

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JUNE 26 2024 AIRFRAME LOGBOOK ENTRY N91112 NAV-4-15 TACH 682.9 TTAF: 3263.4

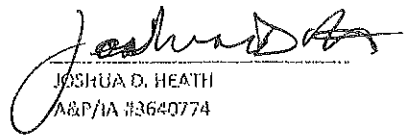
INSPECTED AIRFRAME IN ACCORDANCE WITH NAVION SERVICE MANUAL AND FAR PART 43 APPENDIX D.

CLEANED OIL AND GRIT FROM AIRCRAFT; REMOVED INSPECTION PLATES; INSPECTED SKIN, RIVETS, AND STRUCTURAL HARDWARE FOR DAMAGE OR CORROSION; PERFORMED GEAR RETRACTION TEST, ELT BATTERY DUE TO BE REPLACED MARCH 2030. LUBRICATED AIRFRAME ACCORDING TO SERVICE MANUAL.

C/W FOLLOWING ADS BY VISUAL INSPECTION AND/OR TESTING:

- AD 52-26-21,
- AD 55-01-01,
- AD 59-06-04,
- AD 62-03-03,
- AD 64-04-05,
- AD 68-20-06,

ALL WORK PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S MAINTENANCE INSTRUCTIONS. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION.

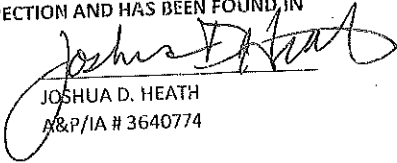
  
 JOSHUA D. HEATH  
 A&P/IA #3640774

JUNE 24, 2024 POWERPLANT LOGBOOK ENTRY N91112 TACH 682.9 TTAF: 3263.4 IO-520-B S/N 200579-708 SMOH 1316.4

INSPECTED POWERPLANT IN ACCORDANCE WITH TCM INSPECTION CHECKLIST AND PART 43 APPENDIX D. COMPRESSION AS FOLLOWS:  
#1 63/80) #2 77/80) #3 73/80) #4 66/80) #5 74/80) #6 65/80; DRAINED OIL AND REPLACED FILTER, CUT OPEN AND INSPECTED OLD FILTER  
FOR METAL. INSTALLED TEMPEST AA48108-2 OIL FILTER AND 10 QTS AEROSHELL W100 OIL. NO NEW ADS THIS ANNUAL.  
ALL WORK PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S MAINTENANCE  
INSTRUCTIONS.

ALTERNATE AIR CONTROL CABLE HAS BEEN PREVIOUSLY REPAIRED AND IS RECOMMENDED FOR REPLACEMENT. CUSTOMER HAS ORDERED  
BACK ORDERED ALTERNATE AIR CONTROL AND WILL HAVE IT INSTALLED AS IT ARRIVES AT LATER DATE.

I CERTIFY THAT THIS POWERPLANT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND IN  
AIRWORTHY CONDITION.

  
JOSHUA D. HEATH  
A&P/IA # 3640774

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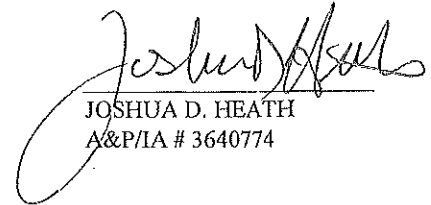
H

JUNE 25, 2024 PROPELLER LOGBOOK ENTRY N91112 TTAF: 3263.4  
McCAULEY D2A34C58 TACH TIME AND PROP TSMOH: 682.9

INSPECTED PROPELLER IN ACCORDANCE WITH INSPECTION CHECKLIST AND PART 43 APPENDIX D.  
REMOVED SPINNER, CLEANED PROP HUB, INSPECTED FOR LEAKS, CRACKS, CORROSION, AND NICKS.

ALL WORK PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND  
MANUFACTURER'S MAINTENANCE INSTRUCTIONS.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION AND HAS BEEN FOUND IN AIRWORTHY CONDITION.

