

# Certificate of Release to Service

Aircraft registration	: N65MJ	Eng LH type	: TSIO-520-WB	Prop LH	: 3AF32C521-C
Aircraft type	: BEECH 58P	Eng LH sn	: 237518R	Prop LH sn	: 061697
Aircraft sn	: TJ-487	Eng LH TT	: 787:10	Prop LH TT	: 316:10
Aircraft hrs	: 3959:10	Eng RH type	: TSIO-520-WB	Prop RH	: 3AF32C521-C
Workorder no.	: 14106	Eng RH sn	: 237517R	Prop RH sn	: 061758
Date	: 28/05/2014	Eng RH TT	: 787:10	Prop RH TT	: 316:10
Next inspection	: 100hr@4059:10 or 28/05/15 (annual)				

**Work Done:** i.a.w. 118662Q  
Annual SMI 58P MM

Left manifold pressure indicator high  
Battery Cap Test 58P MM  
Ignition Switch  
Uplock Rollers  
Air Intake Filters R/H  
Air Pump Inline Filter 58P MM  
Instrument Air NRV 58P MM  
Fuel Selector LH/RH 58P MM  
Air Intake Filters L/H  
Air Pump Inline Filter 58P MM  
Fire & First  
Wing Spar corrosion EASA SIB 2008-60

Air pump inline filters  
Paper air filters FAA 84-26-02  
100HR SMI 58P MM

Bendix ignition switch FAA 76-07-12  
Fuel injector nozzles L/H SB 05-7  
Fuel injector nozzles R/H SB 05-7  
Cylinder Compression R/H TCM SB03-3

Engine Baffle Seals L/H 58P MM

Hot Magneto SB 653

Hot Magneto SB 653

Magneto/Engine timing R/H MSB94-8A  
Cylinder Compression L/H TCM SB03-3

Magneto/Engine timing L/H MSB94-8A

Crankshaft corrosion inspection L/H SB 09-14

Crankshaft corrosion inspection R/H SB 09-14

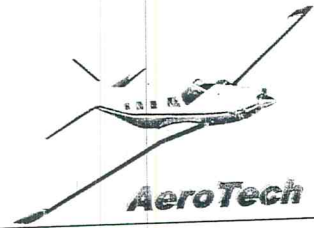
Annual inspection carried out i.a.w. Beech 58 100hr inspection guide P/N 118662Q.  
No fault found. Further monitoring required.  
Battery capacity check carried out. No1 85%, No2 90%.  
Ignition switch check carried out and found satisfactory.  
Uplock rollers lubricated.  
Air filter replaced.  
Air pump inline filters replaced.  
Instrument air NRV inspected and found satisfactory.  
Fuel selectors inspected and found satisfactory.  
Air filter replaced.  
Air pump inline filters replaced.  
Fire extinguisher inspected and found satisfactory.  
Wing spar corrosion check carried out i.a.w. EASA SIB 2008-60 and found satisfactory.  
Air pump inline filters replaced.  
Both induction air filters replaced.  
100hr inspection carried out i.a.w. Beech 100hr inspection guide P/N 118662Q  
Ignition switch function checked and found satisfactory.  
Fuel injection nozzles inspected and found satisfactory.  
Fuel injection nozzles inspected and found satisfactory.  
Cylinder compressions and boroscope check carried out. #1=62, #2=78, #3=70, #4=70, #5=60, #6=70  
Engine baffle seals inspected and found satisfactory for continued service.  
RH Hot magneto check carried out and found satisfactory.  
LH Hot magneto check carried out and found satisfactory.  
RH magneto timing checked and found satisfactory.  
Cylinder compression and boroscope inspection carried out. #1=70, #2=77, #3=78, #4=78, #5=77, #6=68.  
LH Magneto to engine timing checked and found satisfactory.  
LH crankshaft corrosion inspection carried out and found satisfactory.  
RH crankshaft corrosion inspection carried out and found satisfactory.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file at this agency.

Signed:

Authority: A&P2594968IA

Date: 28/05/14



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Cylinder inspection L/H SB 96-12	Cylinder compressions carried out. #1=62, #2=78, #3=70, #4=70, #5=60, #6=70.
Cylinder inspection R/H SB 69-12	Cylinder compressions carried out. #1=70, #2=77, #3=78, #4=78, #5=77, #6=68.
Engine baffle seals R/H 58P MM	Engine baffle seals inspected and found satisfactory for continued service.
Manifold valve inspection L/H SB 95-7	LH manifold valve inspection carried out and found satisfactory.
Manifold valve inspection R/H SB 95-7	RH manifold inspection carried out and found satisfactory.
Throttle and mixture control arms L/H SB CSB 08-3	LH throttle and mixture arms inspection carried out and found satisfactory.
Throttle and mixture control arms R/H SB SCB 08-3	RH throttle and mixture arms inspection carried out and found satisfactory.
Flexible fluid hoses L/H 58P MM	Fluid hoses inspected and found to be satisfactory for continued service.
Flexible fluid hoses R/H 58P MM	Fluid hoses inspected and found to be satisfactory for continued service.
Servo plug gasket L/H FAA 2009-02-03	FAA 2009-02-03 carried out and found satisfactory.
Servo plug gasket R/H FAA 2009-02-03	FAA 2009-02-03 carried out and found satisfactory.
Nose landing gear tyre U/S.	Nose landing gear tyre replaced. Bearings inspected and serviced. Wheel halves inspected, re-fitted and split pinned.
Turbocharger bracket on Stbd. engine cracked.	Bracket repaired. Now satisfactory.
Nose tyre worn to limits.	Nose tyre replaced.
RH brake caliper leaking.	RH brake caliper seals replaced. Brakes bled. Now satisfactory.
Landing gear doors require adjusting to fit snugly when up.	Doors satisfactorily adjusted.
LH eng. Air conditioning belt U/S.	Belt replaced.
LH Eng air conditioning tensioning pulley U/S.	Bearing replaced.
RH Eng. LH exhaust holed.	Exhaust wed repaired. Now satisfactory.
LH Eng. Exhaust heat shields have broken lugs.	Lugs weld repaired. Now satisfactory.
LH brake spongy.	Brake bled. Now satisfactory.
FAR 91.411	Altimeter certification not carried out at this time. No IFR flights permitted.
FAR 91.413	Transponder certification not carried out at this time. No flight in class A, B or C Airspace permitted.
FAR 91.207 ELT	ELT inspection/test carried out.

**Full details of work carried out and parts/materials used are held on file at Aerotech, Coventry under file reference job number 14106**

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