Miltech Simulations MH60

Normal Procedures - S, R, T

> Caution
> **SIMULATION USE ONLY - DO NOT USE THIS DOCUMENTATION ON A REAL AIRCRAFT**

Sim Operation Remarks

1. Make sure your controls are correctly configured for Helicopter Flight. Check the Recommended Hardware Configuration
2. Make sure your hardware has all the necessary keybinds configured. Check the Keybinds Guide
3. **Rotor Brake:** Keybind must be correctly configured, as otherwise it may interrupt the execution of other functions, or result in an incorrect activation.

ROTOR BRAKE

Configure keybind for press+hold (Input repetition must be enabled). You may also use TOGGLE ROTOR BRAKE to lock it into position (ON/OFF without requiring input repetition)

Before Start Checklist

1. **Wheel Chocks** - SET [KEYSET-Config-Chocks ON]
2. **Parking Brake** - SET
3. **↔ Tail Wheel Switch** - LOCKED
4. **Engine Fire T-Handles** - FORWARD
5. **APU Fire T-Handle** - IN
6. **↔ Battery Switch** - ON
7. **Fire Detection Test 1, 2** - TEST/CHECKED
8. **Interior/Exterior NVD Lighting** - AS REQUIRED
9. **Walkaround/Area** - CLEAR
10. **Exhaust Plugs and Pitot Static Covers** - REMOVED [KEYSET-Config-Covers OFF]
11. **↔ Air Source ECS Switch** - APU
12. **Prime Fuel Pump** - APU BOOST
13. **Fuel Boost Pump #1 and #2** - BOTH ON
14. **↔ APU Contr Switch** - ON
15. **APU Generator** - ON
16. **Air Source ECS** - AS REQD
17. **Flight and Mission Displays** - DAY/NIGHT AS REQD
18. **↔ PRI and BU CMPTR PWR Switches** - BOTH ON
19. **↔ 1 and 2 EGI PWR Switches** - ON, Wait for Alignment
20. **↔ Blade Fold Master Switch** - ON

21. ↔ **Blade Fold Switch** - SPREAD
22. **Pylon Flight and Rotor Spread Lights** - ILLUMINATED
23. ↔ **Utility Hyd Pump Switch** - ON
24. **BARO Alts, Clocks, Stby Instruments** - SET/UNCAGE
25. **MD Systems Page** - SELECT/CHECK
26. **Cautions and Advisories** - ACKNOWLEDGE
27. **Fuel Quantity and Readouts** - CHECKED
28. **Radar Altimeter** - SET DH
29. **COMM/NAV/XPDR** - TEST/SET
30. **Load Equipment, Weapons, FTP** - LOADED (Keyset)

Engine Start Checklist

1. **Area** - CLEAR
2. **Doors** - CLOSED AND LOCKED
3. **SAS1, SAS2, TRIM** - ALL ON, Caution Extinguished
4. **Stabilator Auto Control** - ON
5. ↔ **Engine Ignition Switch** - NORM
6. ◇ **#1, #2 Fuel Selector Levels** - XFD
7. **Lights** - AS REQUIRED
8. ▣ **Starter #1 Button** - PRESSED
9. **TGT ENG 1** - LESS THAN 80 DEGREES
10. **PCL ENG 1** - IDLE
11. **Engine #1 Values** - WITHIN LIMITS
12. ▣ **Starter #2 Button** - PRESSED
13. **TGT ENG 2** - LESS THAN 80 DEGREES
14. **PCL ENG 2** - IDLE
15. **Engine #2 Values** - WITHIN LIMITS
16. **Engine Oil Pressures** - CHECKED
17. **Engine NGs** - MATCHED WITHIN 3%
18. **Rotor Brake** - OFF
19. **PCL#1 and PCL#2 -** FLY
20. ◇ **Fuel Selector Levers 1 and 2** - DIR
21. **TRQs** - MATCHED WITHIN 5%
22. **NP/NR** - 100%
23. ↔ **#1 and #2 Generator Switches** - ON

24. **Air Source ECS** - ENG
25. **APU Generator** - OFF
26. **↔ APU Contr Switch** - OFF
27. **De-Ice System** - AS REQD

Before Taxi Checklist

1. **Chocks** - REMOVED FOR TAXI [KEYSET-Config-Chocks OFF]
2. **Lights** - AS REQD
3. **Parking Brake** - RELEASED
4. **↔ Tail Wheel Switch** - RELEASED AND CHECKED

Before Takeoff Checklist

1. **Lights** - AS REQD
2. **Anti-Ice, Pitot Heat, De-Ice** - AS REQD
3. **SAS1, SAS2, TRIM Pushbuttons** - CHECK ON
4. **Stabilator Auto Control** - CHECK ON
5. **Instruments and WCAs** - CHECKED
6. **Transponder** - SET
7. **↔ Tail Wheel Switch** - LOCKED
8. **Set Takeoff Collective** - SET

Climb and Cruise Checklist

1. **Lights** - AS REQD
2. **Anti-Ice, Pitot Heat, De-Ice** - AS REQD
3. **Autopilot Systems** - AS REQD
4. **Instruments and WCAs** - CHECKED
5. **Fuel Consumption** - CHECKED

Before Landing Checklist

1. **Lights** - AS REQD
2. **Instruments and WCAs** - CHECKED
3. **Fuel Consumption** - CHECKED
4. **↔ Tail Wheel Switch** - LOCKED
5. **Landing Area** - ALL CLEAR

After Landing Checklist

1. **Flight Controls** - NEUTRALIZE
2. **Brakes** - AS REQD

3. ↔ **Tail Wheel Switch** - AS REQD
4. **Lights** - AS REQD
5. **Anti-Ice, Pitot Heat, De-Ice** - OFF
6. ↔ **Air Source ECS Switch** - APU
7. **Prime Fuel Pump** - APU BOOST
8. ↔ **APU Contr Switch** - ON
9. **APU Generator** - ON

Engine Shutoff/Aircraft Switchoff Checklist

1. **Lights** - AS REQD
2. ↔ **Tail Wheel Switch** - LOCKED
3. **Transponder** - STBY
4. **Parking Brake** - SET
5. **Chocks** - SET [KEYSET-Config-Chocks ON]
6. ↔ **#1 and #2 Generator Switches** - OFF
7. ↔ **Engine Ignition Switch** - OFF
8. **#1 and #2 PCL** - IDLE for 1 MIN
9. ◇ **#2 PCL and Fuel Selector Lever** - OFF
10. ◇ **#1 PCL and Fuel Selector Lever** - OFF
11. **Rotor Brake** - ON, AS REQD
12. **Stabilator Auto Control Pushbutton** - OFF
13. **SAS1, SAS2 and TRIM Pushbuttons** - OFF
14. **Utility Hyd Pump** - OFF
15. ↔ **Blade Fold Master and Switch** - AS REQD
16. ↔ **PRI and BU CMPTR PWR Switches** - OFF
17. ↔ **#1 and #2 EGI PWR Switches** - OFF
18. **Flight and Mission Displays** - OFF
19. **Lights** - OFF
20. **APU Generator** - OFF
21. ↔ **Air Source ECS Switch** - OFF
22. ↔ **APU Contr Switch** - OFF
23. **Prime Fuel Pump** - OFF
24. **Boost Fuel Pumps #1 and #2** - OFF
25. ↔ **Battery Switch** - OFF