

Albatross Flying Systems (OPC) Pvt. Ltd.



ALBATROSS FLYING SYSTEMS (OPC) PVT. LTD.



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Albatross Flying Systems (OPC) Pvt. Ltd.



COMPANY OVERVIEW

01

ALBATROSS FLYING SYSTEMS (OPC) PVT. LTD.

Founded by Mr. Javad Hassan in November 1999, Albatross Flying Systems specializes in manufacturing sport aviation products. Mr. Hassan has been involved with designing and flying Hang Gliders & Powered Hang Gliders since 1986.

With safety and quality as a top priority, Albatross Flying Systems has created the vital infrastructure required for the manufacture of Aircraft & Aircraft Components using modern technology

All our products are manufactured from high-quality raw materials sourced from our trusted and verified suppliers from across the world.

The materials we use are consistent with worldwide standards for the manufacture of Aero Sports Equipment & Accessories.

Albatross Flying Systems is India's premier & only manufacturer of Powered Hang Gliders, Powered Para Gliders, Paramotors & Microlight Aircraft. We also manufacture various types of Propellers & Turbines.

Albatross is a trusted supplier of Aviation Equipment to the Indian Army, Navy & Airforce.

We are authorized dealers for Zenair (Canada), Bathawk (South Africa), Apco, ITV, Fly Products, Simonini, Polini, & Aeros products. Albatross Flying Systems also provides consultancy Services for Aircraft Import, Design, Development and other aviation services.





APPROVALS & LICENSES

02



Licensed to build Cruiser trikes by Sportflight International USA.



DGCA approved Manufacturer of Powered Hang Gliders & Microlight Aircraft.



Registered with SSI, MSME, and NSIC.



Registered with DGFT for Import and Export.



Registered with the Indian Army, Navy, Airforce adventure and BSF for supply of Aero Sports Equipment.



Registered with NAL, HAL, ADE, ADRDE, VRDE, and other Government Organizations for the development and supply of specialised components and systems.



OUR PRODUCTS

03

- 1 UAV Propellers & Turbine Blades
- 2 Powered Hang Gliders
- 3 Powered Para Glider / Paramotor Trike
- 4 Bathawk Microlight Aircraft
- 5 Zenair Range of Aircraft
- 6 Engines, Wings & Accessories
- 7 Fly Products Paramotors and Trikes

UAV Propellers & Turbine Blades

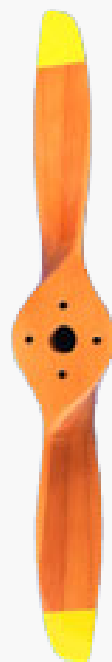
3.1

UAV PROPELLERS AND TURBINES

OVER 50 VARIETIES OF
PROPELLERS & TURBINES
DESIGNED AND
MANUFACTURED BY
ALBATROSS

WE ARE OEM FOR UAV
PROPELLERS FOR VARIOUS
UAV MANUFACTURERS

EACH PROPELLER IS
PRODUCED USING THE
BEST SEASONED WOOD



UAV & ELECTRIC UAV PROPELLER GALLERY



DIAMETER 24 INCH



DIAMETER 24 INCH



DIAMETER 27 INCH



DIAMETER 29 INCH



DIAMETER 29 INCH



DIAMETER 29 INCH



DIAMETER 45 INCH



DIAMETER 44 INCH

WE ALSO MANUFACTURE PROPELLERS FOR:

- Electric UAV's
- Electric Paramotors
- Simonini Engines

- Polini Engines
- Jabiru Engines
- Rotax Engines



POWERED HANG GLIDERS

3.2

AVAILABLE IN 4 CONFIGURATIONS

**TWO SEATER
POWERED HANG
GLIDER WITH
ROTAX582 ENGINE.**

**TWO SEATER
POWERED HANG
GLIDER WITH ROTAX
912 ENGINE.**

**SINGLE SEATER
POWERED HANG
GLIDER WITH SIMONINI
MINI 3 ENGINE**

**SINGLE SEATER
POWERED HANG
GLIDER WITH POLINI
THOR 303 ENGINE.**



SPECIFICATIONS OF POWERED HANG GLIDER WITH ROTAX 582 ENGINE & AEROS STIL 17 WING



Standard Equipment

- Full Pod with Instrument Panel
- Wind Shield
- Vertical Faring
- Wheel Spats
- Hydraulic Disc Brakes

