Miltech Simulations CH47D

Main Instrument Panel



Main Instrument Panel Overview

Center Instrument Panel

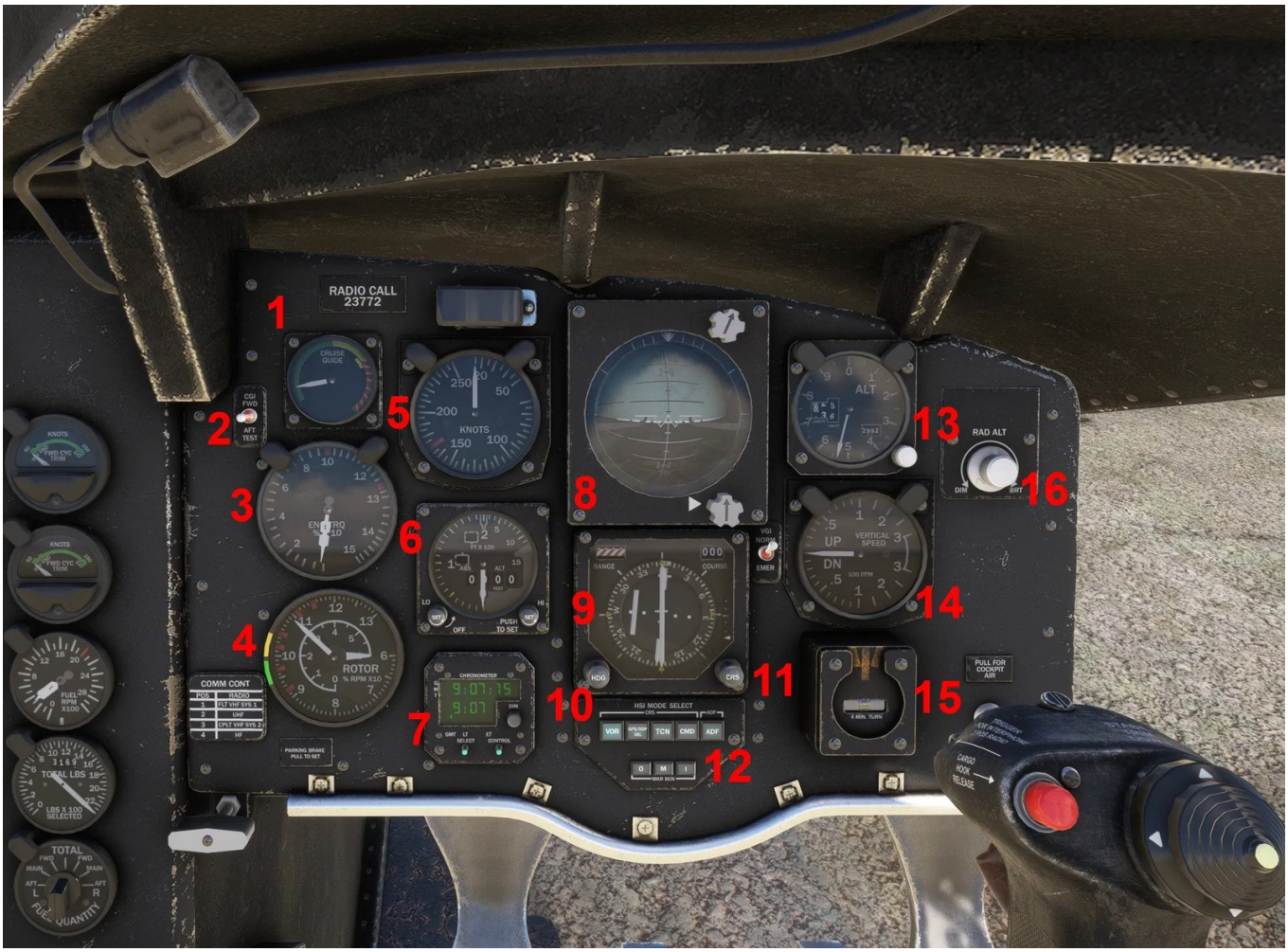


Center Instrument Panel

1. **Master Caution/Advisory Panel**
2. **Missile Alert Display** (INOP)
3. **FIRE PULL Handles** (INOP)
4. **↔ FIRE Test Switches** (INOP)
5. **↔ IFF/GPS Zeroize Switch** (INOP)
6. **Engine 1/Engine 2 N1:** Gas Producer Tachometer
7. **Power Turbine Inlet Temperature Indicator**
8. **Engine Oil Temperature Indicator**
9. **Engine Oil Pressure Indicator**
10. **Transmission Oil Pressure Indicator**

11. ◇ **Transmission Oil Pressure Selector:** selects system to display on #10
12. **Transmission Oil Temperature Indicator**
13. **Transmission Oil Temperature Indicator:** selects system to display on #12
14. **FWD Longitudinal Cyclic Trim Indicator**
15. **AFT Longitudinal Cyclic Trim Indicator**
16. **Fuel Flow Indicator**
17. **Fuel Quantity Indicator**
18. ◇ **Fuel Quantity Selector:** selects tank to display on #17
19. **Caution Light Test**
20. ◇ **VHF Antenna Selector** (INOP)
21. **Compass**

Pilot-Side Instrument Panel



Pilot-Side Instrument Panel

1. **Cruise Guide Indicator (CGI):** Gives the pilot a visual indication of the loads imposed on critical components. Needle should be kept in the green band, with only transient excursions into the yellow band.
2. **CGI Test:** Up for FWD Rotor System, down for AFT Rotor System.

3. **Torquemeter**
4. **Rotor Tachometer (RPM %).** Small needle measures from 0-50%, large needle from 50-130%
5. **Airspeed Indicator (Knots)**
6. **Radar Altimeter**
7. **Chronometer**
8. **Attitude Indicator**
9. **Horizontal Situation Indicator (HSI)**
10. ◇ **Heading Selector:** Affects both the heading (HSI heading bug) and Autopilot Heading Select.
11. ◇ **Course Selector**
12. **HSI Mode Select:** Selects source for navigation data (VOR, TACAN, ADF)
13. **Barometric Altimeter**
14. **Vertical Speed Indicator**
15. **Turn and Slip Indicator**
16. ◉ **Radar Altimeter Dimmer Knob**

Copilot-Side Instrument Panel



Copilot-side Instrument Panel

1. **Torquemeter**
2. **Rotor Tachometer (RPM %).** Small needle measures from 0-50%, large needle from 50-130%
3. **Airspeed Indicator (Knots)**
4. **Radar Altimeter**
5. **Chronometer**
6. **Attitude Indicator**
7. ◇ **Course Selector**
8. ◇ **Heading Selector:** Affects only the HSI heading bug
9. **HSI Mode Select:** Selects source for navigation data (VOR, TACAN, ADF)
10. **Barometric Altimeter**
11. **Vertical Speed Indicator**
12. **Turn and Slip Indicator**

13. ◉ **Radar Altimeter Dimmer Knob**