



AVID MAGNUM

N 103 DG

AMATEUR-BUILT AIRCRAFT LOG BOOK

Date	From	To	Hours	Min.	Pilot
4-22-19	TRANSPONDER CERTIFICATION - MAY 1 DAY		AVIATION	See slip in folder	

5/11/2020 Avid Magnum N103DG TTAf 1390

Performed condition inspection per FAR 43 Appendix D Checklist. Lubricated pulleys, pivots and hinges. Checked cables, controls for proper function. Inspected tubing and fabric. Checked ELT per FAR 91.207D 1-4, reinstalled and armed, next battery change due 4/2022. Brakes and wheels serviced by owner, hydraulic landing gear struts removed from floats for service, by owner. Amphibious landing gear noted to cycle in normal fashion. Airframe is found to be in condition for safe operation.
Paul Nicholls A&P 3384234

P. Nicholls A&P 3384234

5/11/2020	REPAKED MAIN GEAR BEARINGS - CHECKED BRAKES - REINSTALLED REMOVED WINTER ANT-CORROSION OIL & INSTALLED NEW OIL FILTER AND 6 qts AeroShell 15W-50 oil FILTER changed Bled Brakes AND checked all gear operations - REMOVED & put new seals in float hydraulic cylinders oil operation All good				
Total Forward					
Total to Date					

Randy F. Seamon
member

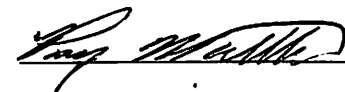
REMARKS

RM AVIATION INC.

5/30/2021 N103DG Avid Magnum S/N: 6M

Tach: 1431.76 TTAf: 1431.76

Cleaned Aircraft. Removed cowlings and all Inspection Covers. Inspected fuel sump. Inspected and Lubed All Rod Ends, Pulleys, Hinges, Bell Cranks And Cables. Inspected Tires and brakes. Inspected floats for any hydraulic leaks, and checked condition at all attachment points, lubed all pulleys, cables, and rudders on floats. Checked All Lights, Inspected air filter, Tested ELT IAW FAR 91.207 (d), tested OK. Battery due date: July/2022. Checked All AD's Thru 2021-10 See AD List: I Certify This Aircraft Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.



Roy Matthews
A&P3484919 (IA)

5/30/21 REMOVED TRANSPONDER AS NOT BEING AOSB COMPLIANT.

No change in weight & balance needed. RNAV, SOG, etc, etc



MIDWEST AVIATION SERVICE'S
730 Lincoln Lake Avenue South East, Lowell, MI, 49330
Phone: 231-578-8883

04-03-2018 N103DG Avid Magnum S/N: 6M Lycoming O-320-H2AD S/N: L-1677-76 Tach: 1347.17
TTAF: 1036.67

Performed condition inspection per FAR 43 Appendix D Checklist; lubed all pulleys, rod ends, cables, hinges, and checked for proper movement. Checked and tested ELT Per 91.207 replaced battery's and next due 04-2020. Removed wheel bearings inspected and greased reinstalled. Inspected floats for hydraulic leaks, and condition and attach all points, lubed all cables, pulleys, and rudders on floats. Performed gear swings no defects noted at this time. Aircraft is found to be in airworthy condition at this time.

Walter H Paegel IV
Walter H Paegel IV AP: 3737207



MIDWEST AVIATION SERVICE'S
730 Lincoln Lake Avenue South East, Lowell, MI, 49330
Phone: 231-578-8883

06-27-2018 N103DG Avid Magnum S/N: 6M Lycoming O-320-H2AD S/N: L-1677-76 Tach: 1347.56

Repaired right front baffle on engine. Installed master cylinder seal kit on left brake with P/N: PPBMC33 for master cylinder 10-35. Swapped master cylinder from left to right and ops checked brakes and no defects noted at this time. All work performed above is in airworthy condition at this time.

