Miltech Simulations MV-22B Tiltrotor

Center/Control Display Unit (CDU)

The Osprey is equipped with one Control Display Unit (CDU), located on the center console, between the pilot and copilot. It features a large LCD Display, surrounded by a bezel containing switches and push buttons. The top left rotary know controls the screen brightness mode (OFF, DAY, NIGHT). The CDU also features two keyboards, located just underneath the display, for data entry.



Figure: Center/Control Display Unit Page

1. ▣ **CDU Menu Buttons:** Opens the CDU menu on the CDU display. On first click: Menu 1, on second click: Menu 2.
2. **Cautions and Advisories Menu:** Opens the Cautions and Advisories screen on the CDU display.
3. ▣ **Stats Button:** Opens the Status Functions on the CDU Display.
4. ▣ **EICAS Button:** Opens the EICAS on the CDU Display.

5. ▣ **ACK Button:** INOP
6. **EICAS:** Engine Instrument Crew Alerting System
7. **Cautions and Advisories**
8. ▣ **EMCON Button:** Emissions Control, INOP
9. ▣ **INAV Button:** Internal Navigation, INOP
10. ▣ **ENAV Button:** External Navigation, INOP
11. ▣ **COMM Button:** Communications, INOP (See: Control Display Unit - Menu 2 for more information)
12. ▣ **FPLN Button:** Flight Plan (See: Control Display Unit - Flight Plan Menu for more information)
13. ▣ **WYPT Button:** Waypoint (See: Control Display Unit - Waypoint Menu for more information)
14. ▣ **ECS Button:** Engineering Control System, INOP
15. ▣ **IFF Button:** Identification Friend or Foe, INOP
16. ▣ **MSN Button:** Mission, INOP
17. ▣ **W/W Button:** Wipers, INOP
18. ▣ **LTS Button:** Lights Menu (See: Control Display Unit - Lights Menu for more information
19. ▣ **EMER Button:** Emergency, INOP
20. **Input Keyboard**
21. **PUSH 10X** - INOP
22. ▣ **BRT Button** - INOP

Pages

1. CDU - Menu 1
2. CDU - Menu 2
3. Flight Plan (FPLN) Menu
4. Waypoint (WYPT) Menu
5. Mission (MSN) Menu
6. Timer (TIMER) Menu
7. Exterior Lighting (LTS) Menu
8. Status Functions (STAT) Menu
9. Engine Instrument Crew Alerting System (EICAS) & Standby Flight Display