

BE58 FCOM



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 Incorporated: Revision 1

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BE58 FCOM Revision 1

Introduction

The BAVirtual Baron 58 FCOM Revision 1 is now available to preview in DocStore.

This manual provides details of standard BAVirtual operating procedures and techniques for use when flying BAVirtual Beech Baron BE58 aircraft. These procedures are to be used at all times during BAVirtual training operations using the Beech Baron and supplement and expand upon the Normal and Non-Normal Checklists.

The BE58 Normal Checklist is updated to Revision 4 to accompany the FCOM with minor changes which are summarised below.

The procedures contained within shall come in to effect as of 0001Z Sat 25th April 2020. All feedback is welcomed and should be submitted to the P5 Advanced Flying Training forum.

Summary of Changes – Normal Checklist Issue 4

Before Start Check	Before Start Check
Merlin Initialised	MerlinInitialised
Seats & Harnesses Position & Locked	Seats & Harnesses Position & Locked
Park Brake..... ON	Park Brake..... ON
Gear Handle..... DOWN	Gear Handle..... DOWN
Cowl Flaps..... OPEN	Cowl Flaps..... OPEN
Fuel Valves..... ON	Fuel Valves..... ON
Circuit Breakers..... IN	Circuit Breakers.IN
Magneto Switches OFF	Magneto Switches OFF
External Lights OFF	External Lights OFF
Avionics..... OFF	Avionics OFF
Prop Sync..... OFF	Prop Sync..... OFF
Ice Protection OFF	Ice Protection OFF
NAV/GPS Selector..... NAV	Fuel Boost Pumps OFF
Fuel Boost Pumps OFF	NAV/GPS Selector NAV
Flap Selector & Flap Position Agree	Flap Selector & Flap Position Agree
Battery & Alternator s/w's..... ON	Battery & Alternator s/w's ON
Fuel Quantity Verify	Fuel Quantity Verify
Gear Position Lights 3 green	Gear Position Lights 3 green
Flight Controls..... Check	Flight Controls Check
Trims..... Set	Trims..... Set
Departure Briefing Complete	Departure Briefing Complete

Engine Start Check	Engine Start Check
Beacon & Nav Lights ON Mixtures Full RICH Pitch Levers Full FINE ---START APPROVED--- Avionics OFF Propeller Area Clear Throttle Full OPEN Fuel Boost Pump Hi <i>(until fuel flow peaks, then OFF)</i> Throttle CLOSE, then OPEN ½ Inch Magneto Switch START, then BOTH Throttle 1,000 rpm Oil Pressure 10 psi within 30 secs External Power (if used) Disconnect Alternator <i>(if ext pwr used)</i> ON Electrics 28V and Charging START Annunciator Extinguished <i>Repeat for second engine</i>	Beacon & Nav Lights ON Mixtures Full RICH Pitch Levers Full FINE ATIS and Start Clearance Obtain ---START APPROVED--- Avionics OFF Propeller Area Clear Throttle Full OPEN Fuel Boost Pump Hi <i>(until fuel flow peaks, then OFF)</i> Throttle CLOSE, then OPEN ½ Inch Magneto Switch START, then BOTH Throttle 1,000 rpm Oil Pressure 10 psi within 30 secs External Power (if used) Disconnect Alternator <i>(if ext pwr used)</i> ON Electrics 28V and Charging START Annunciator Extinguished <i>Repeat for second engine</i>

After Start Check	After Start Check
Avionics ON Radios Tune Flight Instruments Set & Check Engine Instruments Check External Lights As Req'd	Avionics ON Radios Tune Flight Instruments Set & Check Engine Instruments Check External Lights As Req'd Fuel Valves CROSSFEED