

## **Specification**

### **Helicopter Flight Control Unit**

The helicopter flight control simulator should be made in industrial quality, with a faithful representation of the actual helicopter control instruments, its components should form one logical system which should be compliant with all flight simulating that comply with generic hardware mapping (HID compliant).

Components of the flight control unit:

- pilot's seat - cushioned and adjustable;
- collective stick (general stroke and power lever), additionally equipped with a rotary handle for adjusting the power of the drive unit (twist throttle), with protection / blockade against accidental power reduction below idle. The lever should also be equipped with an engine start button and 2 additional switches: a landing light switch and a switch for increasing and decreasing an additional selected parameter - such as rotor speed of the main rotor for example;
- cyclic stick - responsible for the roll and pitch of the helicopter, equipped with a trigger button, minimum 2 multidirectional switches and additional multifunction buttons (minimum 6), button functions will be assigned in the simulation program;
- anti-torque pedals with adjustable distance from the pilot's seat;
- metal table located above the pedals, for mounting a keyboard / mouse / additional devices;
- fixed platform on which the above-mentioned elements are installed.

The flight control system should provide the ability to connect to a PC via a USB cable and use it as a controller in flight simulators such as MS Flight Simulator 2020 and Digital Combat Simulator.

#### **Dimensions:**

Length: 47-50" (120-127 cm)

Platform width at rear (within the seat): 20,8-22" (53-56cm)

Platform width at front (around the pedals and table): 15.25 " (38.74 cm)

Simulator width including collective: 24.5 " (62.23 cm)

Height with seat: 32,5-34" (82,55-86,3cm)

Weight without metal table: no more than: 73 LBS (33 kg)

Weight of the whole shipment: no more than: 120 LBS (approx. 55 kg)

**Delivery time:** no more than 21 days

**Warranty:** minimum 12 months