

NTSB Investigation:

ERA22LA215 | N46TA

Excerpts of recent maintenance records

AIR TRAVEL MANAGEMENT LLC

FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 635

Date: 04/13/2022 HOBBS: 4077.4 ACTT: 8683.6 HHOBBS 1605.4

- Replaced 2 ft of scat tube from oil separator to outboard drain
- Ops check no defects noted at this time.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS NOT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED UNTIL COMPLETION OF FUNCTIONAL FLIGHT CHECK. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 635 DATE 04/13/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR

STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC

FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 636

Date: 04/18/2022 HOBBS: 4106.7 ACTT: 8712.9 HHOBBS 1613.8

- C/W 100 hr Inspection
- Changed LMLG Tire and Tube 650X10X8
- C/W Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab Inspection

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 636 DATE 04/18/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC

FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 642

Date: 04/25/2022 HOBBS: 4131.3 ACTT: 8737.5 HHOBBS 1613.8

- Repaired pilot seat side bracket PN PM04121013 with new serviceable bracket PN PM04121013

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 642 DATE 04/25/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC
FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 625

Date: 03/15/2022 HOBBS: 4008.1 ACTT: 8614.3 HHOBBS 1527.7

- C/W 100 hr Inspection
- C/W Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab inspection

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 625 DATE 03/15/2022

SIGNED [REDACTED] FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC
FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 631

Date: 04/5/2022 HOBBS: 4057.3 ACTT: 8662.5 HHOBBS 1527.7

- Repaired broken wire for fuel flow left engine
- Bleed brake system

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 631 DATE 04/05/2022

SIGNED [REDACTED] FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC
FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 633

Date: 04/12/2022 HOBBS: 4071.6 ACTT: 8677.8 HHOBBS 1527.7

- Removed flap motor PN9910055-1 Ser# 447499
- Installed serviceable flap motor PN 9910055-3 Ser # 1003 removed from N58H Ser# 414A-0314
- Ops check no defects noted at this time.
- Aircraft will require maintenance flight check prior to return to service.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS NOT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED UNTIL COMPLETION OF FUNCTIONAL FLIGHT CHECK. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 633 DATE 04/12/2022

SIGNED [REDACTED] FOR APPROVED REPAIR
STATION 100R910C

AIR TRAVEL MANAGEMENT LLC

FAA CRS# [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 613

Date: 1/31/2022 HOBBS: 3943.1 ACTT: 8549.3 HHOBBS 1527.7

- Replaced RMLG tire and tube

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#613 DATE 1/31/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 620

Date: 2/15/2022 HOBBS: 3970.4 ACTT: 8576.6 HHOBBS 1527.7

- Replaced HIS PN 066-3046-00 Ser 16291 and replaced with serviceable HIS PN 066-3046-07 Ser 83725.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#620 DATE 2/15/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 618

Date: 2/15/2022 HOBBS: 3970.4 ACTT: 8576.6 HHOBBS 1527.7

- C/W AD 2000-01-1 part B. No defects noted at this time. Next Due 4020.4 or 3/15/2022

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#618 DATE 2/15/2022

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 551

Date: 9/8/2021 HOBBS: 3906.2 ACTT: 8512.4 HHOBBS 1527.7

- Replaced Left MLG Tire and tube with new serviceable tire and tube.
- THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#551 DATE 9/8/2021

SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 553

Date: 9/9/2021 HOBBS: 3906.2 ACTT: 8512.4 HHOBBS 1527.7

- Completed 100 hour Inspection
- Completed Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W Flap Actuator Box inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab Inspection

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 577

Date: 12/1/2021 HOBBS: 3919.5 ACTT: 8525.7 HHOBBS 1527.7

- Completed Annual Inspection
- Completed Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W Flap Actuator Box inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab Inspection

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 551

Date: 9/8/2021 HOBBS: 3906.2 ACTT: 8512.4 HHOBBS 1527.7

- Replaced Left MLG Tire and tube with new serviceable tire and tube.
- THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#551 DATE 9/8/2021