Engine TBO

Rotax 582, 65 HP, TBO 300 Hours

Instruments

- Altimeter
- Air Speed Indicator
- Vertical Speed Indicator
- Compass
- Digital Engine Information System
- Fuel Gauge

Salient Features

- Cast Aluminium Wheels
- Front and Rear Suspension
- Rear Hydraulic Disc Brakes with Parking Brake
- Wide Composite Seat with Folding Back Rest
- Foot and Hand Throttle with Choke

Technical Specifications

- Empty weight: 212 kg
- Max. Take-off Weight: 375 kg
- Wing Area: 17 square meters
- Climb Rate: 750 FPM (Solo)
- Stall Speed: 56 kmph
- Maximum Speed: 105 kmph
- Fuel Capacity: 45 litres
- Fuel Consumption: 15-18 litres per hour
- Take off distance: 85 meters
- Propeller: 3 blade composite



SPECIFICATIONS OF POWERED HANG GLIDER WITH ROTAX 912 ENGINE & AEROS PROFI TL WING



Standard Equipment

- Full Pod with Instrument Panel
- Extended Wind Shield
- Vertical Faring
- Wheel Spats

Instruments

- Altimeter
- Air speed Indicator
- Vertical Speed Indicator
- Compass
- EIS for Engine
- Fuel Gauge

Engine & Specifications

- Rotax 912 ULS, 80/100 HP with TBO of 1000 hours
- 4 Cylinder Liquid / Air Cooled Engine with Opposed Cylinders
- Dual Carburetors
- Mechanical Fuel Pump
- Dual Electronic Ignition
- Electric Starter

Salient Features

- Cast Aluminium Wheels
- Front and Rear Suspension
- Rear Disc Brakes & Parking Brake
- Rear Seat Nose Wheel Steering
- Wide Composite Seat
- Folding Back Rest
- Foot & Hand Throttle with Choke
- Fuel Tank Mounted Under Seat
- 3-Blade Composite Propeller
- Fuel Consumption: 15 litres per hour
- Range: 400 kilometres (250 miles)
- Take off distance: 100 meters
- Fuel Capacity: 45 litres



SPECIFICATIONS OF SINGLE SEATER POWERED HANG GLIDER WITH POLINI THOR 303 / COSMOS 300 ENGINE



- Max level speed (MAUW) 80 kmph
- VNE 12 kmph
- Trim speed range 55 kmph
- Stall speed (max weight) 25 kmph
- Fuel burns 12-14 liters per hour
- Max climb rate (solo) 300-350 ft/min
- Power 37 BHP
- Maneuver loads +4g, -2g
- Maximum take-off weight 375 kgs
- Cooling Liquid Cooled
- Take off & Landing distance (solo) 170 feet

POWERED PARA GLIDER/ PARAMOTOR TRIKES

3.3

AVAILABLE WITH 4 ENGINE CONFIGURATIONS

ROTAX 582

SIMONINI MINI 3

**POLINI THOR
303**

COSMOS 300





SPECIFICATIONS OF POWERED PARA GLIDER WITH ROTAX 582 ENGINE & ITV PIPER TANDEM 40

- Max level speed (MAUW) 76 kmph
- VNE 12 kmph
- Trim speed range 65 kmph
- Stall speed (max weight) 25 kmph
- Fuel burns 12-14 liters per hour
- Max climb rate (solo) 550 ft/min
- Power 50 BHP
- Maneuver loads +4g, -2g
- Maximum take-off weight 360 kgs
- Take off run (solo) 170 feet
- Landing distance (solo) 150 feet





SPECIFICATIONS OF PHOENIX POWERED PARA GLIDER WITH SIMONINI MINI 3 / POLINI 303 / COSMOS 300 ENGINE & ITV PIPER TANDEM 38

- Max level speed (MAUW) 72 kmph
- VNE 12 kmph
- Trim speed range 55 kmph
- Stall speed (max weight) 22 kmph
- Fuel burns 12-14 liters per hour
- Max climb rate (solo) 300-350 ft/min
- Power 34 BHP
- Maneuver loads +4g, -2g
- Maximum take-off weight 250 kgs
- Take off run (solo) 170 feet
- Landing distance (solo) 150 feet



