

FS2.0

FormulaSPEED2.0

FormulaSPEED2.0 Safety Overview:

The FormulaSPEED2.0 was designed to exceed the Sports Car Club of America's strict safety requirements for their fastest class – Formula Atlantic. The design team did this for two reasons. The first reason was to get the car up to the highest safety levels available in North America for a car of this nature. The second reason was to get the car homologated for competition in SCCA events which would give owners more options of places to compete. On January 14th, 2011 the SCCA accepted the FormulaSPEED2.0 into National Competition in the FA class.



Here is where the FS2.0 exceeded the SCCA safety requirements for Formula Atlantic:

	SCCA Minimum Requirement	FormulaSPEED2.0 Specification
Chassis	Mild steel	4130 Chrome Moly
Roll hoop thickness	0.08"	0.125"
Impact resistant side skin	2 layers of Kevlar – 800 sq inches	4 layers of Kevlar -1400 sq inches
Composite Front Impact Attenuation:	15.75" from pedals	36" to 40" from pedals (adjustable)

Additional safety items installed on the FormulaSPEED2.0 include:

- Fire suppression system: AFFF certified to SFI specification 17.1
- 6 Point HANS compatible driver harness: SFI specification 16.5

The SCCA, NASA, & the Formula Car Challenge also mandate the use of:

- Head and Neck Restraint Devices meeting SFI Spec 38.1 or FIA 8858
- Arm restraints
- Full face helmet with Snell Foundation rating of SA2005 or SAH2010
- 3 layers of Nomex fire protection meeting current SFI or FIA recommendations
- Fire resistant gloves
- Fire resistant shoes

More information:

- Snell Foundation: <http://www.smf.org/>
- SFI Foundation: <http://www.sfifoundation.com/>
- FIA: <http://www.fia.com/>
- SCCA: <http://scca.org/>
- NASA Pro Racing: <http://www.nasaproring.com>
- Formula Car Challenge presented by Goodyear: <http://www.FormulaCarChallenge.com>
- FormulaSPEED2.0: <http://www.FormulaSPEED.us>