SIGNED

FOR APPROVED REPAIR STATION 1UUR910C

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 553

Date: 9/9/2021 HOBBS: 3906.2 ACTT: 8512.4 HHOBBS 1527.7

- Completed 100 hour Inspection
- Completed Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W Flap Actuator Box inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab Inspection

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 577

Date: 12/1/2021 HOBBS: 3919.5 ACTT: 8525.7 HHOBBS 1527.7

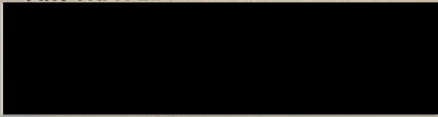
- Completed Annual Inspection
- Completed Vacuum pump inspection
- C/W MEB96-4A Seat and Shoulder harness inspection
- C/W Flap Actuator Box inspection
- C/W AD 2000-01-16 Part B Exhaust inspection
- C/W AD 16-17-08 Elevator Trim Tab Inspection

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC



Air Frame Log

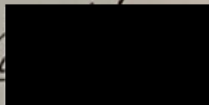
Cessna 414 N46TA Serial No. 414-0466 WO# 496

Date: 5/5/2021 HOBBS: 3874.4 ACTT: 8479.7 HHOBBS 1527.7

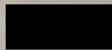
- Replace Ships Battery PN G-244

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 496 DATE 5/5/2021

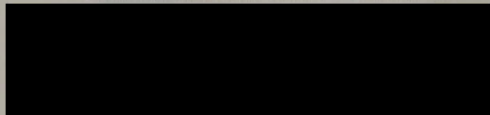
SIGNED



FOR APPROVED REPAIR STATION



AIR TRAVEL MANAGEMENT LLC



Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 498

Date: 5/10/2021 HOBBS: 3888.8 ACTT: 8494.1 HHOBBS 1527.7

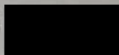
- Repair right hand prop deice boot harness

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SIGNED



FOR APPROVED REPAIR STATION



AIR TRAVEL MANAGEMENT LLC



Air Frame Log

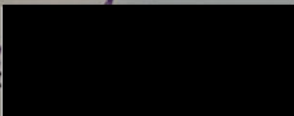
Cessna 414 N46TA Serial No. 414-0466 WO# 532

Date: 7/21/2021 HOBBS: 3895.5 ACTT: 8500.8 HHOBBS 1527.7

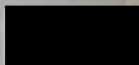
- Adjust RMLG Down lock switch

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 532 DATE 7/21/2021

SIGNED



FOR APPROVED REPAIR STATION



AIR TRAVEL MANAGEMENT LLC

Cessna 414 N46TA Serial No. 414-0466

Date: 03/25/2020 HOBBS: 3599.5 ACTT: 8205.7 HHOBBS 1518.7

1. Removed panel light dimmer PN 9910117-2 and replaced with serviceable panel light dimmer PN 9910117-2 removed from N58H Ser# 414A0314. No defects noted at this time. Work IAW Cessna 414 SM pg 14-1413 6 A22.
2. Removed loose rivets along right engine nacelle and replaced with new rivets. Work IAW Airframe Practices AC43.13 -1B Section 4. No defects noted at this time.
3. Removed and replaced with new serviceable Nose Tire PN 600X6X6 and tube PN 175K08-1. IAW Cessna SM pg 4-50B. No defects noted at this time.
4. Removed and replaced RMLG Tire and Tube with new serviceable Tire PN 076-356-0 and Tube PN 176. IAW Cessna SM pg 4-51. No defects noted at this time.
5. Inspect wire and socket for left wing ice light. Found loose wire and repaired wire by replacing connector. IAW Cessna SM ec 14 14-24A. No defects noted at this time.

Unless otherwise noted, all inspections and repairs completed IAM Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC

Cessna 414 N46TA Serial No. 414-0466

Date: 04/23/2020 HOBBS: 3604.3 ACTT: 8210.5 HHOBBS 1518.7

1. Removed right top engine cowling to facilitate repair of loose rivets.
2. Loose rivets on removed cowling tightened by driving loose rivets IAW Cessna SM Section 16 pg 16-6. No defects noted at this time, cowling reinstalled on aircraft.
3. Placed patch on right elevator de-ice boot approx. 3' long due to small hole noted. Patch replacement done IAW Goodrich Fast Patch Repair kit #74-451-AA. No defects noted at this time.
4. All De-Ice boot surfaces cleaned and prepped and boot shine applied. All work IAW BF Goodrich Shine Master Prep Instructions.

