

Beachcraft Musketeer BE-19

BEFORE STARTING ENGINE

- | | |
|--------------------------|---------------------|
| 1. Seats | Position and Lock |
| 2. Seat Belts, Harnesses | Fasten |
| 3. Parking Brake | Set |
| 4. Avionics | Off |
| 5. Circuit Breakers | In |
| 6. Flaps | Up |
| 7. Lights | As req |
| 8. Battery & Alt Switch | On |
| 9. Fuel Boost Pump | On, check, off |
| 10. Fuel Selector | Set to Fullest Tank |
| 11. Passenger Brief | Complete |

STARTING

- | | |
|-------------------------|----------------------|
| 1. Mixture | Full RICH (Forward) |
| 2. Throttle | Open 1/4 |
| 3. Fuel Boost Pump | On |
| 4. Prime | One to Six Strokes |
| 5. Magneto Start Switch | Start |
| 6. Alt Switch | On |
| 7. Oil Pressure | Check, within 30 sec |
| 8. Warm-Up | 1000-1200 RPM |
| 9. Engine Gauges | Check |
| 10. Fuel Boost Pump | Off |

AFTER START, BEFORE TAXI

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|------------------|---------|
| 1. Parking Brake | Release |
| 2. Brakes | Check |
| 3. Avionics | On |
| 4. Lights | As req |

ENGINE RUNUP

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|------------------------|---|
| 1. Parking Brake | Set |
| 2. Engine Instruments | Check |
| 3. Throttle | 2000 RPM |
| 4. Magnetos | Check, Max drop
125 RPM, 50 RPM Diff |
| 5. Carb Heat | Check |
| 6. Throttle | Idle |
| 7. Trim Tab | Set to T/O |
| 8. Flaps | As req |
| 9. Controls | Check Free & Correct |
| 10. Fuel Boost Pump | On |
| 11. Mixture | Full Rich or as Req |
| 12. Doors & Windows | Secure |
| 13. Parking Brake | Release |
| 14. Flight Instruments | Set |

Take-off Briefing

Engine failure on runway: abort takeoff.
Engine failure after rotation: land straight ahead.
Engine failure in flight: trim for best glide
78 KTS, engine out procedures

TAKEOFF

- | | |
|-----------------------|------------------|
| 1. Throttle | FULL |
| 2. Engine Instruments | Check |
| 3. Rotate | 61 KIAS |
| 4. Climb | As req. Vx or Vy |

CLIMB

Do not turn fuel boost pump off during climb.

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|-------------|--------------|
| 1. Throttle | Full |
| 2. Oil Temp | Monitor |
| 3. Mixture | Lean > 5000' |

CRUISE

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|---------------|------|
| 1. Power | Set |
| 2. Boost Pump | Off |
| 3. Mixture | Lean |

V Speeds (KIAS, sea level, max. gross weight)

V _{so} 48	V _{s1} 59	V _x 65	V _y 72
V _r 61	V _g 78	V _{fe} 96	V _a 116

Beachcraft Musketeer BE-19

DESCENT

- | | |
|--------------|--------|
| 1. Altimeter | SET |
| 2. Power | As req |
| 3. Mixture | Set |

BEFORE LANDING

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|---------------------------|---------------------|
| 1. Seat Belts & Harnesses | Secure |
| 2. Fuel Selector Valve | Fulllest Tank |
| 3. Mixture | Full Rich or as req |
| 4. Landing Light | As req |

LANDING

- | | |
|--------------------|-------------------------------|
| 1. Flaps | Set |
| 2. Air Speed | 63-Flaps Down,
77-Flaps Up |
| 3. Carburetor Heat | As req |
| 4. Fuel Boost Pump | On |

BALKED LANDING

- | | |
|--------------------|------------------------------------|
| 1. Carburetor Heat | Cold |
| 2. Power | Full |
| 3. Airspeed | 60 KTS until clear of
obstacles |
| 4. Flaps | Up |

AFTER LANDING (clear of RWY)

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|-------------|-------------|
| 1. Lights | As req |
| 2. Flaps | Up |
| 3. Trim tab | Set to Zero |

SHUTDOWN

- | | |
|---------------------------|-------------|
| 1. Brakes | Set |
| 2. Fuel Boost Pump | Off |
| 3. Electical & Avionics | Off |
| 4. Throttle | Closed |
| 5. Mixture | Idle/Cutoff |
| 6. Magneto Start Switch | Off |
| 7. Battery and Alt Switch | Off |
| 8. Control Lock | Install |

EMERGENCY PROCEDURES

ENGINE FAILURE IN FLIGHT

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|------------------------|----------------------------|
| 1. Pitch | Trim for best glide 78 |
| 2. Mixture | Full Rich, Lean as Req |
| 3. Fuel Boost Pump | On |
| 4. Fuel Selector Valve | Select other Tank |
| 5. Magnetos | Check left, right,
both |

IF NO RESTART

- | | |
|-----------------------------|------------------------------|
| 1. Establish maximum glide | |
| 2. Throttle | Close |
| 3. Fuel Selector Valve | Off |
| 4. Mixture | Idle Cut-off |
| 5. Magneto Start Switch | Off |
| 6. Battery, Alt, Fuel Boost | Off |
| 7. Air speed | 63 KTS |
| 8. Flaps | Full when landing
assured |