

**2023 AUTOGYRO CAVALON 915iS
S/N 538**

**THE MOST ADVANCED CAVALON
AVAILABLE IN THE USA!**

\$229,000 USD

Type Certificated – Primary Category

Day & Night VFR

Garmin Touchscreen G3X Flight Deck

Free upgrade to Autopilot 3 Axis (when available*)

Sport Pilot compatible

Airframe Total Time: 17 hours

Engine Total Time: 17 hours

Propeller Total Time: 17 hours

Rotor Total Time: 17 hours

Hangared at the North Perry Airport (KHWO) and can potentially remain in current hangar.

SPECIFICATIONS

Color – Dodge Viper TA Orange / Anthracite

Seats – Two Side by Side

Empty Weight – 754 lbs

Max Takeoff Weight - 1235 lbs

Maximum Pilot Weight - 242 lbs

Useful Load - 481 lbs

PERFORMANCE

Max Speed - 120 mph

Cruise Speed - 75-110 mph

Minimum Speed - 25 mph

Range - 430 sm @ 87 mph (+30 minute reserve)

Climb Rate - 1000 – 2000 ft/min

Maximum Demonstrated Altitude - 12,000 feet

Take off Roll - 300 feet

Take off Distance (to clear 50' obstacle) - 975 feet

Landing Roll - 60 feet

Landing Distance (clearing 50' obstacle) - 490 feet

Maximum Endurance - 6 hours + 30 minute reserve

FUEL

Fuel Consumption - 3.5 – 7 gallons/ hour

Fuel Type - Premium Automotive

Fuel Tank Capacity - 25.9 gallons

ENGINE

Rotax 915iS

Turbocharged & Fuel Injected

Horsepower – 141hp

Fire Warning System

AVIONICS

Garmin Flight Deck G3X 10.6" Touch Display Dual G5 EFIS Backup

GTR200B Garmin VHF Radio w/ radio head

GTX23ES Transponder ADS-B Out

GDL 50 ADS-B In

Free 3 Axis Autopilot Upgrade when available

Lemo 6 pin + XLR 3 pin + Standard GA headset ports

Garmin GSB 15 - Dual USB port (USB-C & USB-A)

Card Compass

PRE-ROTATION & ROTORBLADE

AG Rotorhead III.1

Pre-rotation Range - 200-320 RPM

Pre-rotation Engagement - Electronically Initiated, Pneumatically Actuated

Pre-rotation Protection

Pre-rotation From Either Seat

Rotor Type - NACA 8H12 extruded aluminum RSII TOPP 8.6m

PROPELLER

HTC 4 blade composite propeller

Ground adjustable

Painted spinner

FLIGHT CONTROLS

Dual controls

Pitch trim both seats (electronic)

Removable instructor stick

Adjustable rudder pedals

DIMENSIONS

Length - 15 feet 7 inches

Height - 9 feet 1 inches

Width - 5 feet 10 inches

Rotor Diameter - 28 feet 3 inches

MATERIALS

Airframe Construction Material - Composite / 4130 Chromoly Steel

Hull - Composite Monocoque

Tail - Carbon Fiber

Propeller Material – Composite

LIGHTING

Nav/Strobe/Recognition Lights AVEO
Instrument panel lighting
High Intensity Hercules LED Landing Light
Power Outlet Voltage - 12 volt

CABIN COMFORT

Electrically heated stitched seats
Adjustable seats
Pneumatic lumbar seat adjustment
Variable cabin heater (air/liquid)

OTHER

Painted open wheels pants
External magnetic battery charging port
Keel fin painted
Lockable fuel cap
Removable cabin doors
Cargo storage behind seats
Lightweight aircraft cover