Walter H Paegel IV
Walter H Paegel IV AP: 3737207

REMARKS

DATE TACH TIME

4-6-2019 1368.88
1368.88

CHECKED AND LUBED ALL CONTROLS,
PULLEYS, HINGES AND BELL CRAWKS, ROD ENDS
CHECKED ALL FLOAT FITTINGS AND
LANDING GEAR. PERFORMED GEAR
RETRACT, FOUND SOME BUBBLES BLED AND
FOUND OK, BLED BRAKES TO IMPROVE BRAKING
INSPECTED ALL FABRIC AND CONTROL SURFACES

I certify that the condition inspection on this aircraft ~~covered parachute and engine~~ was done in accordance with the scope and detail of appendix D of Part 43 using a checklist and service manual and was found to be in airworthy condition.

Daniel W. Bauman
Daniel W. Bauman
A&P 366468896

C-55

Date	From	To	Hours	Min.	Pilot
INSTALLED FOUND AIRCRAFT & FLOATS to be in AIRWORTHY CONDITION IAW A FAA CONDITION INSPECTION ON 8-13-14 ELT TESTED NORMAL PER FAR 91.207D AP 3306715 IA R. Baum					
12-17-14	TRANSPONDER	CERTIFICATION - SEE SLIP IN FOLDER	11:00	12:20	11:20 HRS MAYDAY AVIATION
10-21-15	1267.1	TACH TIME PERFORMED CONDITION INSPECTION LUBED CABLES - PULLEYS - LINKAGE - HINGES - REPLACED BOTH NOSE WHEEL TIRES INSPECTED FLOATS AND REGGINS SERVICED BRAKE RESERVOIRS TESTED ELT PER FAR 91.207D FOUND AIRCRAFT TO BE AIRWORTHY IAW. A CONDITION INSPECTION			
12-14-16	TRANSPONDER	CERTIFICATION PERFORMED - SEE SLIP IN FOLDER			MAYDAY AVIATION
Total Forward					
Total to Date					

REMARKS

JAN 12 2017 TTAF 299.70
 TACH TIME 1305.2
 PERFORMED CONDITION INSPECTION LUBED AIRCRAFT
 LUBED: Flat landing gear system - checked landing
 gear function lubed water pump system
 machine out new spinner with front plate
 TESTED ELT PER FAR 91.207D Returned to service
 AP 3306715 IA
 R. Baum

Date	From	To	Hours	Min.	Pilot
4-14-12	(CONT)	REPAIRED BROKEN LANDING GEAR PICKUP (RIGHT FRONT)			
		FOUND THE AIRCRAFT TO BE IN AIRWORTHY CONDITION			
		13 Jan A/P 3306715			
12-1-12		Removed floats and installed wheels, bumpies.			
TACH 1140.1		break lines & filled - tested all areas and components			
1140.1		taxi - test all acceptable			
829.1					
		Randy F. Levenson - owner			
12-12-12		TRANSPONDER CERTIFICATION KT-76A - SEE CARD IN FOLDER			
		TACH time 1150.4 2516.5 MPH 3419.1 engine time			
6-24-13		PERFORMED CONDITION INSPECTION PER FAR 43 APPX D			
		lubed linkage - hinges bushings - pulleys tested			
		ELT PER 91.207 MARKED FUEL TANKS WELDED CRACK			
		IN RIGHT FRONT TRANSFORMER GEAR FITTING LANDING GEAR			
		will be lubed when total to Date			
		OFF FLOATS			

CONT

CONT

REMARKS

checked placards and fabric condition FOUND
AIRCRAFT to be in AIRWORTHY condition on
~~6-24-13~~ 6-24-13

8-14-14 1185.8 2870.5 MPH J. Levenson A/P 3306715 IA
REMOVED AQUA 1500 FLOATS INSTALLED MURPHY ANTIHIBIOUS
FLOATS MADE NEW MOUNTING HARDWARE MADE NEW
CABLES PULLEY BRACKETS REPAIRED LEFT RAT TRANSOM
REINSTALLED LEFT WATER RUDDER REWORKED HYDRAULIC
SYSTEM WITH electric hyd pump & new fittings gauges
Relief valves new weight & balance was done gear
system raised & lowered many times PERFORMED OPS TEST
AFTER CONDITION INSPECTION AIRCRAFT AND FLOATS
PERFORMED GREAT TOGETHER CONDITION INSPECTION
COMPLETED CABLES - PULLEYS - HINGES - CONTROLS ALL
Lubed NEW FUEL LINE TO CARB ^{NOSE} TANK AND NEW wheel tires

