

ERA24LA360

MAINTENANCE LOG EXCERPTS

Part/model number: B200		Date: 07/08/2024
Work Order No: TR89862 / 9903		
Square		
1.1		COMPLIED WITH PHASE ONE AND TWO INSPECTIONS USING BEECH KING AIR B100 AMM CHAPTER 5 INSPECTION FORMS AS A GUIDELINE.
1.2		COMPLIED WITH INCOMING PERFORMANCE RUNS AS REQUIRED IAW BEECH KING AIR B100 AMM.
1.3		COMPLIED WITH GROUND PRESSURIZATION CHECK USING GROUND CART IAW KING AIR B100 AMM.
1.4		INSTALLED SEAL P/N: 50-554265-11 ON FORWARD EVAPORATOR ACCESS PANEL IAW BEECH KING AIR SERIES STANDARD PRACTICES MANUAL: 20-10-00. LEAK CHECK SATISFACTORY.
1.5		RESEALED WIRE BUNDLE ON RH SIDE OF AVIONICS BAY USING PR1440 SEALANT AS PER BEECH KING AIR STANDARD PRACTICES MANUAL 20-10-00.
1.6		RESEALED TCAS ANTENNA USING PR1440 SEALANT IAW BEECH KING AIR STANDARD PRACTICES MANUAL 20-10-00.
1.7		SERVICED AIRCRAFT FUEL TO MAXIMUM CAPACITY IAW BEECH KING AIR B100 AMM 12-10-00, NO LEAKS FOUND.
1.8		REMOVED LIGHT ASSEMBLY FROM FORWARD AND AFT DIVIDERS AND REINSTALLED AFTER ROTATING ASSEMBLIES 180 DEGREES. ALL WORK DONE AS PER KING AIR B100 AMM 25-20-00. OPERATIONAL CHECKS GOOD.
1.9		REMOVED AND REPLACED TWO OLD OVERHEAD READING LIGHT BULBS WITH NEW LIGHT BULBS P/N: GE303 AS PER BEECH KING AIR B100 AMM 25-20-00. OPERATIONAL CHECKS GOOD.
1.10		REMOVED L/H SIDE WALL TO FACILITATE MAINTENANCE. REMOVED AND REPLACE OLD OVERHEAD READING LIGHT SWITCH WITH NEW SWITCH P/N: J20125-03. REINSTALLED L/H SIDEWALL. ALL WORK DONE AS PER BEECH KING AIR B100 AMM: 25-20-00. OPERATIONAL CHECKS GOOD.
1.11		REMOVED AND REPLACED ALL PASSENGER OXYGEN MASKS WITH NEW MASKS P/N: 174411-24 AS PER BEECH KING AIR B100 AMM: 35-00-00.
1.12		REPLACED MISSING PILOT OXYGEN MASK WITH NEW MASK P/N: 174411-14 AS PER BEECH KING AIR B100 AMM: 35-00-00.
1.13		REMOVED AND REPLACED 1 L/H AILERON, 1 R/H AILERON, 1 R/H WING TIP, 1 L/H ELEVATOR, 2 R/H ELEVATOR, 1 RUDDER, AND 1 TAIL CONE STATIC WICKS WITH NEW STATIC WICKS P/N: ESD4C AS PER BEECH KING AIR B100 AMM: 23-60-00 AND BEECH KING AIR SERIES SRM: 20-50-03. RESISTANCE CHECKS GOOD.
1.14		REPAIRED ALL PIN HOLES ON LH AND RH WING DEICE BOOTS IAW GOODRICH PINHOLE REPAIR MATERIAL KIT 74-451-AE USING P/N 74-451-209 REPAIR KIT
1.15		RESEALED ALL PASSENGER WINDOWS USING PR1425 SEALANT AS PER BEECH KING AIR SERIES STANDARD PRACTICES MANUAL: 20-10-00.
1.16		REMOVED AND REPLACED OLD FORWARD EVAPORATOR FILTER WITH NEW FILTER P/N: 90-555101-0001 AS PER BEECH KING AIR B100 AMM: 21-00-00.
1.17		REMOVED EXOSTING VACUUM REGULATOR VALVE FILTER AND INSTALLED NEW P/N RAB3-5-1 IAW MMA.
1.18		REPLACED LH OUTBOARD MAIN LANDING GEAR DOOR BONDING STRAP IAW BEECH KING AIR STANDARD PRACTICES 20-03-00.
1.19		BOTH A/C COMPRESSOR DRIVE BELTS REPLACED WITH NEW BELTS P/N: 100-384112-1 AND ADJUSTED IAW BEECH KING AIR B100 AMM: 21-50-00.
1.20		STOP DRILLED TWO CRACKS ON L/H AND R/H ELEVATOR SKINS AS PER BEECH KING AIR SERIES SRM 20-10-00.
1.21		CLEANED RESIDUAL FLUID FROM LH BRAKE MASTER CYLINDER AND RETORQUED FLUID LINES IAW BEECH KING AIR STANDARD PRACTICES MANUAL 20-06-00.
1.22		LH STARTER GENERATOR WIRES CHAFING, REPOSITIONED LH STARTER GENERATOR WIRES AS REQUIRED.
1.23		REMOVED ALL EXHAUST TURNBUCKLE MOUNT ASSEMBLIES, CLEANED AND TREATED CORROSION, REINSTALLED, ALL WORK ACCOMPLISHED IAW BEECH KING AIR STANDARD PRACTICES MANUAL 20-09-00.
1.24		INSTALLED SAFETY WIRE ON LH AND RH SQUIBS IAW BEECH KING AIR B100 AMM.
1.25		EXTENDED AND RECONNECTED ALL DISCONNECTED FUEL DRAIN LINES ON L/H ENGINE USING NEW TUBING. ALL WORK DONE AS PER BEECH KING AIR SERIES STANDARD PRACTICES MANUAL 20-06-00.
1.26		REMOVED WHISKY COMPASS FROM AIRCRAFT FOR TESTING. COULD NOT REPLICATE DISCREPANCY. REINSTALLED WHISKY COMPASS ONCE TESTING WAS COMPLETED. ALL WORK DONE AS PER BEECH KING AIR B100 AMM 34-00-00. OPS CHECK SATISFACTORY.
1.27		REMOVED AND REPLACED ATTITUDE DIRECTION INDICATOR WITH OVERHAULLED ATTITUDE DIRECTION INDICATOR P/N: 7000466-906 S/N: 820111502. WORK IAW BEECH KING AIR B100 AMM: 39-10-00. SYSTEM OPERATIONAL CHECKS ARE SATISFACTORY.
1.28		ADJUSTED L/H FLOW PACK AS REQUIRED IAW BEECH KING AIR B100 AMM: 21-10-00. OPERATIONAL CHECKS ARE SATISFACTORY.
1.29		COMPLIED WITH 400 HR LUBRICATION IAW MM 12-20-00.
1.30		COMPLIED WITH 6 MONTH LUBRICATION REQUIREMENTS IAW BEECH KING AIR B100 AMM: 12-20-00.

