Stratoware/Miltech Simulations Bo105

Quick Start Guide

Let's get you flying.

Getting Started

The Bo 105 is a twin-engine, multi-role, light utility helicopter known for its manoeuvrability and precision control. Its rigid rotor head system grants the helicopter unparalleled agility, enabling it to perform aerobatic manoeuvres. As a result, the helicopter controls are extremely sensitive to small inputs and require deliberate and thoughtful control.

Control inputs translate almost instantaneously into aircraft movement, leaving very little margin for overcorrection. In certain situations, such as during takeoff, constant rudder pedal input may be required to prevent the aircraft from entering an uncontrolled yaw. Without it, the helicopter will spin rapidly and recovery is difficult. Mastering the Bo 105 takes considerable practice, but once the necessary muscle memory is developed, it never goes away.

For information about the included configurations and liveries, please see Configurations.

Configuring your Controls

Out of the box, MSFS will map your controls as follows:

- **Throttle - Collective**
- **Elevator - Cyclic Longitudinal**
- **Aileron - Cyclic Lateral**

This is generally sufficient to get you flying. However, we strongly recommend reviewing the Hardware Configuration and Keybinds Guide pages for guidance on configuring your controls, as well as several mission and utility systems.

Caution
Please **DO NOT USE** HELICOPTER THROTTLE AXIS , and unassign this from your hardware.

Caution

Find ROTOR BRAKE in your controls options,

- Configure keybind for Press+Hold (input repetition must be enabled) activation.
- Alternatively, you may use TOGGLE ROTOR BRAKE to lock it into position (ON/OFF without requiring input repetition).

Cold-and-Dark *Quick* Start & Fly

This is a simplified start-up guide for all configurations of the Bo 105. For information on the location of specific switches, please view Cockpit Layout.

Pre Flight

1. **Walkaround Mode** - ACTIVE (CTRL + C or click Pilot Door Handle)
2. **Static Port Cover** - REMOVE
3. **Ground Handling Wheels** - REMOVE
4. **Blade Socks** - REMOVE
5. **Engine Covers** - REMOVE
6. **↔ Battery Switch** - ON
7. **Altimeter, Clock, Gyro** - SET
8. **Fuel Quantity** - CHECK
9. **Anti-collision Lights** - ON

Engine Start

1. **Fuel Pumps** - ALL ON
2. **Starter ENG 1** - ON
3. **Monitor N_1** - INCREASING
4. **Power Lever Guard ENG 1** - ON
5. **Power Lever ENG 1** - MOVE TO IDLE
6. **Monitor:**
7. **TOT ENG 1** - MAX 927 °C
8. **N_2/N_{Ro}** - INCREASING
9. **Engine 1 Oil Pressure** - POSITIVE
10. **Starter ENG 1** - OFF
11. **Generator ENG 1** - ON
12. **Repeat for ENG 2**

Before Takeoff

1. **Communication / Navigation Systems** - SET
2. **Anti-ice** - AS REQUIRED
3. **Doors** - LOCKED
4. **Warning Lights** - OFF
5. **Power Levers** - MOVE TO FLIGHT
6. **N_2** - 98-102%
7. **Instruments** - GREEN
8. **Ready for Takeoff!**

For detailed checklists, please refer to: Standard Procedures