

AviaTraining Solutions Pvt Ltd



Fly * Fulfil * Frolic

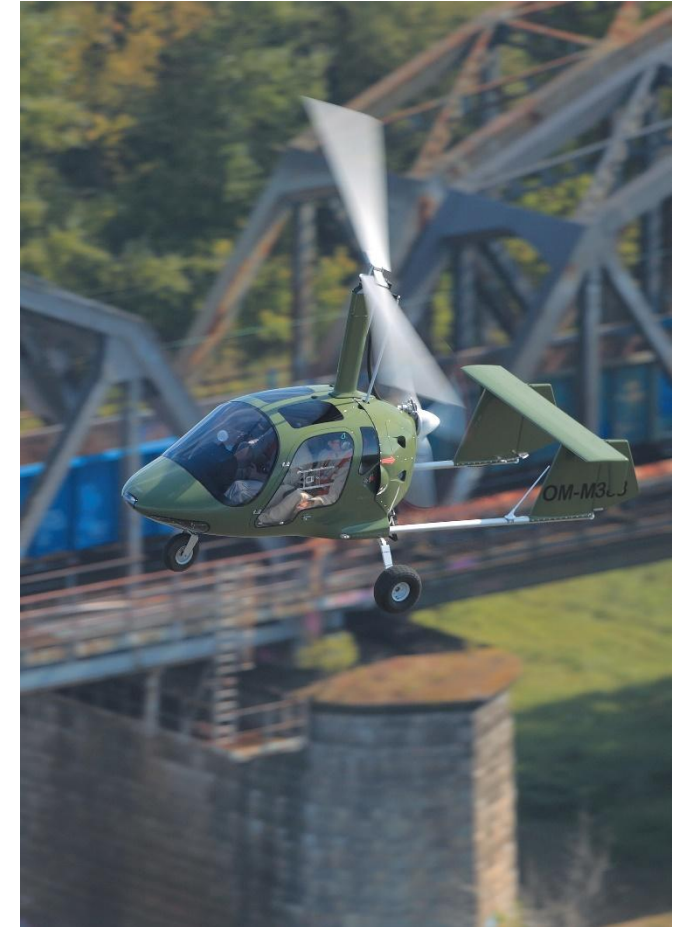
Pioneer of Gyroplane and Ultralight Helicopters in India

Disrupting Aerospace Market



What is a Gyrocopter

- Gyrocopter is a flying machine that looks like Helicopter
- Needs about 100 m (400 m including safety margin) of unprepared strip for take off and landing.
- Unlike helicopter, rotor is not connected to the engine. Therefore, tail rotor is not required.
- This makes it very safe to fly since even if engine fails, propeller keeps rotating and you can land safely
- Technically very simple.
- Uses four stroke piston engine like car.
- Overall, it is safe, simple to fly, easy to maintain.
- Comparatively low - cost flying machine, cheaper than a luxurious car like Merc, BMW, Porsche etc.



Basic Parameters and Requirements

Sn	Parameter/ Requirement	Value
1	Seats type	Tandem/ Side by side
2	No of Occupant	Pilot + 1/ 2 Total 2/ 3
3	Take Off Run	Less than 100 m
4	Landing Run	10 to 25 m
5	Max Speed	145 – 170 kmph
6	Minimum Speed	30 – 45 kmph
7	Cruise Speed	120 – 140 kmph
8	Max Altitude	2000 ft Above Ground level Or 10000 ft Above Mean sea Level
9	Max Take off Weight	About 550 Kg
10	Range	400 km and above
11	Endurance	3 Hrs and Above
12	Engine	4 Stroke, 4 Cyl Piston
13	Power	115 HP and Above
14	Fuel	Normal Petrol (10% Ethanol mix permitted)



Benefits of an AutoGyro over Fixed-wing Aircraft



- Impossible to stall
- Impossible to Spin
- Very short take off distance (10 to 100m)
- Practically no landing distance necessary.
- Extremely slow speed flight is possible.
- Minimum per flight preparation
- Easy ground handling
- Can be transported by road.
- Tiny hanger footprint.
- Relatively unaffected by windy and turbulent conditions.
- Comfortable ergonomic seats.
- Large operation speed range.



Ease of Flying



A person with higher acumen of driving a car with discipline, can become a gyroplane pilot in approx 40 hours of flying provided he has required level of fitness.

