

Beechcraft C18S and D18S Panel

For the MS FSX Beechcraft C18S and D18S

NOTE

Except for minor compatibility changes, this panel is the same panel produced by Milton Shupe, Scott Thomas, and André Folkers for the FS2004 D18S. The Beech Model 18 panels are all relatively simple and straight forward - much like the qualities that contributed to making the Model 18s such classics, and why so many are still flying today! Please read all the Documents included in the package, and familiarize yourself with this wonderful airplane.

No quality flight simulation project is ever completed without the technically skilled background of many others and literally thousands of hours of design and rendering effort. While enjoying this product, think for a moment about the many people who have made that enjoyment possible.

General Arrangement



While the FSX C18S and D18S can be completely controlled using the virtual cockpit, several 2D panels are also provided that may be used as desired to enhance the flying experience.

Pilots 2D Panel (SHIFT+1)



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| 1, Autopilot (See detail) | 13. Airspeed |
| 2. Emergency Prop Feather (Press to operate, cut Mixture to stop prop, turn off engine electrical power. Restart engine to reset.) | 14. Cylinder Head Temp |
| 3. Heading Selector (Large black and white needle points to set heading and white needle tracks heading) | 15. Carb Air Temp |
| 4. Radio Compass (Red and white needle points to ADF-1 station. Green needle points to ADF-2 station or the NAV1 radial as selected on the radio) | 16. Suction |
| 5. Engine RPM | 17. Elevator Trim Position |
| 6. Engine MAP | 18. Altimeter |
| 7. NAV 1 VOR | 19. Turn and Bank |
| 8. Eng 1 Oil, Temp, Fuel | 20. VSI |
| 9. Eng 2 Oil, Temp, Fuel | 21. Fuel Gauge Selector |
| 10. Directional Gyro | 22. Flap Position |
| 11. Attitude Indicator | 23. Rudder Trim Position |
| 12. Park Brake Light | 24. VC Light (Turns on VC Cockpit lighting only) |
| | 25. Cowl Flaps |
| | 26. Gear Position Indicator Lights |
| | 27. DME (switch toggles DME from "Time to Dest" to "Knots" NAV 1 DME only) |
| | 28. Tail Wheel Lock Indicator (Click to lock and unlock tailwheel on 2D panel) |
| | 29. Fuel Low Indicator |

Lower Panel (SHIFT+6)



Pilots 2D Panel - Raised Seat (SHIFT+5)

May be used while taxi to improve visibility



Autopilot



Note main autopilot switch (30) shown on lower panel above. When ON, the autopilot holds current pitch and the pre-set heading on Heading Selector (3).

ECU Popup (SHIFT+7)



Operative Features:

- Prop Pitch
- Throttles
- Mixture
- Manifold/Carb Heat (MH)
- Landing Gear (WHEELS)
- Flaps
- Aileron Trim
- Fuel Selectors
- Tail Wheel Lock
- Parking Brake

The Oil Shutters (OS) are inoperative.

The Cowl Flap handles are located on the left side of the ECU.



Radio Panel Popup (SHIFT+2)



The NAV 1 frequency is the only and always active frequency. The NAV 2 frequency must be swapped by the STANDBY FREQ SWAP Button to become active. The Green Needle on the Radio Compass reads ADF 2 or NAV 1. ADF 1 is the only frequency read by the red and white needle.

Additional Panels and Views



Virtual Cockpit - Initial Normal View



GPS (SHIFT+3)



Transponder (SHIFT+8)



Mini ECU (SHIFT+4)

A complete history of the Beechcraft Model 18 is provided in the included document "Beechcraft SNB-5 Navigator specifications and photos". For additional operating and reference information, see the check list and reference information provided in FSX,