

Aircraft Associates
 Notable Aircraft Maintenance History
 11/6/23

Registration
 N777TK (N60311, N547G, N870GH)

Make
 Beechcraft

Model
 1979 Beechcraft 58 Baron Foxstar

Serial No.	Engine	Paint	Interior	MGTOW	EW
TH-1018	IO-550-C3F	Matterhorn White with Toreador Red and Black Velvet Accents (2015)	Cloud Gray with Castle Tan and Black Accents		

Log	Date Logged	Item(s) Addressed	Critical Item
Airframe Log 1	March-79	STANDARD airworthiness certificate issued	
		Installed airborne pneumatic surface deice system kit no. 707B	
	April-80	s/n 0793 IAW STC SA863CE	Boots installed
	April-79	Replaced RH prop control cable	
		Replaced LH elevator outboard attach bracket and attach bracket screws	
	July-79	Replaced RH throttle and mixture cable	

Airframe Log 2

December-80	Overhauled Janitrol heater and installed hour meter for heater
January-84	Removed and replaced elevator hinge assembly
February-85	Installed zero time overhauled exchange Janitrol heater
December-87	Replaced surface deicer boots on tail
	Removed controls, stripped controls and aircraft. Repainted controls and aircraft, checked control balance and reinstalled. Base in Sterling Matterhorn White, Sterling Light Blue and Imron Dark Blue.
December-85	Replaced windshield with factory new, repainted frame to match aircraft. Aircraft weighed for c/w FAR 135 operation
January-86	Interior was repaired and inspected
January-88	Removd LH rear fuel cell and installed new fuel cell
July-89	Installed Beech Kit 36-5013 to comply with SB No. 2045 Rev. 3 with fuel filler and caps
August-89	Installed rebuilt fuel cell in RH wing leading edge
December-91	Replaced RH boost pump with new
January-95	Replaced LH outboard leading edge fuel cell with new
February-00	CW AD 91-15-20 engine mount modification per Beech MSB 23262 R1, by installing kit 58-9007-1-S and reinforcements
March-00	Aircraft modified to Colemill Enterprises Inc. "Foxstar." Installed TCM IO-550C engines and Hartzell 4 bladed propellers
March-00	HC-C4YF-2E/FC7063Q. Installed IAW STC SA1762SO
September-00	Replaced cabin heater and pressure switch
	Replaced RH outboard leading edge fuel cell. Replaced nose wheel steering idler arm. Sent RH exhaust stack for repair by Aerospace Welding.
March-03	Replaced left and right elevator assemblies due to corrosion with overhauled assemblies from Biggs Aircraft.
March-04	Removed existing equipment and installed Garmin GNS 430 and GA56 antenna, Heads Up Technologies XMD076-01 XM weather satellite receiver, and a Comant CI 420-1 XM Wx satellite antenna, GMA 340 audio panel, Garmin SL30 navcomm, Mid-Continent MD200-306 VOR/ILS, and a Sandia ACF 328 Avionics. Reinstalled one PWC-150 converter with a 12VDC power receptacle.
March-06	Installed and rigged new throttle and prop control cables. Installed new outboard gear door forward rod ends. New left and right main gear ice boot kit. Reinstalled landing box and gear motor after overhaul. Installed OH'd right inboard fuel cell. Stripped, cleaned and patched all cuts and resealed pneumatic ice boots. Installed new LH and RH wing root seals. Removed small areas of minor surface corrosion. Installed PM research radome boot. Replaced deteriorated SCAT ducts. Repaired cabind door inner frame, cracked at lower hinge point. Installed .090 aluminum external and internal doubler, sealed with PRC1422 between skin and doubler and painted to match. Repaired INOP gear warning horn.
March-06	Determined LH and RH alternator out sensors are defective but not corrected at owners request.
September-06	Installed WAT LED Anti-collision light assembly on the vertical stabilizer tip. Installed OH'd left alternator. Installed new right alternator inoperative switch. Cleaned and waxed all deice boots.
October-06	Installed OH'd strobe power supply
November-06	Repaired crack on right nacelle air induction air scoop. Installed repaired Lamar voltage regulator in place of existing. Installed FAA/PMA Left and Right Horizontal stabilizer deice boot and vertical stabilizer deice boot.
April-07	Upgraded GPS to WAAS with GA 35 antenna.
September-07	Replaced XM data receiver with new part
October-07	