Unless otherwise noted, all inspections and repairs completed IAM Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC

Cessna 414 N46TA Serial No. 414-0466

Date: 06/22/2020 HOBBS: 3629.2 ACTT: 8235.4 HHOBBS 1518.7

C/W 50 hour inspection checklist I/A/W Cessna AMM D778-34-13 Rev 19-APR 1/2009 Sec 2.

1. Complied with Cessna Inspection checklist in reference to 50 hour inspection items.
2. C/W AD 2000-01-16 para B by visual inspection. Next due 3679.2 Hobbs or 07-22-2020.

Unless otherwise noted, all inspections and repairs completed IAM Cessna annual inspection check list in reference to 50 hour items, and Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

Mike Kinane AP

AIR TRAVEL MANAGEMENT LLC

Cessna 414 N46TA Serial No. 414-0466

Date: 06/16/2020 HOBBS: 3629.2 ACTT: 8235.4 HHOBBS 1518.7

1. Removed left engine top cowling to investigate lack of ram air entering aircraft. No defects noted under engine cowl.
2. Removed pilot seat and inspection covers. Found fresh air vent hose broken.
3. Replaced fresh air vent hose PN 05-29912 with new serviceable Aeroduct Fresh Air Hose PN 05-29912. Ops checked, no defects noted at this time.
4. Pilot seat and inspection covers replaced IAW Cessna SM 13-72.
5. Loose rivets on removed cowling tightened by driving loose rivets IAW Cessna SM Section 16 pg 16-6. No defects noted at this time, Unless otherwise noted, all inspections and repairs completed IAW Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC

Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 07/20/2020 HOBBS: 3642.8 ACTT: 8235.4 HHOBBS 1518.7

1. Removed and replaced LH Main tire and tube assy IAW 414 service manual Section 4, 4-51 through 4-57. Serviced per 2-56A. No leaks noted, spin check ok. See wo # 354 on file this station. Ok for service.

I certify this aircraft is airworthy in reference to above noted work accomplished.

Thomas Fullard AP

AIR TRAVEL MANAGEMENT LLC

Date: 7/20/2020 HOBBS: 3642.8 ETT: 5824.8 TSMOH: 1365.2

1. Removed RH (#2) engine cowling and prop spinner to investigate oil leak. Discovered oil leaking from pan. Re-torqued pan attach hardware IAW 414 svc manual, section 9, engine section 9-1 and section 10 fig 10-1. No further leaks noted. Monitoring to continue. Aircraft is OK for continued service. See work order 354 on file this station.

Thomas Fullard AP

AIR TRAVEL MANAGEMENT LLC

Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 08/16/2020 HOBBS: 3692.5 ACTT: 8298.7 HHOBBS 1518.7

C/W Cessna 100 hour inspection checklist I/A/W Cessna AMM D778-34-13 Rev 19-APR 1/2009 Sec 2.

1. Washed aircraft, lubricated all flight controls.
2. Checked ELT Battery, replaced with new serviceable BP-1010 ELT battery. Expiration date of Sept 2022. No defects noted at this time.
3. Performed functional test of ELT system I/A/W FAR 91.207(d). No defects noted at this time.
4. C/W monthly handheld fire ext. inspection. No defects noted at this time.
5. Removed RMLG tire and wheel, Inspected Brakes, cleaned and inspected wheel bearings. No defects noted at this time, repacked wheel bearings, and reinstalled same wheel and tire. Free wheel spin, no noted defects at this time. Work performed IAW Cessna 414 SM Sec 4 4-51-4-64.
6. Removed LMLG tire and wheel, Inspected Brakes, cleaned and inspected wheel bearings. No defects noted at this time, repacked wheel bearings, and reinstalled same wheel and tire. Free wheel spin, no noted defects at this time. Work performed IAW Cessna 414 SM Sec 4 4-51-4-64.
7. Removed NLG tire and wheel, cleaned and inspected wheel bearings. No defects noted at this time, repacked wheel bearings, and reinstalled same wheel and tire. Free wheel spin, no noted defects at this time. Work performed IAW Cessna 414 SM Sec 4 50B Fig 4-20.
8. Checked Rt Landing light lock down switch. Found broken wire. Repaired broken wire. IAW Cessna SM Section 4-126 and AC 43.13-1B. Ops checked no defects noted.
9. Checked fuel flow switch, found broken wire. Wire repaired IAW Cessna SM Sec 9 9-31 and AC 43.13-1B. Ops checked, no defects noted at this time.

