

## TomarkAero - manufacturer of Viper SD4 RTC

Development and manufacture of Viper SD4 and Skyper GT9: all-metal, two-seater aircraft. The Aeroplanes are designed for Ultralight (UL) and Light Sport Aircraft (LSA) category, which are an excellent solution for pilot training, business travel, and sport flying.



## VIPER SD4 RTC EASA CERTIFIED

Viper SD4 RTC has been certified according to EASA certification specifications CS-LSA Amdt.1. Type Certificate Data Sheet Nr. EASA.A.606.

Viper SD4 RTC became even one of the few in the world for LSA (Light Sport Aircraft) with a 600 kg MTOM.



### Technical data

Engine:	Rotax 912 ULS / S2 certified 100 HP	Range:	950 km	513 nmi
Max. take-off weight:	600 kg 1 320 lb	Crusing speed:	170 km/h	91 kts
Wing span:	8,4 m 27,4 ft	Stall speed:	91 km/h	49 kts
Length:	6,4 m 21 ft	Climb rate:	4,5 m/s	885 ft/min
Height:	2,2 m 7,3 ft	Durability:	6 h 30 min	
Take-off distance:	445 m 1 460 ft (*over 50 ft; grass)	Fuel tank:	100 L	26.4 US gal
Landing distance:	450 m 1 476 ft (*over 50 ft; grass)	Consumption (NAT 95)/1h:	16,5 L	4,3 US gal



Certificate Viper SD4 RTC  
EASA.A.606

### Configuration

Engine	Airbox Additional fuel pump Fuel flow indicator Lockable fuel tank	Interior	Heating of the cabin Cabin ventilation system 12 V socket Schroth seat belts Cargo area blinds Sabbia interior and seats
Propeller	Neuform CR 3 -65	Digital devices to check flight	2x Dynon SkyView 10" GPS mode
Safety	Ballistic rescue system ELT	Communication	Radio, transponder S mode Intercom
Exterior	Side steps Aerodynamic wheel covers	Lights	Position and strobe lights Landing light Position beacon
Flight controls	Certified ASI, ALT, Compass Electric flaps Electric Balance (trim): horiz. + vert. Adjustable rudder's control		

## Avionics



### Left panel:

Dynon SkyView system (10")  
(flight data + autopilot)  
certified ASI +ALT Winter

### Middle panel:

radio ATR 833  
transponder TRT 800 S mode  
GPS Aera 500  
magnetic compass

### Right panel:

Dynon SkyView system (10")  
cylinder air, airbox control  
cabin heating control  
USB socket, 12 V socket

## SPIN tests for CS-LSA



Aircraft Viper SD4 successfully mastered the SPIN tests, which are necessary for obtaining a certificate EASA CS-LSA

The test consists of successfully make the SPIN for 3 seconds. If the plane gets to SPIN, in next turn or the time of 3 seconds, must get out from the spin.

The SPIN test result is a confirmation of a high level of safety for the Viper SD4