BATHAWK MICROLIGHT AIRCRAFT

3.4



SPECIFICATIONS:

| | |
|-------------------|----------------------------|
| Max Speed | 85 kts |
| Patrolling Speed | 45 kts |
| Stall Speed | 38 kts |
| Vne | 92 kts |
| MTOW | 540 kg |
| Empty | 260 kg |
| Useful load | 280 kg |
| Take off distance | 60 m |
| Landing Roll | 70 m |
| Rate of climb | 1500ft/min(Sea Level 1 up) |

ZENAIR RANGE OF AIRCRAFT

3.5



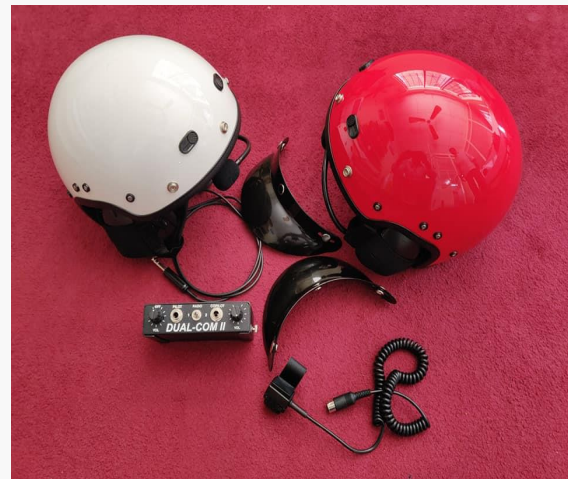
ZENAIR CH 601

| PERFORMANCE | SPECIFICATIONS |
|------------------------------|-----------------------------|
| Rotax912 UL (80 HP) | Wing Span: 27 ft. |
| Top Speed: 135 mph | Wing Area: 130 sq. ft. |
| Cruise Speed: 120 mph | Length: 19 ft. |
| VNE: 150 MPH | Fuel Capacity: 60 litres |
| Rate of Climb: 1200 FPM | Cabin Width: 44 inches |
| Landing Distance: 170 meters | Empty Weight: 250 kgs |
| Range: 360 miles | Max AUW: 450kgs |
| Load Factor(G): +/-6.0 | Design load Factor: +/-6"G" |
| Take-off Roll: 430 ft. | Wing Loading: 8.0 psf |

ENGINES, WINGS & ACCESSORIES

3.6

AVIATION RELATED EQUIPMENT



THE COMPLETE RANGE OF ITV & APCO WINGS



COMPLETE RANGE OF AEROS & AIRBORNE HANG GLIDERS



ALL MODELS OF SIMONINI & POLINI ENGINES



FLY PRODUCTS

PARAMOTORS AND TRIKES

3.7

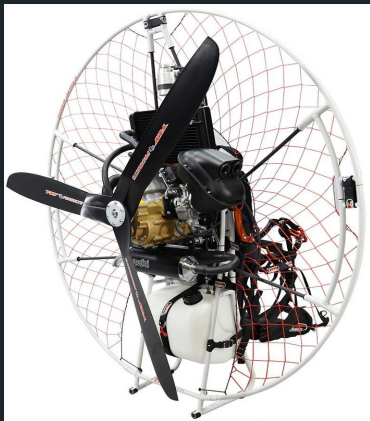


RIDER MOSTER 185

- Swept Volume: 184.7 CC
- Power: 25 Hp
- Clutch: Centrifugal
- Weight: 15 Kgs
- Fuel: Unleaded Fuel With 2T Oil
- Propeller: 2 Blade Carbon
- Fiber Start: Electric

RIDER ATOM 80

- Swept Volume: 80 CC
- Power: 14 Hp
- Clutch: Centrifugal
- Weight: 12 Kgs
- Fuel: Unleaded Fuel With 2T Oil
- Propeller: 2 Blade Carbon
- Fibre Start: Manual



RIDER THOR 250

- Swept Volume: 244 CC
- Power: 36 Hp
- Clutch: Centrifugal
- Weight: 19 Kgs
- Fuel: Unleaded Fuel With 2T Oil
- Propeller: 3 Blade Carbon
- Fibre Start: Electric

CONTACT US

04

ALBATROSS FLYING SYSTEMS (OPC) PVT. LTD.



AFTER SALES SUPPORT & SERVICE:

We Stock Spares for Microlight Aircraft, Powered Hang Gliders, Powered Para Gliders, Paramotors & various other Aviation Related Products. We ship worldwide

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