Photograph 2 - Maintenance Log July 2024 (Courtesy of Mechanic)

1.31	COMPLIED WITH 12 MONTH LUBRICATION REQUIREMENTS AS PER BEECH KING AIR B100
1.32	COMPLY WITH ELECTRIC HEATER COIL INSPECTION AS PER BEECH KING AIR B100 AMM 21-40-00. NO DEFECTS FOUND
1.33	COMPLIED WITH CABIN ALTITUDE WARNING SYSTEM CHECK WITH SATISFACTORY RESULTS IAW BEECH KING AIR B100 AMM 21-30-00
1.34	COMPLIED WITH FARIS 207, PARA (D) WITH SATISFACTORY RESULTS. ELT S/N: 1B-08530
1.35	HEX ID: ADCC4 08548 00271 BATTERY EXPIRES: APRIL 2028 REMOVED L/H AND R/H BATTERIES FROM AIRCRAFT AND PERFORMED CAPACITY CHECK AS PER GILL SERVICE MANUAL QD-1120. BOTH BATTERIES FAILED CAPACITY CHECK REMOVED FAILED BATTERIES L/H P/N: G-6381E S/N: G03099605 AND R/H P/N: G-6381E S/N: G03099609, RECEIVED, SERVICED AND INSTALLED TWO NEW BATTERIES L/H P/N: G-6381E S/N: G03212115 AND R/H P/N: G-6381E S/N: G03212120. WORK IAW GILL PROVIDED INSTRUCTION AND BEECH KING AIR B100 AMM CH 24. OPERATIONAL CHECKS SATISFACTORY.
1.36	REMOVED AND REPLACED OLD PILOTS LIFE VEST (P/N: 3500-133) (S/N: L1130519) WITH NEW LIFE VEST (P/N: P01202-201W) (S/N: 2310129000) AS PER BEECH KING AIR B100 AMM 05-10-00
1.37	COMPLIED WITH WEIGHT CHECK OF COCKPIT FIRE EXTINGUISHER AS PER AMEREX MODEL C352 MAINTENANCE INSTRUCTIONS. WEIGHT OF BOTTLE: 4LBS 12.80Z DATE: 2019
1.38	COMPLIED WITH WEIGHT CHECK TO CABIN FIRE EXTINGUISHER AS PER AMEREX MODEL C352 MAINTENANCE INSTRUCTIONS. WEIGHT OF BOTTLE: 4LBS 12.80Z DEC 2019
1.39	COMPLIED WITH NACELLE FUEL QUANTITY TRANSMITTER INSPECTION IAW KING AIR B100 AMM CHAPTER 28-42-00. NO RESULTS FOUND
1.40	COMPLIED WITH REMOVAL OF LH MAIN GEAR IAW KING AIR SERIES 100 AMM 32-10-00, COMPLIED WITH 8000 CYCLE / SIX YEAR INSPECTION OF MAIN GEAR SHOCK ABSORBER ASSEMBLY, DRAG BRACE ASSEMBLY, AXLE ASSEMBLY AND TORQUE KNEES IAW KING AIR CMM 32-10-00, INSTALLED LH MAIN GEAR IAW KING AIR SERIES 100 AMM 32-10-00, NO FAULTS FOUND AT THIS TIME, OPERATIONAL CHECKED GOOD.
1.41	COMPLIED WITH REMOVAL OF RH MAIN GEAR IAW KING AIR SERIES 100 AMM 32-10-00, COMPLIED WITH 8000 CYCLE / SIX YEAR INSPECTION OF MAIN GEAR SHOCK ABSORBER ASSEMBLY, DRAG BRACE ASSEMBLY, AXLE ASSEMBLY AND TORQUE KNEES IAW KING AIR CMM 32-10-00, INSTALLED RH MAIN GEAR IAW KING AIR SERIES 100 AMM 32-10-00, NO FAULTS FOUND AT THIS TIME, OPERATIONAL CHECKED GOOD.
1.42	COMPLIED WITH REMOVAL OF NOSE LANDING GEAR IAW KING AIR SERIES 100 AMM 32-20-00. COMPLIED WITH 8000 CYCLE / SIX YEAR INSPECTION OF NOSE LANDING GEAR SHOCK ABSORBER ASSEMBLY, DRAG BRACE ASSEMBLY, AXLE ASSEMBLY AND TORQUE KNEES IAW KING AIR CMM 32-20-00. REINSTALLED NOSE LANDING GEAR IAW KING AIR SERIES 100 AMM 32-20-00, OPERATIONAL CHECKED SATISFACTORY.