Unless otherwise noted, all inspections and repairs completed IAW Cessna 100 hour inspection check list and Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC

Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 08/28/2020 HOBBS: 3707.7 ACTT: 8313.9 HHOBBS 1518.7

1. Removed LMG down lock switch PN S2088-4. Replaced with new serviceable switch PN S2088-4 IAW Cessna 414 SM Sec 4 Fig 461 pg 4-132. Ops check, no defects noted at this time.
2. Removed Rt MLG tire and tube. Replaced with new serviceable tire and tube PN 6-50X10 8 ply tire and PN 6-50 tube. IAW Cessna 414 SM Sec 4 4-54 thru 4-53. Ops checked no defects noted at this time.

Unless otherwise noted, all repairs completed IAW Cessna service manual. No defects noted at this time. I certify this aircraft is airworthy in reference to above noted inspections.

Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC



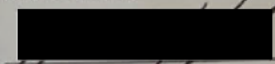
Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 10/12/2020 HOBBS: 3745.8 ACTT: 8352.0 HHOBBS 1518.7

1. Troubleshoot intermittent LH Engine Fuel Flow Meter.
2. Removed LH Engine fuel flow transducer PN 33184-6 Ser# unable to read.
3. Replaced LH Engine fuel flow transducer with new serviceable transducer PN 9805-0000 Ser# 227976. Work completed IAW Cessna SM Sec 9 9-46A & B.
4. Ops checked, no defects noted at this time.

Unless otherwise noted, all repairs completed IAW Cessna service manual. For more detail see WO# 394 this repair station. No defects noted at this time. I certify this aircraft is airworthy in reference to above noted inspections.



Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC



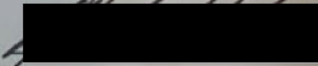
Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 9/21/2020 HOBBS: 3741.1 ACTT: 8347.3 HHOBBS 1518.7

1. Removed PTT switch co-pilot side, found a wire loose on pin connector. Wire repaired by soldering wire to pin, replaced switch into yoke and ops checked. No defects noted at this time, all work IAW Cessna 414 SM.
2. Replaced alternator sensor left engine with new serviceable sensor PN 9910094-3. Ops check no defects noted at this time. All work IAW Cessna 414 SM sec 14 pg 14-8 & 8A.
3. Repaired loose wire going to fuel transducer Left Engine. Ops checked no defects noted at this time. All work IAW Cessna SM sec 9 9-31 and 9-46A&B.
4. Removed RH spinner found broken wires from bulkhead to de-ice boot. Wires repaired, ops check no defects noted at this time. All work IAW Cessna 414 SM Sec 10 fig 10-1 and Sec 13 fig 13-24 and 13-60.
5. Replaced 27 spinner screw washers (nylon) with 27 new serviceable nylon washer PN 04-00218 IAW Cessna 414 SM Sec 10 fig 10-1. No defects noted at this time.

Unless otherwise noted, all repairs completed IAW Cessna service manual. For more detail see WO# 388 this repair station. No defects noted at this time. I certify this aircraft is airworthy in reference to above noted inspections.



Mark Shipley AP

AIR TRAVEL MANAGEMENT LLC

[REDACTED]

Airframe Log Entry

Cessna 414 N46TA Serial No. 414-0466

Date: 11/20/2020 HOBBS: 3788.3 ACTT: 8394.5 HHOBBS 1527.7

C/W Annual inspection checklist I/A/W Cessna AMM D778-34-13 Rev 19-APR 1/2009 Sec 2.

