach	297.6	ACFT 2869.1
	Installed new Hobbs oil pressure OUT lite pressure switch P/N 76577-NC. leak checked OK			
	Donald F Cardley AP 549506182			

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2001	Dec 1, 2001			Biennial IFR equipment certification



SOUTHWEST AVIATION SPECIALTIES, LLC

918/298-4044 FAX 918/298-6930

LOGBOOK ENTRY

N91112
WO#
1-Dec-01

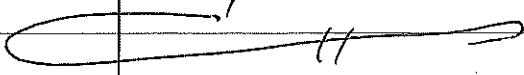
Pertinent Remarks:

I certify that altimeter and static test required by far part 91.411 have been performed. Static system test date ~~1-20-01~~ altimeters tested to 20k feet. Altimeter SIN 205 DATE 1-Dec-01 SIGNED [Signature]

For: Transponder system, Make Bugs, Model KT-76A SN 04512 has been inspected and meets the requirements of FAR 91.413 & FAR 43, appendix F. Date 1-Dec-01

FAA CRS#R0R010N

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2003				
JAN 17, 2003				ANNUAL INSPECTION
	TACH - 339.9			ALTT 2911.4
				◦ TOTAL AIRFRAME LUBRICATION ACCOMPLISHED
				◦ LANDING GEAR RETRACTION + RIGGING TEST ACCOMPLISHED
				◦ ELT BATTERIES VOLTAGES TESTED
				◦ CONTROL CABLES AND CABLE TENSION CHECKED
				◦ AD 55-1-1 REAR TAIL FRAME CRACKS. C/w BY INSPECTION
				◦ AD 52-26-01 HORIZONTAL STABILIZER CRACKS - C/w BY INSP.
				◦ AD 76-07-12 MAGNETO GROUNDING CHECK C/w
				◦ AD 59-06-04 HYDRAULIC ACTUATING CYLINDERS C/w BY INSP
				◦ AD 62-03-03 LANDING GEAR SELECTING VALVE FITTING - C/w BY INSP
				◦ AD 68-20-06 RUDDER HORN C/w BY INSPECTION
				I certify that I have inspected this AIRPLANE and have determined that it is in an airworthy condition.
				Paul D. Gundry A+P 54950618Z IA
				

DATE 2004	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
FEB 9, 2004	TACH 348.6		ANNUAL INSPECTION A/C TT 2920.1	
•	LANDING GEAR	RETRACTION	Accomplished.	No re-tigging required
•	All control cables	checked for wear	and tension	adjusted
•	EHT batteries	inspected for proper voltages	-	EHT ops checked
•	Airframe lubrication	accomplished		
•	AD 55-1-1	REAR TAIL FRAME CRACKS	-	✓w by inspection
•	AD 52-26-01	HORIZONTAL STABILIZER CRACKS	-	✓w by inspection
•	AD 59-06-04	HYDRAULIC ACTUATING CYLINDERS	-	✓w by inspection
•	AD 62-03-03	LANDING GEAR SELECTOR VALVE FITTING	-	✓w by inspection
•	AD 68-20-06	RUDDER HORN	-	✓w by inspection
•	AD 76-07-12	MAGNETO GROUNDING CHECK	-	✓w
<p>I certify that I have inspected this AIRPLANE and have determined that it is in an airworthy condition - Weld & Cooney AP 549506182 IA</p>				

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2004				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
March 23, 2004 Biennial IFR equipment certification				

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SOUTHWEST AVIATION SPECIALTIES, LLC

918/298-4044 FAX 918/298-6930

04-207
23-Mar-04
N9112

LOGBOOK ENTRY

Pertinent Remarks:

I certify that altimeter and static test required by for part 91.411 have been performed.

Altimeter SN 205 Tested to 20k feet

DATE 3-23-04 SIGNED [Signature]

For: Southwest Aviation Specialties, L.L.C.
FAA CRS #S30R818N

Transponder system, Make King, Model KF-76A

SN 2512, has been inspected and meets the requirements of FAR 91.413 & FAR 43, appendix F.

Date 3-23-04 Signed [Signature]

For: Southwest Aviation Specialties, L.L.C.
FAA CRS #S30R818N

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DATE 2004	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
JULY 16, 2004		TACH	389.0	AC TT 2960.5 BATTERY SERVICE Battery remove for service, Complete charge and tested. All cells are even their charge level, Water added, Battery reinstalled. Donald A. Endrey A# P549 506182
Aug 26 2004				I have inspected shoulder harness installation and found to be IAW 43.13 b. Verified proper material used in webbing of said harness. As to the work inspected above I find it to be in an airworthy condition on this date and therefore return the aircraft to service This date. A.I. Christopher A. Albrecht C/lt A. Al See certification of re-webbing of all belts at rear of this log book