1.43	REMOVED L/H LANDING GEAR UPPER DRAG BRACE BOLT AND INSTALLED NEW L/H LANDING GEAR UPPER DRAG BRACE BOLT P/N: AN4-16A. WORK IAW BEECH KING AIR SERIES CMM CH32 AND BEECH KING AIR B100 AMM CH32
1.44	REMOVED BENT NOSE LANDING GEAR DRAG LEG RETAINING BOLT AND INSTALLED NEW BOLT P/N AN4-16A IAW BEECH KING AIR SERIES CMM CH32 AND BEECH KING AIR B100 AMM CH32
1.45	REMOVED NOSE LANDING GEAR UPPER SHOCK ABSORBER AND INSTALLED OVERHAULLED NOSE LANDING GEAR UPPER SHOCK ABSORBER P/N: 99-820100-SEX S/N: AM1023-1416. WORK IAW BEECH KING AIR SERIES CMM CH 32 AND BEECH KING AIR B100 AMM CH32
1.46	REMOVED NOSE LANDING GEAR UPPER TORQUE KNEE AND INSTALLED OVERHAULLED NOSE LANDING GEAR UPPER TORQUE KNEE P/N: 50-B100 32-8 S/N: 091401011CT IAW BEECH KING AIR SERIES CMM CH32 AND BEECH KING AIR B100 AMM CH32
1.47	REMOVED L/H LANDING GEAR LOWER DRAG BOLT AND INSTALLED NEW L/H LANDING GEAR LOWER DRAG LET BOLT P/N: HEM99-810067-1. WORK IAW BEECH KING AIR SERIES CMM CH32 AND BEECH KING AIR B100 AMM CH32.
1.48	REMOVED NOSE LANDING GEAR LOWER TORQUE KNEE CLEVIS PIN AND INSTALLED NEW NOSE LANDING GEAR LOWER TORQUE KNEE CLEVIS PIN P/N: M620390-2C45. WORK IAW BEECH KING AIR SERIES CMM CH 32 AND BEECH KING AIR B100 AMM CH32.
1.49	COMPLIED WITH LEFT MAIN LANDING GEAR ACTUATOR END PLAY CHECK AS PER BEECH KING AIR B100 AMM 32-30-00. RESULTS SATISFACTORY AT THIS TIME
1.50	COMPLIED WITH RIGHT MAIN LANDING GEAR ACTUATOR END PLAY AS PER BEECH KING AIR B100 AMM 32-30-00. RESULTS SATISFACTORY AT THIS TIME.
1.51	COMPLIED WITH NOSE LANDING GEAR ACTUATOR END PLAY CHECK AS PER BEECH KING AIR B100 AMM 32-30-00. RESULTS SATISFACTORY AT THIS TIME
1.52	STABILIZER ATTACHMENT POINT INSPECTION COMPLETED IAW BEECH KING AIR B100 AMM, CH 5-20-05 AND 27-40-00. NO CORROSION OR DAMAGE FOUND.
1.53	COMPLIED WITH WINDSHIELD SCREW TORQUE CHECK AS PER BEECH KING AIR B100 AMM 56-10-00.
1.54	COMPLIED WITH SPAR CAP, FORWARD UPPER AND LOWER INSPECTION IAW BEECH KING AIR 100 AMM 57-00-00. NO CORROSION OR DEFORMATION FOUND.
1.55	COMPLIED WITH NOSE LANDING GEAR FORK INSPECTION AS PER AD2004-23-02. NO DEFECTS FOUND

All Work Performed IAW Raytheon Aircraft Company B100 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TR88862 / 9203.

Signature: J. Gray
For Witness: _____

Photograph 3 - Maintenance Log July 2024 (Courtesy of Mechanic)