

# CHECKLIST – BEECHCRAFT G18S

## Pre-Start Checklist

- |                         |             |
|-------------------------|-------------|
| 1. Cabin Door           | CLOSED      |
| 2. Controls             | FREE        |
| 3. Landing Gear SW.     | DOWN        |
| 4. Parking Brake        | ON          |
| 5. Bat. & Gen. SWS.     | ON          |
| 6. Gear Safe Light      | CHECK       |
| 7. Fuel Quantity        | CHECK       |
| 8. Fuel Selectors       | MAIN        |
| 9. Crossfeed            | OFF         |
| 10. Anti-Ice Fluid      | CHECKED     |
| 11. Trim                | SET > T/O   |
| 12. Flap Switch         | NEUTRAL     |
| 13. Throttles           | 1/8 OPEN    |
| 14. Mixtures            | RICH        |
| 15. Props.              | HIGH        |
| 16. Manifold Heat       | COLD        |
| 17. Oil Shutters        | HOT         |
| 18. Oil Shutoff Valves  | OPEN        |
| 19. Circuit Breakers    | CHECKED     |
| 20. Electrical Switches | OFF         |
| 21. Alt. Static Source  | NORMAL      |
| 22. Oil By-Pass Valves  | AS REQUIRED |
| 23. Warning Lights      | CHECKED     |

## Start Checklist

- |                               |             |
|-------------------------------|-------------|
| 1. Fuel Boost Pumps           | ON          |
| 2. Magnetos                   | OFF         |
| 3. Engine Sel. SW.            | RT or LT    |
| 4. Starter (2 Revs)           | ENGAGE      |
| 5. Magnetos.                  | ON          |
| 6. Ignition Boost SW.         | ON          |
| 7. Primer                     | AS REQUIRED |
| (SAME PROC. FOR OTHER ENGINE) |             |
| 8. Fuel Boost Pumps           | OFF         |

9. Warm Up Engines 1000-1200 RPM

## After-Starting Engines

- |                     |             |
|---------------------|-------------|
| 1. Oil Pressure     | UP          |
| 2. Fuel Boost Pumps | OFF         |
| 3. Lights           | AS REQUIRED |
| 4. Radios           | ON          |
| 5. Tailwheel        | UNLOCKED    |
| 6. Parking Brake    | UNLOCKED    |

## Run-Up

- |                     |           |
|---------------------|-----------|
| 1. Temps. & Press.  | GREEN ARC |
| 2. Props (1500 rpm) | EXERCISE  |
| 3. Manifold Heat    | CHECK     |
| 4. Vacuum           | CHECK     |
| 5. Volt/Ammeters    | CHECK     |
| 6. Mags. (1800 rpm) | CHECK     |

## Before Take-Off

- |                   |             |
|-------------------|-------------|
| 1. Controls       | FREE        |
| 2. Mixture        | RICH        |
| 3. Props.         | HIGH RPM    |
| 4. Friction Locks | SET         |
| 5. Oil Shutters   | AS REQUIRED |
| 6. Manifold Heat  | COLD        |
| 7. Flaps          | UP          |
| 8. Fuel Selector  | MAIN TANKS  |
| 9. Oil By-Pass    | CLOSED      |
| 10. Trim          | SET         |
| 11. D.G.'s        | SET         |
| 12. Instruments   | CHECK       |
| 13. Navs.         | CHECK / SET |

# CHECKLIST – BEECHCRAFT G18S

## Take-Off

- |                     |        |
|---------------------|--------|
| 1. Time             | RECORD |
| 2. Fuel Boost Pumps | ON     |
| 3. Landing Lights   | ON     |
| 4. Inverter         | ON     |

- |                |                  |
|----------------|------------------|
| 5. Transponder | ALT              |
| 6. Tail Wheel  | LOCKED           |
| 7. D.G.'s      | R.W. HEADING     |
| 8. Pitot Heat  | AS REQUIRED      |
| 9. Throttles   | 36.5" & 2300 RPM |

- 10. Oil Pressure GREEN ARC
- 11. Oil Temperature GREEN ARC

- 5. Battery/Gen SW's OFF
- 6. Tailwheel LOCK
- 7. Controls LOCK
- 8. Tiedowns (3 POINTS)
- 9. Chocks ALL WHEELS

### **Climb**

- 1. Gear UP
- 2. Flaps UP
- 3. Manifold Pressure 32"
- 4. Prop. RPM 2150 RPM
- 5. Fuel Boost Pumps OFF – PX CK
- 6. Landing Lights OFF
- 7. Airspeed 120/140 MPH
- 8. Flight Plan OPEN

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### **Airspeeds – Miles-Per-Hour**

- |         |             |         |
|---------|-------------|---------|
| Vne 257 | Vyse 122    | Vmc 86  |
| Vno 205 | Vyxe 110    | Vle 160 |
| Vy 135  | Vlo 160     | Vx 119  |
| Va 153  | Vfe 120     | Vso 75  |
| Vs 80   | Max T/O Wt: | 10,100  |
|         | Max Lnd Wt: | 9,800   |

### **Cruise**

- 1. Manifold Pressure 28"
- 2. Prop. RPM 2000 RPM
- 3. Mixture Lean
- 4. Oil Shutters 150 F.
- 5. Manifold Heat AS REQUIRED
- 6. Fuel Quantity Manage

### **Approach / Descent Checklist**

- 1. Customs Code OBTAIN
- 2. Fuel Selectors MAIN TANKS
- 3. Mixtures ENRICHEN
- 4. Manifold Pressure 26"
- 5. Manifold Heat AS REQUIRED
- 6. Altimeters SET
- 7. Navs SET
- 8. Flight Plan CLOSED

### **Before Landing Checklist**

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- 1. Fuel Boost Pumps ON
  - 2. Landing Lights ON
  - 3. Props. 2150 RPM
  - 4. Landing Gear DOWN/GREEN
  - 5. Manifold Heat OFF
  - 6. Heater CYCLE
  - 7. Brakes CHECK
  - 8. Flaps AS NEEDED

### **After Landing Checklist**

- 1. Fuel Boost Pumps OFF
- 2. Landing Lights OFF
- 3. Inverter OFF
- 4. Transponder STBY
- 5. Props. HIGH RPM
- 6. Oil Shutters 150 F.
- 7. Flaps UP
- 8. Pitot Heat OFF
- 9. Taxi Lights AS REQUIRED
- 10. Time RECORD

### **Shutdown Checklist**

- 1. Parking Brake SET
- 2. Radios OFF
- 3. Mixtures IDLE CUT-OFF
- 4. Magnetoes OFF