



Supercar Control Plans

These Supercar Control Plans are proposed by Austin Tate to be as compatible as possible with the TV Shows, other published material on Supercar, and work on a set of internal schematics for Supercar.

Supercar operates in any of a set of "Control Plans" which set up the various systems such as hydraulics, valves, ramgates, instruments, sensors and control computers to respond in appropriate ways to the environment and the pilot's (or remote console's) control inputs.

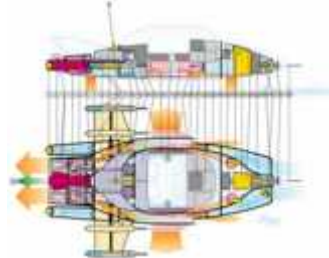
The Control Plans are selected by the Control Plan Selector (CPS) which operates in steps (each of which click into position and engage quite firmly). There is an off position at the top, and 8 flight plans below that. The positions inform the control computers and do not mechanically go through the intermediate modes when a new selection is made. Safety constraints within the control computers ensure that inappropriate modes cannot be selected.

There are 8 Control Plan Indicators (CPI) on the dash panel, one of which lights up to show which control plan is active. Other permitted modes that can be simultaneously used may also be indicated.

The Control Plans are configurable and can be uploaded to the control computers in advance or even dynamically during a mission. However, there is a "standard" set of usual assignments for these which is the default if no mission specific set is installed.

Plan Number	Full Name	Short Name Used by Pilot	Description
Plan 1	Standby Plan	Off	Supercar set to its parked mode, minimal power use.
Plan 2	Vertical Flight Plan	Vertical	Vertical descent and landing mode.
Plan 3	Horizontal Flight Plan	Horizontal	Normal horizontal flight.
Plan 4	Surface Effect Plan	Ground or Surface	Surface skimming mode over land or water.
Plan 5	Air to Marine Dive Plan	Dive	Set up for high speed water entry. Automatically switches to Marine Plan on surface penetration.
Plan 6	Marine Plan	Underwater	Set up for submerged operations and instruments.
Plan 7	Marine to Air Launch Plan	Launch	A very complex plan that allows for a ballistic launch of Supercar from underwater. Automatically switches to Horizontal Flight Plan on surface penetration.
Plan 8	Space Flight Plan	Space	Stratospheric and space flight plan.

See also [Supercar Cutaways and Technical Schematics](#)



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The models are provided as is and with no warranty of any kind (of course). Please let [Austin Tate](#) know of any problems with using them though.

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