Date	From	To	Hours	Min.	Pilot
4-17-011	TACHTIME 965.8	TTAF 655.3			
	INSPECTED AIRFRAME PER FAR 43 APPX " LUBED PULLEYS PUSH RODS - LINKAGE - HINGES - CONTROLS ETC AIRCRAFT CONDITION INSPECTION COMPLETED - REPAIRS MAINTENANCE REPAIRS LANDING GEAR REMOVED FOR FLOATS RIGGED & TESTED				
					K Bauer HTP 3306715
12-12-11	Removed floats, installed landing gear, reconnected brake lines and bungs, removed cleaned and reinstalled spark plugs. changed oil and filter installed 6 gts shell 15-50. test flew all working fine and within all specs tested				
FLIGHT TIME 1071.00					
					Randy F. Sermon, OWNER
	Total Forward				
	Total to Date				

REMARKS

1-24-012 Removed MAIN wheels INSTALLED FEDERAL 1500
SNOW skis RIGGED WITH NEW SS BRACKETS NEW
1/8" CABLE & NEW BUNGEE CORD L. V. BARN
Ski-wheel WEIGHT EXCHANGE NIL. A-1 P* 3306715

4-14-012

TACH I. 1077.4 INSPECTED AIRFRAME PER FAR 43 APP D
TTAF 766.9 LUBED PULLEYS PUSH RODS - BRS LINKAGE
HINGES INSPECTED LANDING GEAR, WINGS
TAIL - ENGINE MOUNT - GREASED TAIL
WHEEL & BRS - CHECKED FABRIC -
MARKED GAS TANKS QUANTITY & GAS TYPE
CHECKED OPERATION OF ELT BATTERY GOOD
UNTIL 3-2015 LIGHTS OK. CHANGED WHEELS
TO FLIGHTS REMOVED AUX TANK (-181BS) (C)

TACH TIME 898.3 TTAF 587.8

Date	From	To	Hours	Min.	Pilot
8-9-2010	Disassemble	AIRPLANE, FABRICATE 2 NEW WING TANKS 1 NEW AUX TANK NEW PUMP WIRING & PLUMBING NEW TANK COVERS & VENTED CAPS RECONDITION WINGS AND RECOVER WITH POLYFIBER FABRIC AND POLYTONE PAINT ALSO COVERED ARE TIP OF VERT FIN AND NEW TAILOR RUDER NEW GAS GAUGES INSTALLED NEW "10" THICKER WALL LIFT STRUTS MADE WITH WOOD FAIRINGS INSTALLED NEW LANDING GEAR MADE AND INSTALLED WITH NEW BUNGIES NEW POSITION LIGHTS + STROBES INSTALLED IN WING TIPS. ^{RECORD} TRANSPORTER INSTALLED NEW COMPASS INSTALLED + CARD FOUND OUT. DOOR LATCHES MODIFIED. NEW SKYLIGHT AND DOOR GLASS INSTALLED RAILWAYS CABLES. KINGS LUBED AND CHECKED. NEW BOLTS USED IN REASSEMBLY. BRAKES RECONNECTED AND SERVICED. THE AIRPLANE WEIGHT + BALANCE DONE			
Total Forward					
Total to Date					

REMARKS

AIRPLANE RIGGED. ELT BATT DUE 3-12

CONDITION INSPECTION COMPLIED WITH JAW FAR 43
APPX "D" AND FOUND TO BE AIRWORTHY CONDITION

J B A+P # 3306715

8-27-2010 Removed landing gear. INSTALLED AQUA
FLOATS RIGGED FLOATS TO AIRPLANE RIGGED WATER RUDDER
LUBED gear - F. Hing - pulleys - test & bwd

J B A+P # 3306715

11/10/10 Removed FLOATS & KIT. INSTALLED wheel KIT AND BUNGIES
TTAF 46.77
TACH TIME CONNECTED BRAKE LINES, INSTALLED BRAKE FLUID & BLED
TAXI TEST AND TEST FLIGHT - ALL ACCEPTABLE

