

TomarkAero - manufacturer of Viper SD4 Night-VFR

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 NIGHT-VFR EASA CERTIFIED



Viper SD4
Night-VFR capability

- An all-metal, two-seater, low-wing aircraft equipped with modern Dynon Avionics
- Ideal for PPL flight training including cross country and time building
- The Viper SD4 Night-VFR meets the requirements for flying at night visibility

Technical data

Engine:	Rotax 912 S2 certified 100 HP	Range:	1 350 km 729 nmi
Max. take-off weight:	600 kg 1 320 lb	Crusing speed:	185 km/h 100 kts
Wing span:	8,4 m 27,4 ft	Stall speed:	91 km/h 49 kts
Length:	6,4 m 21 ft	Climb rate:	4,6 m/s 905 ft/min
Height:	2,2 m 7,3 ft	Durability:	7 h 30 min
Take-off distance:	420 m 1 378 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 / 1h:	14,5 L 3,8 US gal



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	DUC FLASH-R Certified	Digital devices to check flight	2x Dynon SkyView 10" GPS mode RCA attitude indicator certified
Safety	Ballistic rescue system ELT	Communication	Radio, transponder S mode
Exterior	Side steps Aerodynamic wheel covers	Lights	Position and strobe lights Landing light Position beacon
Flight controls	Certified ASI, ALT, Compass Instrument panel backlight Electric flaps Electric Balance (trim): horiz. + vert.		

Avionics



Left panel:

Dynon SkyView system (10")
certified ASI +ALT Winter
ELT system

Middle panel:

radio Garmin 255 A (NAV/COM)
transponder Garmin GTX 335
certified RCA attitude indicator
instrument panel backlight
magnetic compass

Right panel:

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



Certificate Viper SD4
Night-VFR

To the Certificate EASA.A.606 (EASA certificate for Viper SD-4 RTC)
the new model Viper SD4 was included.
It is marked Viper SD4 Night-VFR.

Aircraft meets the requirements of SC-OLSA-div-01:

Special conditions for night operations under VFR conditions for LSA airplanes

