Miltech Simulations CH47D

Overview - Cockpit



Cockpit Overview

1. **Overhead Panel:** Overhead Panel
2. **Main Instrument Panel:** Main Instrument Panel
3. **Center Console:** Center Console
4. **Cyclic:** It allows the pilot to tilt the rotor discs. By tilting the rotor discs, the pilot directs the helicopter's thrust, enabling forward, backward, lateral, and combined movement.
5. **Collective:** It controls the overall pitch angle of all the main rotor blades simultaneously. Increasing the collective pitch increases the lift generated by the rotor system, causing the helicopter to rise.
6. **Directional Pedals:** These pedals control the yaw (rotation around the vertical axis) of the helicopter. Pressing the left pedal increases the pitch of the aft rotor blades and reduces pitch on the forward rotor blades. Conversely, pressing the right pedal increases pitch on the forward rotor blades and decreases it on the aft rotor blades. This differential adjustment of blade pitch controls the torque balance and allows the pilot to turn the helicopter left or right.
7. **Electronic Flight Bag:** Electronic Flight Bag (EFB)
8. **Coilot Side Emergency Cockpit Door:** These doors are emergency use only, and therefore once jettisoned they cannot be closed unless you restart the flight.
9. **Pilot Side Emergency Cockpit Door:** These doors are emergency use only, and therefore once jettisoned they cannot be closed unless you restart the flight.