Replaced existing ELT with new ACK E-01 ELT unit. Repaired crack in tail light lens. Removed and replaced LH and RH aileron push/pull rods and rod ends with new. Fabricated new 1/4" thick plywood floor panel aft of main spar. R&R'd forward retract rod end. Installed new Lord shimmy damper. Cleaned and treated outboard section of rod for corrosion on RH MLG outboard end. Installed new D'Shannon windshield. Removed prop feathering accumulators and all associated hoses, lines and hardwares.

March-08 Reattached LH wing deice boot stall strip and repaired hole in boot. Installed corrected seat stops on RH aft facing seat. Replaced LH and RH flap bumpers with new. Installed new fuel placards. Removed and replaced RH tail pipe with OH'd tail pipe and rear exhaust hangers with new. Removed and April-09 reinstalled repaired H engine crossover and vent tubes.

August-09 Replaced circuit breakers to CW AD 2008-13-17
Replaced deice system pressure relief valve with OH'd unit. Serviced windshield and prop anti-ice system with 10 quarts December-09 alcohol. Installed OH'd RH vacuum pump.

August-11 Replaced fuel line at LH wing tip fuel vent. Replaced pneumatic line in fuselage.
Removed all aircraft deice boots. Cleaned, prepped and installed new SMR Deice Boots. Replaced 2 solenoid valves with serviceable units. Installed OH'd exchange deice valve.

December-11 Ops checked boots good. New Boots
July-13 Replaced RH prop deice boot with new.
Removed RH aft fuel cell and replaced with new fuel cell.
January-14 Replaced RH electric boost pump with OH exchange.
October-14 Replaced LH engine intake air duct with new SCAT 12 hose

Complete chemical strip, etch, alodine or magnacoat as required with epoxy prime of the aircraft. Applied a base of Alumigrip Matterhorn White (AHS-1619) with AcryGlo Black Velvet and Toreador Red accents. Painted the registration numbers N870GH to meet FAR requirements using Acryglo Black Velvet 10684 and AcryGlo Toreador Red W00152 drop shadows. Applied temporary registration of N547G over the painted numbers. Applied basic placards. Installed new AeroSonix Radome Boot on nose radome. Installed new stainless hardware on aircraft exterior panels. Installed refurbished pitot tube. Repaired dual yoke control gloss black. Removed existing executive table and installed serviceable table. Installed new cockpit side windows and cabin windows

March-15 IAW Great Lakes Aero Products STC SA0690CH. New Paint, Windows, Table, Yoke paint, SS Hardware
Replaced LH engine air pump with OH'd unit from Aero
November-15 Accessories
Installed blind encoder on Transponder system to replace
June-15 previous

Removed KCS 55A compass system, encoding altimeter, VSI, attitude gyro, turn coordinator, DME, GPS remote annunciator, inverter for MFD synchro, and pilot's floating instrument panel. Installed new custom floating panel and the following:
Garmin G500 PFD/MFD system, OH'd standby attitude gyro, airspeed indicator, autopilot annunciator. Relocated #2 Nav indicator to lower subpanel and installed OH'd standby altimeter. Relocated the suction gauge to the RH side instrument panel. Reconfigured the EX-500 MFD to getting heading info from G500 system. Installed GAD 43e analog interface adapter. Certified new system altimeter and Garmin GTX 327 transponder. Installed cosmetic overlay panels on
March-16 lower subpanel and right side instrument panel. New avionics

Repaired KC-295 flight computer at Mid Continent. Removed
August-16 and replaced KS-270 Pitch Servo with OH'd exchange unit.

