Stratoware/Miltech Simulations Bo105

Hardware Configuration

Configure your joystick or controller for optimal flying.

Primary Flight Controls Configuration

If you are not familiar with helicopters, this guide should help you understand the basic controls that make them fly, and help you configure the controls correctly.

The Cyclic

This stick sits between your legs. Moving it forward or back controls the helicopter's pitch (nose up or down). Moving it side-to-side controls the helicopter's roll (leaning left or right).

- **Pitch Binding:** ELEVATOR AXIS or CYCLIC LONGITUDINAL AXIS
- **Roll Binding:** AILERONS AXIS or CYCLIC LATERAL AXIS
- Both Pitch and Roll can be trimmed, making flight more comfortable for the user:
- **Cyclic Pitch Trim Binding:** INCREASE ROTOR LONGITUDINAL TRIM and DECREASE ROTOR LONGITUDINAL TRIM
- **Cyclic Roll Trim Binding:** INCREASE ROTOR LATERAL TRIM and DECREASE ROTOR LATERAL TRIM

The Collective & Throttle

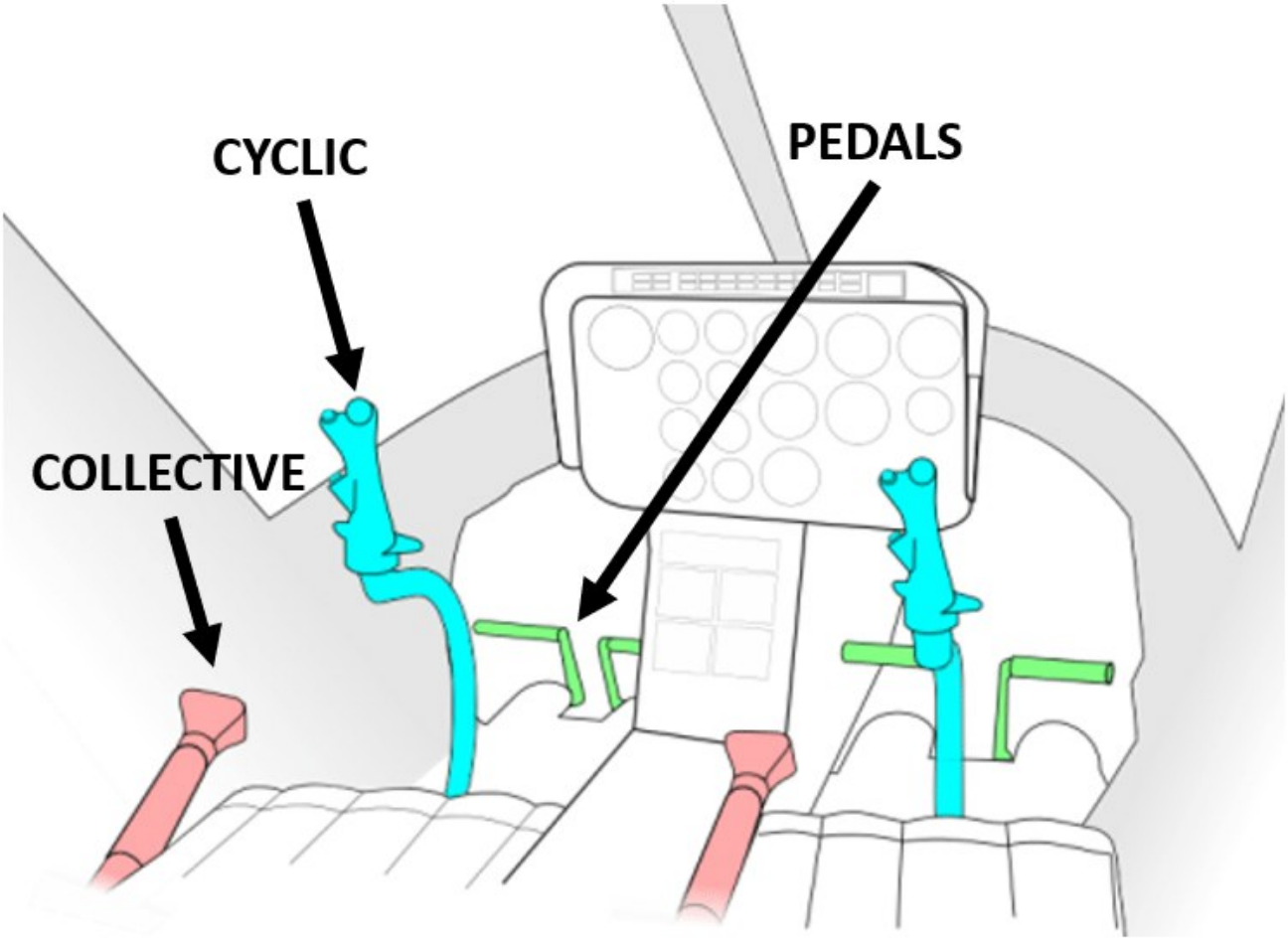
This lever is on your left side. Raising the collective increases the pitch of all rotor blades at once, generating more lift and making the helicopter rise. Lowering it causes the helicopter to descend.

