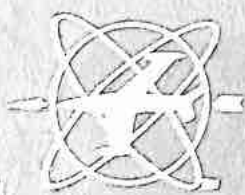


Book 9



The Standard

AIRCRAFT LOG

Aircraft Record General Information

Manufacturer Is Model IAI1124
Serial 312 Registration Number N316TD
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____



Registration:	N316TD	Model:	1124	Date:	1-13-2023
S/N:	312	TTAF:	9360.7	Landings:	5830

Complied with the manufactures 200 hr. "B" Check inspection in reference to the IAI 1124 Maintenance Manual Ch 5

- 24-month Nose landing gear strut bearings and lube. No defects noted.
- 12-month function check of the Eros oxygen mask regulators. No defects noted.
- 36-month Thrust Reverser feedback control assembly inspection and lube. No defects noted.
- 36-month Emergency hydraulic fuse check. No defects noted.
- 90-day portable fire bottle weight check. No defects noted.
- 90-day cap check and charge of the JET power supply. No defects noted. Cap check completed by E.T. Mechanical WO: 14415.
- C/W AD 89-12-08 Horizontal Hinge Inspection. No defects noted at this time.
- C/W SB 1124-27-086 Elevator Collar Inspection. No defects noted at this time.
- 90-day cap check and charge of the Emergency light battery pack. Cap check completed by E.T. Mechanical WO: 14415
- 12-month ELT function check and inspection. No defects noted.
- Removed both nitrogen blow down bottles and sent to Aerospace Turbine Rotables for hydro. (WO188052). Reinstalled and serviced as needed. No leaks noted. *Next hydro due 1/2026. Bottle will expire 2/2028.*
- Removed oxygen bottle and sent to Aerospace Turbine Rotables for hydro. (WO188054). Reinstalled bottle after hydro and no leaks are noted at this time. *Oxygen bottle will expire 3/2025. Will not make it to next hydro time.*
- C/W 12-month battery cap check of main ship batteries. Both batteries failed cap check several times. Installed new batteries. (PN: 7638-44, SN: G03174734, G03167648, WO: 38037-0, 37774-0)
- Installed new ULB battery. PN: 810-2008K. *Next due replacement 5/2028.*
- Installed new belt for AC system. PN: Gates 232L100
- Installed new tail nav bulb. Ops check is good. PN: 1683
- Installed new LH nav light bulb. Ops check is good. PN: 7512-24

I certify that the maintenance described above, has been accomplished in accordance to current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler

2665413 A&P IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)



Reliable Aircraft Maintenance, LLC (405) 306-3494

Registration:	N316TD	Model:	1124	Date:	7-30-2024
S/N:	312	TTAF:	9941.0	Landings:	5874

- Incoming Discrepancy-TR Accumulator not holding charge. Found leak @ TR accumulator bottle supply line. Installed conical washer on fitting. Leak check is good.
- RH main tire worn to limits. Broke down wheel halves, cleaned and visually inspected wheel halves. Reassembled with an overhauled tire assy from Desser. Torqued wheel halves and serviced tire as required. No leaks noted. PN: B24x9.5-10.5 18/ 249K83-3, SN: 10290608R1, WO: 35708
- Incoming Discrepancy- LH Fuel Flow Inop. Swapped FF gauges. Cycled cannon plug @ RH FF transmitter. Found a loose connection secured the wire bundle and cleaned with contact cleaner spray. Ops check is good.
- Incoming Discrepancy- Nose wheel steering "sloppy". Jacked aircraft and inspected nose gear and steering component. No defects noted at this time.

Regarding the work performed this aircraft is approved for return to service.

Brian Butler

A&P IA 2665413

--	--	--	--

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of  www.capitalaviation.com
------------	---------------------------	-------------------	-----------------------------	--

Reg#: N316TD
S/N#: 312

Make and Model: IAI 1124
Date: 14/Dec/2023

LOGBOOK ENTRY

1. Performed 24 month RVSM. All test points are within limits
2. Performed 91.411, during testing found stby alt to be out of tolerance. Removed unit (p/n: 16650-1151, sn: 171405,) and Replace with p/n: 16650-1151, sn: 171399 IAW AMM 34-10-01. All test points pass.
3. The technician submitted the following data:
 Pilot Altimeter/ADC p/n: 90-80130-15, sn: 41649 and transponder p/n: 011-03303-00 sn: 3EH003960
 Co-Pilot Altimeter/ADC p/n: 90-80130-15 sn: 41699 and transponder p/n: 011-03301-00 sn: 3EF000615

Reference Capital Aviation, Inc. Process Specifications CA-300 for work performed.
Weight and Balance is negligible.

AIRCRAFT RETURN TO SERVICE IAW FAR 43.9
 Capital Aviation, Inc., Certifies that the work specified above was carried out IAW FAA Airworthiness Regulations and in respect to the work performed the aircraft is approved for return to service.

Signature: Ed Kostniuk



Reliable Aircraft Maintenance, LLC
(405) 306-3494

Registration:	N316TD	Model:	1124	Date:	1-13-2025
S/N:	312	TTAF:	9465.1	Landings:	5890.0

- C/W 90-day portable fire bottle visual and weight check, No defects noted.
- C/W 90-day emergency battery cap checks. Marathon battery passed, PS833A/T replaced with repaired assy(SN: 1250). Work completed by E.T. Mechanical WO 15081. See their 8130 for details. Operational check is good.
- C/W 500-hr/5-year Flight control rod/shaft assy inspection. NDT services provided by Tailwind Inspections, Inc. (WO#18499 See report for details). Removed aileron, rudder and NLG door controls rod for NDT. Reinstalled rods after testing. All systems and operating checks are good.
- C/W 12-month ELT inspection. No defects noted.
- C/W 12-month Eros Mask ops check. No defects noted.
- C/W 12-month main battery cap check. Failed cap check multiple times and replaced with new batteries. Ops check is good. PN: 7638-44, SN: G03234456 and G03234454
- C/W 12-month life jacket visual inspection. No defects noted.
- Replaced LH main tire with new assy. Broke down wheel halves, cleaned and visually inspected. Reassembled with new oring and tire. Torqued hardware and serviced tire as required. No leaks noted. PN: 249K83-3, SN: 32380381

In regard to the work performed, this aircraft is approved for Return to Service.

Brian Butler

A&P IA 2665413
