

ProFlight Simulator

ProFlight Simulator Short Reference Guide

This short reference guide has been created to get you flying around like a pro in the shortest possible time.

Engine Start:

- Put the ignition switch to "BOTH".
- Set mixture to 100 %. Set throttle to about 25 %.
- Operate starter using the SPACE key.
- Set throttle back to idle after starting the engine.
- Release parking brake, if applied.

Keyboard controls:

<p>Tab. 1 Main keyboard controls on the numeric keypad with activated NumLock. [U.S. keyboard uses "." instead of ","]</p> <table> <tr> <th>Key</th><th>Action</th></tr> <tr> <td>9/3</td><td>Throttle</td></tr> <tr> <td>4/6</td><td>Aileron</td></tr> <tr> <td>8/2</td><td>Elevator</td></tr> <tr> <td>0/,</td><td>Rudder</td></tr> <tr> <td>5</td><td>Center aileron/elevator/rudder</td></tr> <tr> <td>7/1</td><td>Elevator trim</td></tr> </table>	Key	Action	9/3	Throttle	4/6	Aileron	8/2	Elevator	0/,	Rudder	5	Center aileron/elevator/rudder	7/1	Elevator trim	<p>Tab. 4: Autopilot and related controls.</p> <table> <tr> <th>Key</th><th>Action</th></tr> <tr> <td>Ctrl + A</td><td>Altitude hold toggle on/off</td></tr> <tr> <td>Ctrl + G</td><td>Follow glide slope 1 toggle on/off</td></tr> <tr> <td>Ctrl + H</td><td>Heading hold toggle on/off</td></tr> <tr> <td>Ctrl + N</td><td>Follow NAV 1 radial toggle on/off</td></tr> <tr> <td>Ctrl + S</td><td>Autothrottle toggle on/off</td></tr> <tr> <td>Ctrl + T</td><td>Terrain follow toggle on/off</td></tr> <tr> <td>Ctrl + U</td><td>Add 1000 ft to your altitude (emergency)</td></tr> <tr> <td>Enter</td><td>Increase autopilot heading</td></tr> <tr> <td>F6</td><td>Toggle autopilot: current heading/waypoint</td></tr> <tr> <td>F11</td><td>Autopilot altitude dialog</td></tr> <tr> <td>F12</td><td>Autopilot heading dialog</td></tr> </table>	Key	Action	Ctrl + A	Altitude hold toggle on/off	Ctrl + G	Follow glide slope 1 toggle on/off	Ctrl + H	Heading hold toggle on/off	Ctrl + N	Follow NAV 1 radial toggle on/off	Ctrl + S	Autothrottle toggle on/off	Ctrl + T	Terrain follow toggle on/off	Ctrl + U	Add 1000 ft to your altitude (emergency)	Enter	Increase autopilot heading	F6	Toggle autopilot: current heading/waypoint	F11	Autopilot altitude dialog	F12	Autopilot heading dialog				
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Tab. 7: Miscellaneous keyboard controls. <table><tr><th>Key</th><th>Action</th></tr><tr><td>B</td><td>Toggle parking brake on/off</td></tr><tr><td>b</td><td>Apply/release all brakes</td></tr><tr><td>g/G</td><td>Toggle landing gear up/down</td></tr><tr><td>,</td><td>Left gear brake (useful for braking)</td></tr><tr><td>.</td><td>Right gear brake (useful for braking)</td></tr><tr><td>l</td><td>Toggle tail-wheel lock)</td></tr><tr><td>]/[</td><td>Extend/Retract flaps</td></tr><tr><td>p</td><td>Toggle pause on/off</td></tr><tr><td>a/A</td><td>Speed up/slow down (time acceleration)</td></tr><tr><td>t/T</td><td>Time speed up/slow down</td></tr><tr><td>m/M</td><td>Change time offset (warp) used by forward/backward</td></tr><tr><td>Shift-F2</td><td>Save current flight to fgfs.sav</td></tr><tr><td>Shift-F1</td><td>Restore flight from fgfs.sav</td></tr><tr><td>F3</td><td>Save screen shot under fgfs-screen.ppm</td></tr><tr><td>Shift-F4</td><td>Re-read global preferences from preferences.xml</td></tr><tr><td>Shift-F9</td><td>Toggle data logging of FDM on/off</td></tr><tr><td>ESC</td><td>Exit program</td></tr></table>		Key	Action	B	Toggle parking brake on/off	b	Apply/release all brakes	g/G	Toggle landing gear up/down	,	Left gear brake (useful for braking)	.	Right gear brake (useful for braking)	l	Toggle tail-wheel lock)]/[Extend/Retract flaps	p	Toggle pause on/off	a/A	Speed up/slow down (time acceleration)	t/T	Time speed up/slow down	m/M	Change time offset (warp) used by forward/backward	Shift-F2	Save current flight to fgfs.sav	Shift-F1	Restore flight from fgfs.sav	F3	Save screen shot under fgfs-screen.ppm	Shift-F4	Re-read global preferences from preferences.xml	Shift-F9	Toggle data logging of FDM on/off	ESC	Exit program	Mouse controlled functions: There are three mouse modi. In the usual mode (pointer curser) panel's controls can be operated with the mouse. To change a control, click with the left/middle mouse button on the corresponding knob/lever. While the left mouse button leads to small increments/decrements, the middle one makes greater ones. Clicking on the left hand side of the knob/lever decreases the value, while clicking on the right hand side increases it. Right clicking the mouse activates the simulator control mode (cross hair cursor). This allows control of aileron/elevator via the mouse in absence of a joystick (enable --enable-auto-coordination in this case). Right clicking the mouse another time activates the view control mode (arrow cursor). This allows changing direction of view via the mouse. Right clicking the mouse once more resets it into the initial state.
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