1. Washed aircraft, lubricated all flight controls.
2. Checked ELT Battery expires Feb 2022
3. Performed functional test of ELT system I/A/W FAR 91.207(d). No defects noted at this time.
4. C/W yearly and monthly handheld fire ext. inspection. No defects noted at this time.
5. Lubricated emergency oxygen cable and door.
6. C/W landing gear system check I/A/W Cessna AMM 4-71 (a) 1 thru 4 and (b) _ No defect noted at this time.
7. Verified all placards and instrument range markings.
8. Installed new instrument air filter PN RAD9-18-1
9. Installed new left and right vacuum reg filters PN BA3-5-1
10. Checked Oxygen cylinder for hydro testing. Expires 1/2025.
11. C/W 200 hour oxygen mask inspection. No defects noted at this time.
12. C/W 400 hour air conditioner inspection. No defects noted at this time.
13. C/W 400 hour pressurization heat exchanger inspection. No defects noted at this time.
14. C/W 500 hour left and right alt drive gear hub. No defects noted at this time.
15. C/W Instruction for continued airworthiness regarding RAM Syncro -phaser controller system IAW drawing no 2548 rev c dated 18 Dec 2006 sec 4A thru C2. No defects noted at this time.
16. C/W AD 04-25-16R1 ED 06/20/05 by visual inspection of fuel reg shut off valve as per para 9E0910. No defects noted at this time. Next Due 8494.5 ACTT or 11/20/2021.
17. C/W AD 2000-01-16 para C by visual inspection. Next due 011/20/2021.
18. C/W Instruction for Continued Airworthiness regarding Ram V instruction IAW app A para A.1 pg A-1 of install manual. No defects noted at this time.
19. C/W Annual inspection of Aero Medical Stretcher using Aeromedical Products Company Inc Form 109. No defects noted at this time.
20. C/W AD Research as of 11/20/2020. Disk 2020-22 No new AD's due. All Ad's C/W as of this date.

Unless otherwise noted, all inspections and repairs completed IAM Cessna annual inspection check list and Cessna service manual. I certify this aircraft is airworthy in reference to above noted inspections.

[REDACTED]
Mark Shipley [REDACTED]

AIR TRAVEL MANAGEMENT LLC

[REDACTED]

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 459

Date: 2/21/2021 HOBBS: 3819.8 ACTT: 8425.0 HHOBBS 1527.7

- HIS Overhaul
- Tire change

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 459 DATE 2/9/2021

SIGNED [REDACTED]

FOR APPROVED REPAIR STATION [REDACTED]

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466

Date: 3/1/2021 HOBBS: 3830.1 ACTT: 8436.3 HHOBBS 1527.7

- Inspected Air Speed Indicator

Repair of armrest pilot side

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SIGNED

FOR APPROVED REPAIR STATION

QAI AVIATION

ALLEGHENY COUNTY AIRPORT



WO: 63923

Aircraft N46TA

15 March 2021

Replaced P2 shipside connector for the K1 525A indicator
Ops Checked good IAW KCS 55A IM 006-000111-0011
Apr 25 2007

David Harding

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 471

Date: 3/11/2021 HOBBS: 3830.5 ACTT: 8435.7 HHOBBS 1527.7

- Pittsburgh Air Radio for repair to HSI flag (see log entry for QAI Aviation Repair WO 63923)
- AD 2000-01-16 Part B

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 470

Date: 3/16/2021 HOBBS: 3830.5 ACTT: 8435.7 HHOBBS 1527.7

- Replaced RMLG Tire and Tube
- Replaced Brake linings

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 479

Date: 4/08/2021 HOBBS: 3854.3 ACTT: 8459.5 HHOBBS 1527.7

- Adjusted down lock switch on RMLG
- Complied with AD 2000-01-16 Part B

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SIGNED

FOR APPROVED REPAIR STATION

AIR TRAVEL MANAGEMENT LLC

Air Frame Log

Cessna 414 N46TA Serial No. 414-0466 WO# 489

Date: 4/27/2021 HOBBS: 3870.4 ACTT: 8475.7 HHOBBS 1527.7

- Radome Repair

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 489 DATE 4/27/2021

SIGNED

FOR APPROVED REPAIR STATION