



XENIT II

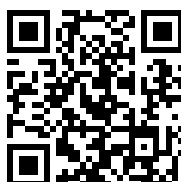


* colors are indicative

USER MANUAL



VER. 2.0



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WHITE PAGE

Index

Section	Description
1	<i>XENIT II FEATURES</i>
2	<i>SPECIFICATIONS AND DIMENSIONS</i>
3	<i>TRIKE PARTS</i>
4	<i>ASSEMBLING THE FRAME</i>
5	<i>MOUNTING THE PROPELLER</i>
6	<i>SETTING UP MONO OR TANDEM FLIGHT</i>
7	<i>EMERGENCY PARACHUTE</i>
8	<i>A-ASSIST SYSTEM</i>
9	<i>STARTING AND STOPPING THE ENGINE</i>
10	<i>WARRANTY</i>

1

XENIT II FEATURES

The XENIT II Trike is for all those pilots who want to fly alone or with a passenger in a light but solid vehicle which is also cost-efficient, low-maintenance and easy to transport.

The cage is made in powder-coated aluminum and the carriage bar, the harnesses attach to, in stainless steel 304.

This guarantees safety, flexibility and support for the pilot and the passenger. The choice of aluminum and steel is aimed at reducing weight whilst maintaining solidity in the most important points.

Another important factor is the use of steel cables which keep the entire Trike structure in shape and assure optimum performance.

The engine Thor family with the biggest displacement, liquid cooled that grants an extraordinary steady power output and better performance at every rpm.

The die cast light-alloy aluminum cylinder grants a better thermal stability. The liner with Nickel-Siliceous coating improves the piston sliding, its resistance to wear and abrasion. The piston, gravity cast at high silicon content light alloy, reduces thermal expansion and the coupling slack. The piston top design is specific to optimize the compression ratio. The advanced technology and the great performance of the new THOR 303 gives a better feeling when driving making the flight even more performing, dynamic, reactive, beside granting more stability.

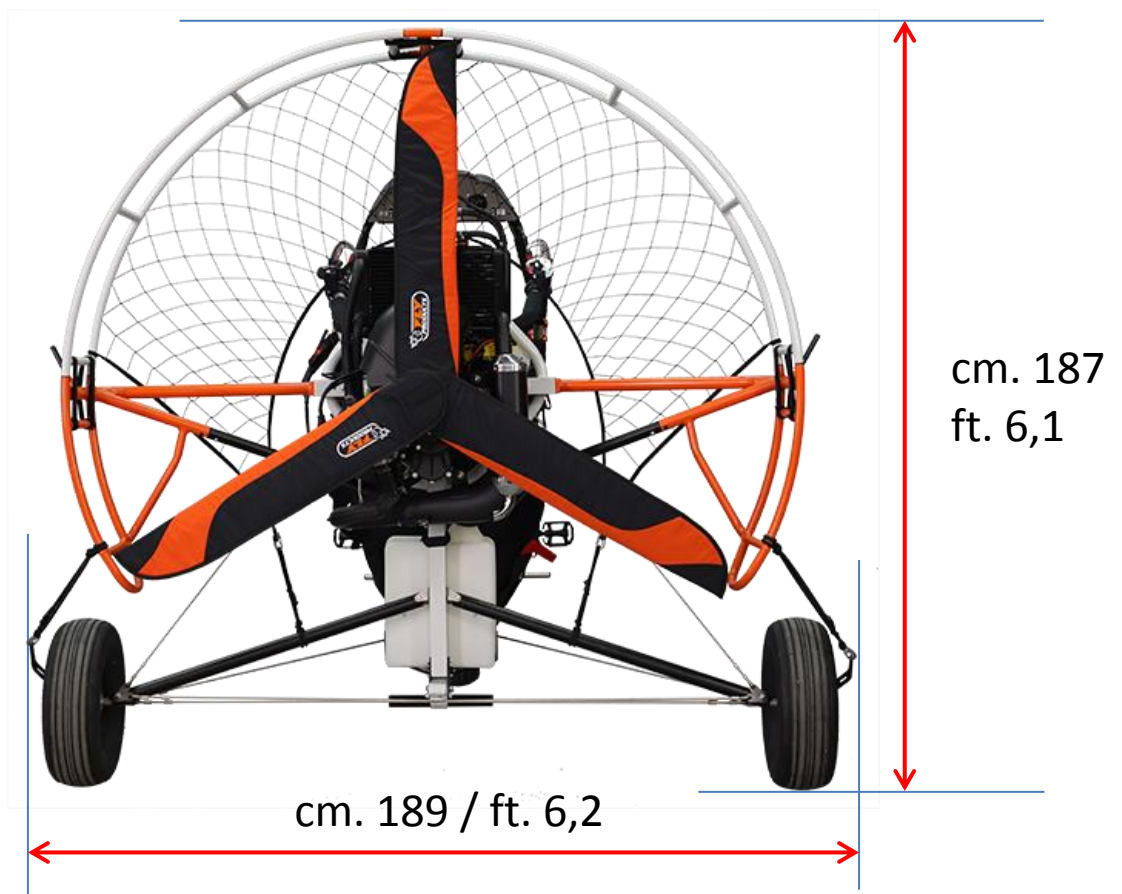
It's equipped of big wheels and front fork with shock absorber.

