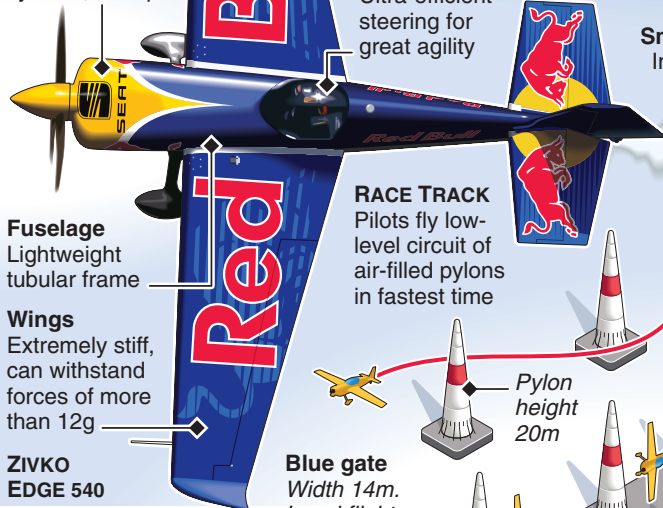


# World's fastest racers take to the skies

The **Red Bull Air Race World Series** pits the top racing pilots and aircraft in an aerial sports contest based on speed and expert flying

**Engine:** Six-cylinder, 340hp



**Fuselage**  
Lightweight tubular frame

**Wings**  
Extremely stiff, can withstand forces of more than 12g

**ZIVKO**  
**EDGE 540**

**Length** 6.30m

**Wingspan** 7.43m

**Weight** 530kg

**Top speed** 426km/h

**Roll rate** 420°/sec

**PENALTIES:** 3 secs added for passing gate incorrectly, 10 secs for touching pylon

**San Diego**  
May 9-10

**Windsor**  
Jun 13-14

**Cockpit**  
Ultra-efficient steering for great agility

**Porto**  
Sep 12-13

**Budapest**  
Aug 19-20

**Abu Dhabi**  
Apr 17-18

**Barcelona**  
Oct 3-4

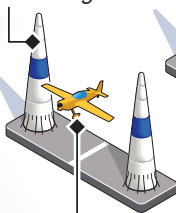
**Smoke system**  
Improves flight path visibility

**RACE TRACK**  
Pilots fly low-level circuit of air-filled pylons in fastest time

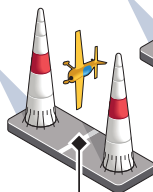


**Pylon height**  
20m

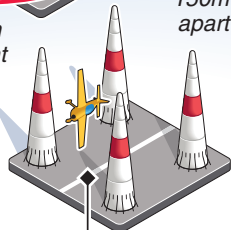
**Blue gate**  
Width 14m. Level flight



**Red gate**  
Width 10m. Vertical flight



**Quadro**  
Two passes, perpendicular



**Chicane**  
Pylons 150m apart

