TomarkAero - manufacturer of Viper SD4 RTC

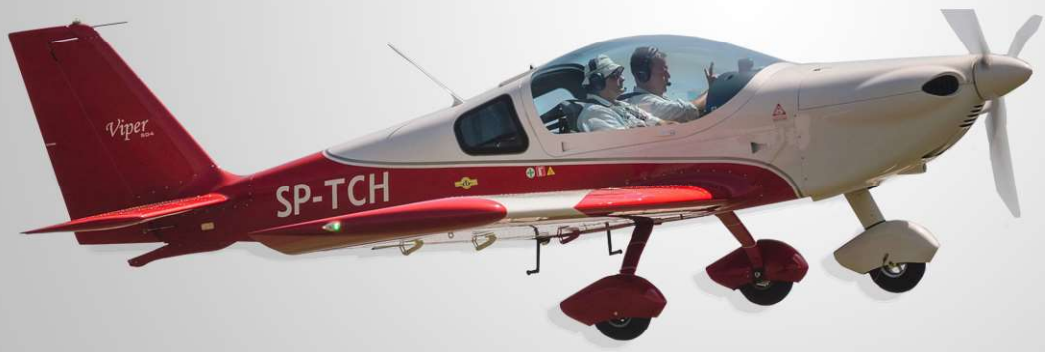
Development and manufacture of Viper SD4 and Skyper GT9: all-metal, two-seater aircraft.The Aeroplanes are designed for Ultralight (UL) and Light Sport Aircraft (LSA) category, which are an excellent solution for pilot training, business travel, and sport flying.

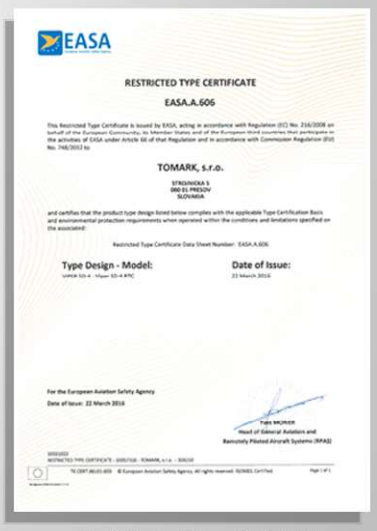
VIPER SD4 RTC EASA CERTIFIED

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




EASA

RESTRICTED TYPE CERTIFICATE

EASA.A.606

TOMARK, s.r.o.

Type Design - Model:

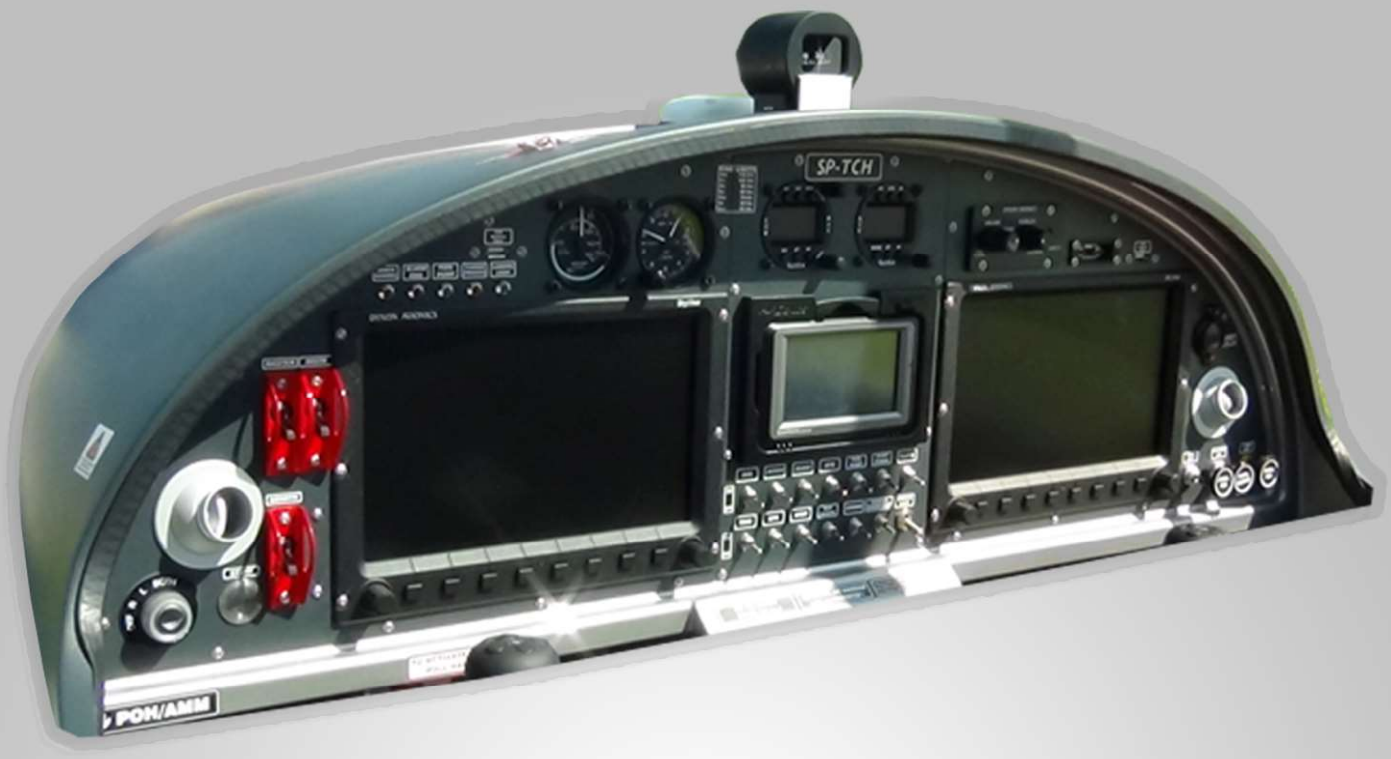
Date of Issue:

Certificate Viper SD4 RTC
EASA.A.606

Configuration

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

Avionics

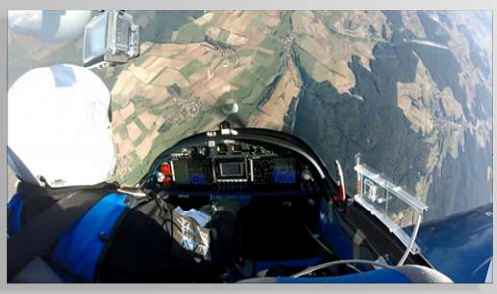


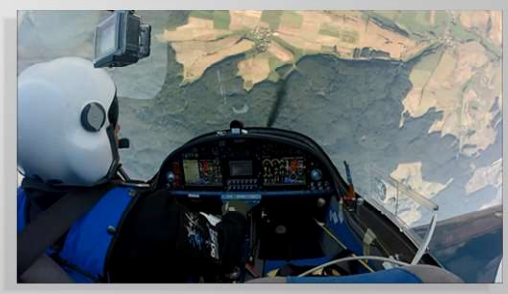
Left panel:
Dynon SkyView system (10")
(flight data + autopilot)
certified ASI +ALT Winter

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

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