2

SPECIFICATIONS AND DIMENSIONS

MODEL	COSMOS 300	THOR 303
Cycle	2 strokes	2 strokes
Swept volume	293.9 cc	281 cc
Power	36 HP at 7.500 RPM	38 HP at 8000 R.P.M.
Air intake	Airbox silencer - Diaphragm carburetor, integrate choke system - Reed valve intake	Reed valve in the crankcase
Cooling system	Liquid cooling	Liquid cooling
Starter	Manual: 3S (Soft Starter System) - Dual: Electric Starter + 3S (Soft Starter System)	Flash Starter (Electric starter -optional)
Balancing System	Counter-rotating shaft	Counter-rotating shaft
Reduction	1/3,04	Helicoidal teeth in oil bath with 2,8 or 3,2 reduction ratio
Ignition	Single Spark or Twin Spark version	Electronic CDI with adj. advance
Exhaust pipe	Ceramic powder coating - Double joint system, double rib reinforcement system - Silencer pipe in anodized aluminum - EGT sensor threaded hole	Expansion with aluminum silencer
Fuel	Unleaded gasoline with 2,0% synthetic oil (Motul710) - Unleaded gasoline with 1,5% synthetic oil (Motul800)	E5 petrol or LL AV GAS-al with 2,5% synthetic oil 100%
Fuel consumption	3,2 liters/h at 40 kg of static thrust, prop. 160 cm at 4.500 RPM (2 blades) - 8,5 liters/h at 75 kg of static thrust, prop. 160 cm at 6.000 RPM (2 blades)	3 liters/h at 30 Kg a of static trust
Weight	Single Spark, Manual: 25,0 kg (full weight, radiator included, liquid excluded)	Starting from Kg 20,5 (manual starter model +radiator)
Propeller rotation	Clockwise	Clockwise
Max pilot weight kg	95 + 95	95 + 95

OVERALL DIMENSIONS



3

TRIKE PARTS



1. Base frame
2. Crew seats cradle
3. Rim with protection net
4. Rim support frame
5. Propeller
6. Fuel tank

4

FRAME ASSEMBLY

Frame assembly and disassembly is very fast and easy.
The best way is to proceed in the following order:



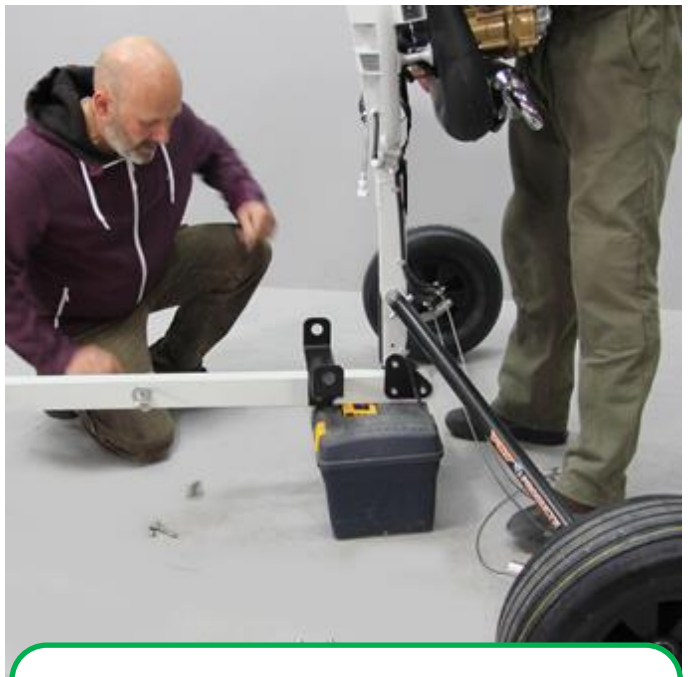
Position part n. 1



Remove the belt.



Lift the back end of the carriage.



Place the back end of the carriage on a box or any kind of support of about 25cm (9,8 in.) high.



Position the cradle (part n. 2) properly and insert the cradle bolts.

5

MOUNTING THE PROPELLER

6

MONO OR TANDEM FLIGHT SETUP

7

EMERGENCY PARACHUTE

8

"A" ASSIST SYSTEM

9

ENGINE START AND STOP

10

WARRANTY

Warranty

Fly Products (Seller, Our, Us) warrants the original Purchaser that this product shall be free from defects in materials and workmanship under normal use for a period of 12 months from the date of purchase. If for any reason this product is powered by fuel that does not meet the criteria stated in the engine manual, or is used with other equipment, parts or replaceable items (such as consumables) which are neither made nor approved by Fly products, Fly Products shall not be responsible for any loss of quality, degradation of performance or actual damage that results from the use of such fuel, equipment, parts or replaceable items.

Seller obligation and liability under this warranty is expressly limited to repairing or replacing, at Seller's option, any product not meeting the specifications. The dealer, from whom you purchased the product, or Fly Products, will repair the product free-of-charge. In no event shall Fly Products be liable to the Purchaser or any other person for any loss or damage whether direct or indirect or consequential or incidental, including without limitation, any damages or claims by third parties caused by defective products or otherwise arising from the incorrect or otherwise improper use of this product. This warranty applies only to defects in parts and workmanship relating to normal use.

It does not cover:

- damage arising from improper maintenance or negligence
- damage caused by incorrect pilot operation
- damage caused by wind or adverse weather conditions
- fair wear and tear

Fly Products shall, at its option, repair or replace any defective products. Improper use, that is, use for purposes other than those mentioned in this manual will void the warranty.

Limited warranty Fly Products shall not be liable to the Purchaser or any other person for damage arising from improper storage, handling or use of this product. Repairs to this Product must be carried out by qualified technicians appointed by Fly Products. This Product must be assembled in accordance with the instructions in this manual. To obtain warranty service, please contact your dealer or Fly Products directly. Shipping charges are the responsibility of the purchaser.

Internet info and upgrade

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