

F1 EVO ROCKET (tapered wings)

Quick Build

Tip Over canopy

Located in Salmon Arm, BC

IFR equipped, Certified in Canada

Certified for Aerobatic Flight in Canada

Total Time (hrs) on airframe: ~325 (growing weekly)

First flight date: May 31, 2014

I am the original builder

Empty Weight (lbs):1391

Gross Weight (lbs): 2100

Painted September 2014

FWF

Lycoming IO-540, 260 HP

SDS Electronic ignition on left side

Half Raven oil separator

Plenum – no cooling problems

Oil Cooler door

Dual heat muffs with cool air mixer

Engine was a 150 hour Mattituck build when I got it, was disassembled/inspected by Aerosport due to a prop strike at that time. Cylinders were bored .010 and new pistons and rings were installed along with bearings etc. as is normal for this kind of work.

Engine suffered another prop strike 75 hours later (~250 hours ago, June 2015) and was again disassembled/inspected and reassembled with new bearings etc. For details on this incident see

<http://www.vansairforce.com/community/showthread.php?t=126587&highlight=loop>

Prop is a Constant Speed Hartzell with 250 hours since new

Airframe

Electric Flaps and Elevator Trim

Aileron Trim has been removed but could be reinstalled

Aeroled Pulsar nav/strobe light

Aeroled Landing and Taxi lights

Tipover Canopy

Avionics/Instruments

Garmin G3x Touch, 10.6" , c/w engine monitor, autopilot, GMC 307 control panel, TOGA switch

GRT Mini EFIS, c/w remote Magnetometer, Moving Map, OAT probe, Internal backup battery

Garmin GNS 430W GPS/Nav/Com (connected to Garmin G3X)

Garmin SL30 Nav/Com (connected to GRT Mini)

Garmin GTX 330D Transponder (connected to Garmin G3X) (provides ADSB out)

PS Engineering 8000B Audio Panel

Vertical Power VP-200, backup switches for EFIS/AP, GNS430, and Boost Pump

Vertical Compass Card

AFS Sport Angle of Attack

Taxi Camera displays on Garmin EFIS

Garmin Aera 500 for rear seat

Interior

Velo front seat (have original as well, easy to change)

Leather Upholstery

Heated seats

Removable rear stick

CO2 Detector

Andair fuel valve and boost pump

Very stout roll bar

ACK E-04 ELT (406)

Real World Cruise Figures

- 197 kts TAS at 2300 rpm while burning 11.8 gph. Measured at 8000' PA with a temp of 32 F, solo, half tanks. Airspeed test results (3 leg runs) show airspeed error of .2 knots per hour.*

Comes with a spare VP-200

Comes with a spare bronze tinted canopy, speed slope windshield, and most of the hardware for a slider.