Cost Effective

The maintenance does not require a long queue of technicians, a pilot single handedly can do the daily maintenance. It runs on normal petrol which in turns gives a cost effective feature.

Schedule



Gyrocopter with tandem Seats
Delivery to start From Nov 2025



Gyrocopter with Side – by - Side Seats
Delivery to Start from Dec 25 – Jan 26



Ultralight Helicopter
Delivery to start from Jun 2026

Avia – Brako (Tandem Seats)



[Avia – Brako A Video](#)

Avia – Brako (Tandem Seats)



Usage: It is used for Sports and adventure activities

Make: Carpenterie Pagotto, Italy

Important Parameters

Seats type	Tandem	Empty Wt	285 Kg
No of Occupants	2	Max pay load	240 Kg
Minimum Speed	60 kmph	Max T/O Wt	550 Kg
Cruise Speed	140 kmph	Power Plant	Rotax 914 UL
Max Speed	175 kmph	Configuration	4 Strokes 4 Cyl Piston
Vne	178 kmph	Power	115 HP
ROC	6 m/s	Starter	Electric
Glide Ratio	3	Intake	2 Carbs + Turbo
T/O (Take/ Off) Distance	100 m Max	Fuel capacity	80 ltr
Distance landing	5 m Min	Propeller	DUC
Operational Ceiling	4500 m	Diameter	1.75 m
Fuel Consumption	20 Ltr/ Hr	Rotor	Two-blade main rotor
Cockpit dim	1.25 m	Diameter	8.4 m
Wheel Dia	0.35 m	Rotor Surface Area	55.40 m ²
Range	450 Km	Flight Endurance	3 Hours

Avia – Tercel (Side By Side Seats)



Avia – Tercel Gold Edition

Avia – Tercel (Side by Side Seats)



Usage: It is used for Sports, adventure and Other missions flying

Make: Aviation Artur Trendak, Poland

Important Parameters

Seats type	Side by side	Wt Empty	326 Kg
No of Occupants	2	Max pay load	235 kg
Minimum Speed	60 kmph	Max T/O Wt	560 Kg
Cruise Speed	130 kmph	Power Plant	Rotax 914/ Rotax 915
Max Speed	182 kmph	Configuration	4 stroke 4 Cyl Piston
Vne	200 kmph	Power	122/141 HP
ROC	6.1	Starter	Electric
Glide Ratio	03:01	Intake	2 Carbs + Turbo
Distance T/O (Take/ Off)	100 m	Fuel capacity	2 X 60 l- 120 ltr
Distance landing	5 m	Propeller	Kasper KA - 2/3
Operational Ceiling	4500 m	Propeller Diameter	1.72 m
Fuel Consumption	20 Ltr/ Hr	Rotor	Trendak and Son Al
Wheel Dia	0.35 m	Rotor Diameter	8.4/ 8.5/ 8.8 m
Range	800 Km	Rotor Surface Area	58.60 m ²
Flight Endurance	5 Hours		

Awards: 1. World Championship 2016: 2nd, 3rd and 4th place
2. European championship: 1st, 2nd and 3rd

Requirements

- **Security Clearance from Min Home affairs.**
- **Aircraft Registration.**
- **Permission for Unlicensed Airport of operating place: 300 to 400 m of length, levelled ground, parking and maintenance area.**
- **Gyroplane Pilot license:**
 - **Age above 16 years.**
 - **10th pass.**
 - **Computer number from DGCA.**
 - **Medical examination (Category – 2).**
 - **Student pilot license.**
 - **Five ground subjects to be cleared.**
 - **40 Hrs of Instructional flying.**
- **Insurance for Aircraft and other possible liability.**
- **For Maintenance and Repair of Aircraft setup with required minimum items.**
- **Access to Fuel as required.**



Support from AviaTraining

- Consultancy for all DGCA related matters.
- Aircraft Décor, Instruments, color combination selection.
- Training to be a Gyroplane Pilot.
- Suggestion and assistance for Insurance for Aircraft and other possible liability.
- Supply of Fuel as required and assistance to maintain stored fuel as per DGCA norms.
- Training and assistance for required documentation.
- AMC for repair and maintenance.
- Supply of Pilot on as required basis.
- Assistance for medical examination.
- Any other assistance on as required basis.