Removed RH flap due to cracked nose rip at actuator and repaired by SRS aviation and reinstalled and verified flap rigging. Replaced 2 pulleys aft of rear spar, 2 pulleys under rear cargo floor and 1 pulley aft of rear bulkhead. Replaced all wing bolts and nuts using wet method. Cleaned and treated minor corrosion where heat duct attaches to rear spar. Replaced oil drain patch plates on both lower cowls. Installed new ventral
September-16 fin fairing. Bob Ripley
Installed new G&D Aero Products Acrylic Window Liners.
October-16 Installed new prop deice boot on 1 RH propeller blade.
November-16 Replaced LH alternator with OH'd Teledyne alternator.
Replaced RH engine instrument air pump with OH'd unit.
December-16 Replaced heater combustion fan motor with OH'd unit
Installed OH'd alternator drive coupling assembly on OH'd
December-16 alternator.
Removed Garmin GTX 327 and installed GTX 345. Removed XM receiver and installed Garmin GDL69A. Removed and replaced LH engine ignition harness with new. Repaired LH
July-17 engine inboard exhaust system at Dawley Aviation.

	Removed LH and RH props and governors and sent to Maxwell Propeller for overhaul. Reinstalled in original positions after overhaul. Sent both spinners to K&K Precision Welding for repair. Replaced 8030 ASI with OH'd airspeed indicator unit. Removed yoke assembly and landing light bezels, painted and reinstalled. Installed new engine mounts on both engines. Installed new gear warning horn switch. Rebuilt fwd, OB, lower baffle on LH engine using new assemblies. Repaired OB inter-cylinder baffles and Aux terminal wiring on RH engine and alternator. Installed new NLG door actuator shaft	
	October-17 assembly.	
	Replaced alternate air duct on both engines with new SCAT tubing and LH alternator sensor. RH/IB fuel bladder repaired at	
September-18	Eagle and reinstalled.	
	Installed OH'd RH/OB fuel sending unit and OH'd LH fuel	
December-18	bladder	
	Removed OH'd engine starter and installed OH'd starter on #1	
November-19	engine.	
	CW AD 2004-21-05 Pressure Decay Test, now due 2/1/22. ELT Battery expires 12/2023. Removed engines for OH. Installed OH'd IO-550-BCC engine in LH position and OH'd IO-550-C engine in RH position. New D'Shannon Aviation Baffle Kit installed IAW STC SA09220SC and D'Shannon High Performance Exhaust installed. New mixture control knobs, EGT probe on RH exhaust, and repaired wiring on LH tach generator installed. All flammable fluid lines in engine	
January-20	compartments OH'd and installed.	New engines
January-21	Annual Inspection at Finefield Aviation	
	June-21 Replaced RH engine right side exhaust support clamp	
	Performed repair of RH engine air intake scoop by removing upper plate attach structure and fabricating replacement.	
	April-21 Performed repair of fiberglass where rivets pulled through.	
	Replaced STBY attitude indicator with similar part with 3" light tray and new hose.	
October-21		
	Replaced KS 270 Pitch Servo with OH'd unit for KFC 200 Flight Control System	
December-21		
	Engine s/n 281993-R IO-550-BCC installed in LH position on	
January-20	N777TK.	
LH Engine Log		
	Replaced manifold pressure and alcohol deice hose assemblies with original hose fittings and reinstalled. Pressure lubed engine controls. Replaced mixture, throttle and prop control rod ends and rigged. Replaced alternate air duct.	
January-21		
	Engine s/n 810484-R IO-550-C installed in RH position on	
January-20	N777TK.	
RH Engine Log		
	Replaced manifold pressure and alcohol deice hose assemblies with original hose fittings and reinstalled. Pressure lubed engine controls. Replaced mixture and prop control rod ends and rigged. Replaced alternate air duct.	
January-21		
	Installed OH'd propeller after OH at Maxwell and spinner repair	
October-17	at K&K Precision welding.	
LH Propeller Log		
	Installed OH'd propeller after OH at Maxwell and spinner repair	
October-17	at K&K Precision welding.	
RH Propeller Log		