- **Collective Binding:** THROTTLE AXIS or COLLECTIVE AXIS
- **Is there Throttle Control?:** While the Bo 105 does have manual throttle control, assigning this to your hardware will likely interfere with the governor (device that automatically maintains a constant rotor speed (RPM) in a helicopter). This is key for simulating dual engine functionality. \ \ **Therefore, please DO NOT USE HELICOPTER THROTTLE AXIS .**

Tail Rotor Pedals

These are on the floor at your feet. Pushing the pedals lets you turn the helicopter nose left or right.

- **Tail Rotor Pedals Binding:** RUDDER AXIS or TAIL ROTOR AXIS



Generalised Helicopter Controls

- **Rotor Brake:** this must be correctly configured, as it may interfere with background functions. 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).

Control Sensitivity Configuration

The Bo 105 is designed to be extremely maneuverable, and as a result, the controls are extremely sensitive to small inputs and require deliberate and thoughtful control. In certain situations, constant rudder pedal input may be required to prevent the aircraft from entering a spin.

We reccommend adjusting the sensitivity of your yaw axis according to your personal preference. If you're struggling to find a balance that works for you, please drop us a message: Contact Us.

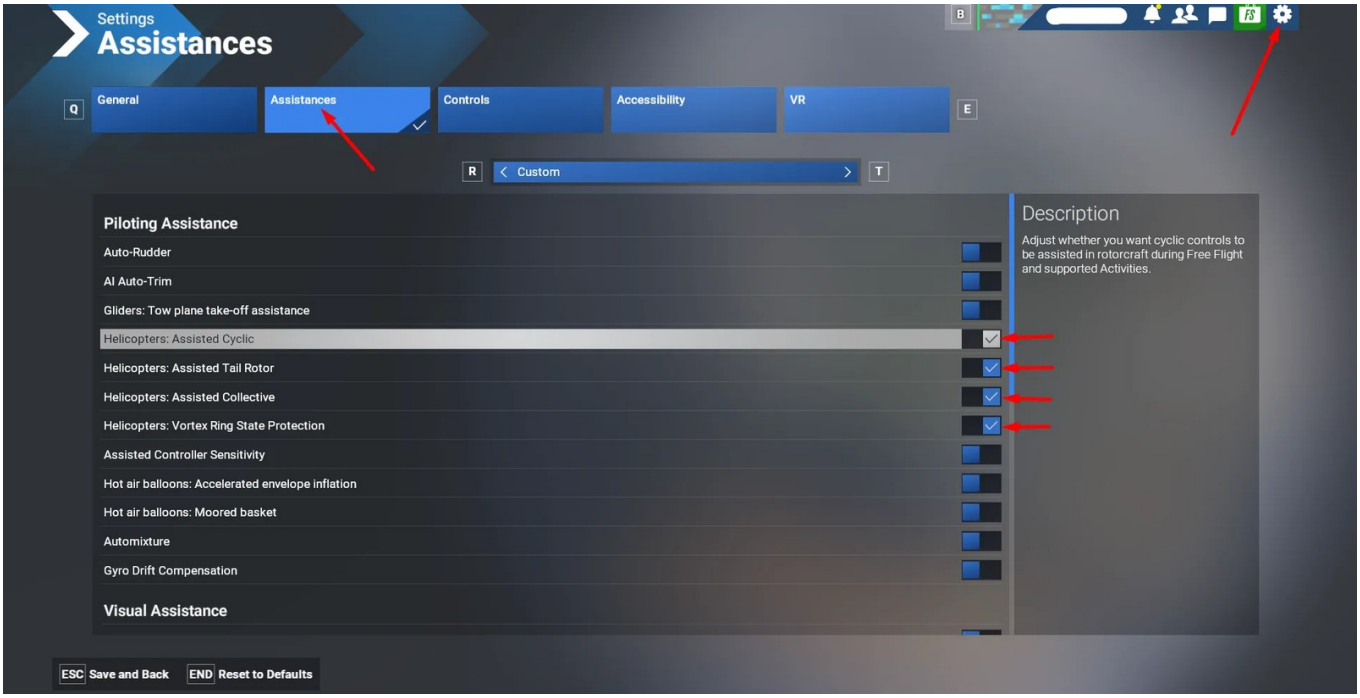
Additionally, Xbox controller users may benefit from dampened sensibility in the cyclic axis for more precise control in hover.

Control Assistances

If you're struggling to control the Bo 105, we reccommend turning on helicopter assistances. Follow these steps:

1. Open settings

2. Select the assistances menu
3. Turn on the four helicopter related assistances:
4. Helicopters: Assisted Cyclic
5. Helicopters: Assisted Tail Rotor
6. Helicopters: Assisted Collective
7. Helicopters: Vortex Ring State Protection



Keybinds, LVARs and HEvents

The Keybind Guide is frequently updated, please refer to: Keybinds Guide