Cost Considerations*

Sn	Head	Avia - Brako (Rs in Lacss)	Avia - Tercel (Rs in Lacs)	Remarks
1	Aircraft Purchase Price	125	160	For standard fit
2	Aviation Consultancy	5	5	
3	Pilot Training (Per Person)	7	7	
4	AMC (10% of Aircraft Cost)	12.5	16	
5	Tools and Misc Required	2.5	2.5	Max (actual)
6	Site and Site preparation	Not included	Not included	
7	Insurance	About 8 to 10%	About 8 to 10%	Being negotiated
8	Initial fuel storage	Based on the Qty to be stored		
9	GST (Aircraft Purchase)	As applicable	As applicable	As per the prevailing rates
10	GST - Others	As per the prevailing rates		



* Indicated cost is the cost as it prevails today. AviaTraining reserves the right to alter the cost at any time.

Operating Cost At Prevailing Rates

Sn	Head	Rs per Flying Hr
1	Fuel	2000
2	Aircraft Maintenance	750



Pathway to be a Proud Owner

- **Fill up Pre-Order Form.**
- **Select aircraft, colour and accessories.**
- **Place order with 50% of the aircraft cost as advance.**
- **Please note that delivery time could be 3 to 5 months.**
- **Discuss and finalise required support for pilot license and other DGCA related matters.**
- **Make the payment for required support as per the company policy.**
- **Make 30% payment once aircraft is ready for dispatch from the manufacturer.**
- **Make payment of rest 20% before delivery.**
- **Make payment for insurance, AMC etc.**
- **GST as applicable shall be charged extra.**



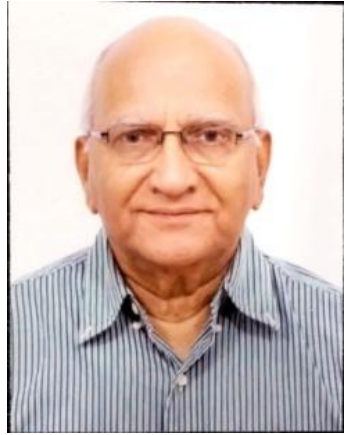
Order Booking for Gyrocopters is Opened



**Scan the Code and
Fill up Pre – Booking
Form**

CMD

Veteran Air Marshall PK Desai PVSM, AVSM, VSM



- Retired as senior most engineer of Air Force.
- Overseen all Repair and Overhaul activities of Indian Air Force.
- Pioneer in creating policy for Life Extension of aircraft, engines.
- Carried out various in-flight testing and evaluation for weapons and systems.

CEO

Veteran Wg Cdr Jaydev Desai



- Set up MiG-21M repair and overhaul line for Indian Air Force
- Set up Mirage 2000 engine repair and overhaul line in Kanpur
- Worked as Business head, Plant Head in Civil Industries
- Working as consultant to MSMEs for Defense and Aerospace.

COO



Veteran Gp Capt Kedar Kakade

- More than 4000 Hrs of Flying experience on fixed and rotary wing aircrafts
- Commanded an Indian Air Force Squadron
- QFI, Head of Training, trained AF Cadets and Officers
- Participated in UN Mission as Chief of Military Aviation in Congo.

Head - Engineering



Veteran Sgt Vikram Trivedi

- Indian Air Force Veteran.
- Having proven track record of Aircraft Maintenance and Repair.
- Worked on Kiran, HPT – 32, AN – 32 aircraft.
- Worked on repair and overhaul line of front line aero – engine.

Core Team



Conclusion

- Gyrocopter is easy to fly and easy to maintain flying machine.
- It is comparatively very safe aircraft to fly,
- At the cost of lesser than luxurious car, you can be the proud owner of an aircraft.
- You could fulfill your desire and dream to own an aircraft and fly it.
- You could promote adventurous attitude among your family and within the circle of influence.
- It would be **‘Neighbor’s Envy, and Owner’s Pride’**.
- It does require DGCA and MoCA ministry permissions/ Licenses and Certificates.
- AviaTraining shall advise for all DGCA related matters.
- Option to buy Gyroplane either with tandem seats or side by side seats.
- AviaTraining shall provide training to earn Gyroplane Pilot License.
- AviaTraining is a company promoted and managed by Air Force Veterans with proven track records.



Thank You!



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