Randy F. Semuore, owner

Date	From	To	Hours	Min.	Pilot
10-16-08	HOBBS	771			
Cleaned plugs and run compression - all good lubed and checked all bearings, bellcranks and control rod ends all in good shape. & certify that this aircraft and engine has been inspected in accordance with an annual condition inspection. Using the scope and detail of FAR 43 APPENDIX D and was found to be in Airworthy Condition.					
Daniel W. Beuman A# 366 468896					
Total Forward					
Total to Date					

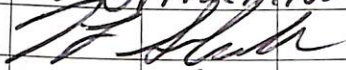
REMARKS

5/1/09 780.0 tach # TTAF 469.5

Performed a condition inspection IAW
 FAR 43 Appx 'D'. Strut fairings repaired/reglued
 ELT inspected IAW FAR 91.207(d) batt due 3/12
 Fabric tested acceptable. Lubricated bearings, rod ends.
 Retorqued float spreader bar nuts.

I certify that this airframe has been inspected
 IAW a Condition Inspection and was determined
 to be in airworthy condition. *Paul Wilts* AP342665831A

12/18/09 889.0 Removed floats + kit. Installed
 wheel kit, new bungees, new brake lines, 8.00x6 v/s
 tires. Welded Lt Ft MLG attach point, rebuilt brake
 calipers. Bleed brakes. Taxi test acceptable
Paul Wilts AP342665831A

Date	From	To	Hours	Min.	Pilot
3/10/04	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACORDANCE WITH THE SCOPE AND DETAIL OF HCFR PART 43 APPENDIX D OR OTHER FAA APPROVED PROGRAM AND FOUND TO BE IN A CON DITION FOR SAFE OPERATION				
	AIRCRAFT	TT 489	 REPAIRMAN 398-50-3026		
3/20/09	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACORDANCE WITH THE SCOPE AND DETAIL OF HCFR PART 43 APPENDIX D OR OTHER FAA APPROVED PROGRAM AND FOUND TO BE IN A CON DITION FOR SAFE OPERATION				
	AIRCRAFT	TT 547	 REPAIRMAN 398-50-3026		
Total Forward					
Total to Date					

REMARKS
3/18/05 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACORDANCE WITH THE SCOPE AND DETAIL OF HCFR PART 43 APPENDIX D OR OTHER FAA APPROVED PROGRAM AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION
AIRCRAFT TT 594
 REPAIRMAN 398-50-3026
3/18/05 NEW EXHIST INSTALLED THIS DATE
TT 594
 REPAIRMAN 398-50-3026
3/31/07 TT 656 & certify that this aircraft has been inspect in accordance with the scope and detail of FAR PART 43 - APPENDIX D and other FAA approved program and was found to in airworthy condition.
Daniel W. Bauman AEP 366468896

Date	From	To	Hours	Min.	Pilot
3/23/2000	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF HCFR PART 43 APPENDIX D ON OTHER FAA APPROVAL PROGRAMS AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION				
			THOMAS L SCHULTZ REPAIRMAN		
			398-50-3026		
4/15/00	AIRCRAFT AS OF THIS DATE HAS COMPLETED 5 HOURS OF FLIGHT TIME AND 5 TAKEOFF AND LANDINGS PERFORMANCE AND HANDLING WITHIN WEIGHT BALANCE IS SATISFACTORY				
			THOMAS L. SCHULTZ		
			398-50-3026		
Total Forward					
Total to Date					

REMARKS

4/16/00 I CERTIFY THAT THIS AIRCRAFT HAS BEEN AGAIN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF HCFR PART 43 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION

Thomas L. Schultz
REPAIRMAN
398-50-3026

AIRCRAFT T7 ~~80.3~~ 80.3 T7 398-50-3026

6/5/00 INSTALLED VORTEC GENERATORS AND A MCCULLY EDWARDS G-M 8244 SEARANK PROPELLER THIS DATE REMOVED SENSSEICH 74DM7-0-58 PROP NO CHANGE IN WEIGHT AND BALANCE

TL SCHULTZ
REPAIRMAN 398-50-3026

T7 85.3

6/8/00 AIRCRAFT AS OF THIS DATE HAS COMPLETED 5 HOURS OF FLIGHT TIME AND 14 TAKEOFFS/LANDINGS PERFORMANCE AND HANDLING WITHIN WEIGHT BALANCE IS SATISFACTORY

