Miltech Simulations CH47D

Keybinds Guide

> Caution
> Support for Keybinded Switches, as well as this guide is still a Work in Progress. We plan to support as many functions as possible given the limited amount of usable keybinds available.
> **NOTE THAT NO KEYBINDS WILL BE AVAILABLE FOR EFB FUNCTIONS.**

Primary Flight Controls

Function	MSFS Axis Bindings
Collective	THROTTLE AXIS or COLLECTIVE AXIS
Cyclic Pitch	ELEVATOR AXIS or CYCLIC LONGITUDINAL AXIS
Cyclic Roll	AILERONS AXIS or CYCLIC LATERAL AXIS
Directional Pedals	RUDDER AXIS or TAIL ROTOR AXIS - You may have to use the Split Rudder Axis depending on your hardware configuration (RUDDER AXIS LEFT and RUDDER AXIS RIGHT)
Steering Control	RUDDER AXIS or TAIL ROTOR AXIS - No dedicated axis for Steering Control.

DO NOT USE HELICOPTER THROTTLE AXIS

Trims

Function	MSFS Axis Bindings
Cyclic Pitch Trim	INCREASE ROTOR LONGITUDINAL TRIM and DECREASE ROTOR LONGITUDINAL TRIM
Cyclic Roll Trim	INCREASE ROTOR LATERAL TRIM and DECREASE ROTOR LATERAL TRIM

Electrical

Function	MSFS Axis Bindings
Battery	MASTER BATTERY ON and MASTER BATTERY OFF
Auxiliary Power Unit Start	APU STARTER
Auxiliary Power Unit Shutdown	APU OFF

Lights

Function	MSFS Axis Bindings
Pilot Search Light	LANDING LIGHT TOGGLE
Copilot Search Light	TAXI LIGHT TOGGLE
Top Collision Light	WING LIGHT TOGGLE
Bottom Collision Light	BEACON LIGHT TOGGLE
Formation Light	LOGO LIGHT TOGGLE

Firefighting

Function	MSFS Axis Bindings
Water Release	FS2020: TOGGLE WATER RUDDER FS2024: TOGGLE PRIMER 4

Others

Function	MSFS Axis Bindings
Release Water (Bucket External Load)	TOGGLE WATER RUDDER
Toggle AFCS Mode - HDG HOLD*	TOGGLE AUTOPILOT HEADING HOLD
Toggle AFCS Mode - BARO ALT HOLD*	TOGGLE AUTOPILOT ALTITUDE HOLD
Toggle AFCS Mode - RAD ALT HOLD*	TOGGLE AUTOPILOT RADIO ALTITUDE HOLD

*Beware that AFCS Mode will not engage unless the AFCS System Selector is correctly configured (System must be ON in the 1/2/Both position)

LVARs

Nearly all switches (unless those with default MSFS Keybinds) can be keybinded to hardware using software such as SPAD.next and LVARs. The LVAR list is too long to fit here, but there are several methods to retrieve LVARs for any 3rd party aircraft. All LVARs on the CH47D are clearly named to make them easy to locate and bind to keys.

If you are inexperienced with finding LVARs, please read the following article by our friends at JustFlights.
https://community.justflight.com/topic/5324/lvar-list/2