  
JOSHUA D. HEATH  
A&P/IA # 3640774

N-91112

North American Navion  
S/N NAV-4-15  
Hobbs: 683.6



WO#: AVI112

Date: 7/23/2024

- 1) Corrected wiring installation between top GI-275 indicator and main battery buss. Operational tested Top GI-275 indicator comes on with battery master switch per IM# 120-002246-10 Rev. 19 5-1-2024. No change to weight and balance.
- 2) Corrected wiring between GSB-15 data/charging port and top GI-275 indicator. Operational tested data/charging port good per IM# 120-02246-10 Rev. 19 5-1-2024. No change to weight and balance.
- 3) Removed Narco AR-850 S/N 27684 encoder/wiring and connector from aircraft. Interfaced new wiring between Top GI-275 indicator, GNS-430W and GTX-345. Configured and operational tested good GI-275, GNS-430W and GTX-345 mode C inputs and outputs. Operational tested good per IM# 120-02246-10 Rev. 19 5-1-2024 and FAR 91.413. Weight and balance negligible.
- 4) Removed radio stack and fabricated new tilt bracket that is .5 inches shorter than original. Installed new tilt bracket and radio stack. Operational tested copilot yoke clearance good. Weight and balance negligible.
- 5) Updated top/bottom GI-275 indicators, GTX-345 transponder operating software and databases. Operational tested good per IM# 120-02246-10 Rev. 19 5-1-2024 and IM# 190-00734-10 Rev. 17 5-1-2024.

-----END-----

I certify the aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work order number.

SIGNED:

MAA dba Dean Aircraft Service  
2913 Hwy 11 South  
Meridian, MS 39307 - (601) 485-7304

FAA Certified Repair Station  
96AR974C

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DATE  
19

RECORDING  
TACH  
TIME

TODAYS  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alteratio**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

N-91112

North American Navion  
S/N NAV-4-15  
Hobbs: 683.6



WO#: AV1112

Date: 7/23/2024

Removed defective turn coordinator P/N 1394T100-7Z S/N 2103-395. Installed overhauled exchange turn coordinator P/N 1394T100-7Z S/N C07-11681. No change to weight and balance. Operational tested good.

-----END-----

I certify the aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work order number.

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MAA dba Dean Aircraft Service  
2913 Hwy 11 South  
Meridian, MS 39307 - (601) 485-7304

FAA Certified Repair Station  
96AR974C

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**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.)

**ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE**  
**N-91112**

Meridian Airport Authority dba Dean Aircraft Service  
FAA CRS96AR974C

Meridian, MS 39307  
FAR 91.411/91.413

601-485-7304

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	-5	0	-10	-5	-5	-10	-10	-10	-15	-20	-20	-20	-25	-25	-30
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	-62	50% Max	-20	MAKE: Garmin MODEL: G1-275 S/N: 5MZ201615		
Actual ± Ft.	-35	X	X	X	X	X	X	X	Temp C	20	40% Max	-20			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)  
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.  
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).  
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).  
CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-345 S/N: 3EG041799

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7/23/2024

W.O.: AV 1112

Hobbs: 683.6

Signed:



BLIND ENCODER  
MAKE: X  
MODEL: X  
S/N: X

#2 TRANONDER  
MAKE: X  
MODEL: X  
S/N: X

<b>DATE</b> 19 _____	<b>RECORDING TACH TIME</b>	<b>TODAYS FLIGHT</b>	<b>TOTAL TIME IN SERVICE</b>	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE**  
**N-91112**

Meridian Airport Authority dba Dean Aircraft Service      Meridian, MS 39307      601-485-7304  
FAA CRS96AR974C      FAR 91.411/91.413

Test Alt. x 1k Ft.	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	26	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	-5	0	-5	-5	-5	-5	-5	-10	-15	-15	-15	-20	-15	-20	-25
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	-62	50% Max	-15	MAKE: Garmin MODEL: GI-275 S/N: 5MZ103653		
Actual ± Ft.	-30	X	X	X	X	X	X	X	Temp C	20	40% Max	-15			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)  
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.  
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).  
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).  
CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin      MODEL: GTX-345      S/N: 3EG041799

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7/23/2024      W.O.: AV 1112      Hobbs: 683.6      Signed: *[Signature]*

BLIND ENCODER  
MAKE: X  
MODEL: X  
S/N: X  
  
#2 TRANSPONDER  
MAKE: X  
MODEL: X  
S/N: X

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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ORDER

ORDER

## ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

### N-91112

Meridian Airport Authority dba Dean Aircraft Service  
FAA CRS96AR974C
Meridian, MS 39307  
FAR 91.411/91.413
601-485-7304

Test Alt. x 1k Ft.	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	0	-5	0	-5	0	-5	-10	-10	-5	0	0	0	+5	+10
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: Kollsman MODEL: 20k Altimeter S/N: 205		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	-62	50% Max	0			
Actual ± Ft.	+15	X	X	X	X	X	X	X	Temp C	20	40% Max	-5			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)  
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.  
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E.(c).  
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).  
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

BLIND ENCODER  
 MAKE: X  
 MODEL: X  
 S/N: X

TRANSPONDER MAKE: Garmin MODEL: GTX-345 S/N: 3EG041799

#2 TRANONDER

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

MAKE: X  
 MODEL: X  
 S/N: X

Date: 7/23/2024 W.O.: AV 1112 Hobbs: 683.6 Signed: 