TL SCHULTZ
REPAIRMAN 398-50-3026

Date	From	To	Hours	Min.	Pilot
	ELT BATTERIES INSTALLED		4/15/99		
	REPLACE 4 2001				TL Schulte
	NEW FILTER AND 2 QTS OF				
	ARMOR SHELL IS WSO INSTALLED				
	TACK TIME "0"		4/15/99		TL Schulte
	I CERTIFY THAT THE AIRCRAFT HAS BEEN INSPECTED				
	ON MAY 12 1999 IN ACCORDANCE WITH TAFE				
	SCOPE AND DETAIL OF 14CFR PART 43, APPENDIX D				
	OR OTHER FAA APPROVED PROGRAMS AND FOUND				
	TO BE IN A SAFE CONDITION FOR SAFE OPERATION				
					Tom Schulte BUILDING
	Total Forward				
	Total to Date				318-50-3024

REMARKS

I TOM SCHULTE HAD IEAA TECHNICAL COUNSELOR JOE WEISBROD, VISIT MY AIRCRAFT PROJECT ON APRIL 30 1999 AND WE DISCUSSED AND INSPECTED THE COMPLETED AIRCRAFT. I WAS GIVEN A LIST OF ITEMS THAT SHOULD BE CONSIDERED.

SIGNED *Tom Schulte* BUILDING

1 HOUR TAXI TESTS COMPLETED 5-5-99

Tom Schulte

"NEW USED" TACK INSTALLED 5/25/99
TIME ON TACK 310.5 TT AIRCRAFT 1.5
Tom Schulte

ENGINE CHANGES

Date _____ Make & Model LYCOMING 0320 H2AB Serial No. L-1677-76 H.P. 160

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

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

MISCELLANEOUS MODIFICATIONS (With Dates)

CHANGES OF OWNERSHIP

Date _____ Sold To _____

Date _____ Sold To _____

Date _____ Sold To _____

Date _____ Sold To _____

CONSTRUCTION MATERIALS

WINGS: Spars ALUM. Ribs WOOD Cover STITS

FUSELAGE: Longerons STEEL Formers STEEL

Firewall LAU Stringers STEEL Cover STITS

TAIL: Spars STEEL Ribs STEEL Cover STITS

LANDING GEAR: Legs STEEL Axles STEEL Wheels 6.00 X 16

EXTERNAL BRACING: STRUTS NA WIRES NA

FINISHES

Finish Dope or Paint _____ Metal Finish (Skin) _____

AVX 18 GALS 108 LBS

SERVICING INFORMATION

Fuel Grade 100 LL Gallons 28 GALS (168 LBS) Type & Grade Engine Oil 15W50

Brake Fluid AIRCRAFT Oleo Fluid NA Tire Pressure _____

HYDRAULIC OIL IS

PETROLEUM BASED

FAA APPROVAL

APPROVED FOR FLIGHT

PERMANENT
AIRWORTHINESS
CERTIFICATE ISSUED

Date	Inspector

Date	Builder Sign Phase I Completed

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS DISTRICT OFFICE
4915 SOUTH HOWELL AVENUE
MILWAUKEE, WI 53207

91.319 Endorsement _____

N103DG M/M SCHULKE/AVID MAGNUM S/N 6M

I FIND THAT THE AIRCRAFT MEETS THE REQUIREMENTS
FOR THE CERTIFICATION REQUESTED AND HAVE
HAVE ISSUED A SPECIAL /AMATUER BUILT
AIRWORTHINESS CERTIFICATE DATED MAY 14, 1999

Charles A. Ebert

CHARLES A. EBERT
AVIATION SAFETY INSPECTOR GL-13

SENSEACH PROP 74 DM 6-0-58
SN K29087

AMATEUR-BUILT AIRPLANE

MAKE & MODEL AVID MAGNUM

Serial No. 6 Registration No. N103 DG

DESCRIPTION _____

Wing Span 32' Wing Area 136 Length 21'

^{3/16/99} Empty Weight 992 Gross Weight 1750 Limiting Speed (Vne) 150 mph

Built By: THOMAS L. SCHULKE

Date _____

Original Design By: AVID AIRCRAFT Built From Plans By: _____

WIDTH
WINGS FOLDED 8'6"

LENGTH
WINGS FOLDED 22'3"