

MAXIMUM FREEDOM

with minimum efforts

Aeros
Nanolight
Trike

Our primary motive while designing the ANT nanolight trike was the idea to make it as easy-to-use as an ordinary hang glider. Bearing this in mind, we have set the task that the trike should be easy to de-rig by one person and would fit on the back seat of almost any car



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Few simple steps:

- detach the front strut and the upper part of the pylon;
- take the prop off using the quick release system;
- detach the engine electric wiring and fuel distribution line;
- unscrewing two bolts, take the engine off the trike;
- fold back the front part of the lower beam together with the wheel;
- pressing the retainer, fold both landing gears forward and fix them in place with the locks;
- put your trike and engine in bags;
- now your trike is ready to be loaded into a car



*With ANT you don't need a hangar
and transportation is no longer a problem for you!*



Main features of Aeros Nanolight Trike are
 quick-detachable engine,
 foldable frame and
 rear landing gear



Hand throttle



Splashers for main wheels

Nose wheel fairing



Rescue system



Trike type	ANT Compact				
Wing type	Combat 12T	Discus 15T	Fox 16T	Fox 13TL	Discus 15T
Engine type	JPX Corsair M25Y (2-stroke)			Polini Thor 190 (2-stroke)	Polini Thor 250 LS (2-stroke)
Power, hp	25			27	36
Propeller type	2-blade Helix H30F				3-blade Helix H40F
Empty weight (incl. rescue system), kg	94,5	89,5	82,5	87,5	94
Empty weight without wing (incl. rescue system), kg	54.5			55	59
Pilot weight with 10 l (2,6 gal) of fuel, kg	up to 116	up to 108	up to 105	up to 114	up to 104
Max take-off weight, kg	218	205	196	210	205
Standard fuel tank, l/gal	18/4,75				
Max. airspeed, km/h/mph	95/60	85/53	75/47	90/56	85/53
Min. airspeed, km/h/mph	37/23	35/22	35/22	37/23	35/22
Fuel consumption at cruise speed, l/hour/gal/h	3.5/0,92	4/1,06	4.5/1,19	4.5/1,19	5/1,32
Load factors, g	4g/-2g				
Climb rate, m/s/ft/m	2.7/530	2.7/530	2.3/450	3.2/630	3.2/630
DULV certificate	781-13 1	781-13 2	781-13 3	All tests done	All tests done

Price list (USD, EXW Kiev, Ukraine)

Interactive order form

aeros.com.ua

Aeros Nanolight Trike "ANT"	Price, USD
ANT Compact , trike with white or red frame, including seat belts and pads, 18-liter alum.fuel tank with fuel lines, engine control wire, accumulator, quick-foldable frame, quick-foldable rear landing gear, two saddle bags	2832

Resque system

Rescue system Comelli Cylindricone (mounted onto the trike)*	1886
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Trike options

Digital tachometer / hourmeter TinyTach TT2AM*	79
Digital tachometer / hourmeter / CHT indicator (for Polini Thor 250)	231
Disc brake on the nose gear*	155
Nose wheel fairing*	56
Splashers for main wheels*	90
Hand throttle*	79
Engine transportation bag *	109
Frame transportation bag *	62
Trike frame colour (blue, black or yellow)	75
Pylon fairing	43
Trike body cover	71

Power plant

JPX Cors-Air M25Y, 25 h.p., 2-stroke (belt-driven gearbox, carburetor, primer pump, generator, exhaust system, electric starter, air filter) mounted on quick-detachable engine frame; with propeller Helix H30F 1,30m; engine control box (ignition switch and ignition lock)	2835
Polini Thor 190 LC, 27 h.p., 2-stroke (belt-driven gearbox, carburetor, primer pump, generator, exhaust system, electric starter, air filter) mounted on quick-detachable engine frame; with propeller Helix H30F 1,30m; engine control box (ignition switch and ignition lock)	3370
Polini Thor 250 LC, 36 h.p., 2-stroke (belt-driven gearbox, carburetor, primer pump, generator, exhaust system, electric starter, air filter, radiator) mounted on quick-detachable engine frame; with propeller Helix H40F 1,40m; engine control box (ignition switch and ignition lock)	4438

Wings for nanolight trikes

Fox 16T with Dacron top surface	3995
Discus 14T, 15T with Dacron top surface	4725
Combat T with PE top surface	6238
Fox 13TL with Dacron top surface	4958

Wings options

Sail made of PE (top surface) instead of Dacron for Fox T, Fox 13TL or Discus T	236
Sail made of ODL6(Technora)(top surface) instead of Dacron for Fox 13TL or Discus T	495
Sail made of ODL6(Technora)(top surface) instead of PE for Combat T	249
Winglets - carbon optic option	76
All-weather transportation 6-m bag (in addition to the standard bag)	184
Special transport bag (for Fox 13TL)	158

Orders for a complete ANT trike with wing are eligible for 5% discount

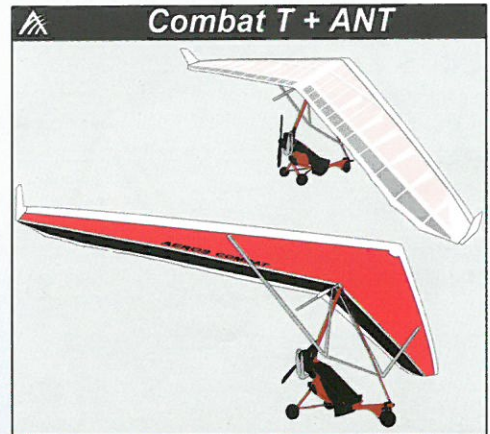
Price of a complete Aeros trike "ANT" with 5% discount

ANT Compact with recommended options, Corsair M25Y and Fox T	11568
ANT Compact with recommended options, Corsair M25Y and Discus 15T	12262
ANT Compact with recommended options, Corsair M25Y and Fox 13 TL	12483
ANT Compact with recommended options, Polini Thor 250 LC and Discus 15T	13785
ANT Compact with recommended options, Polini Thor 250 LC and Combat T	15291

Packing, transportation and customs

Packing in a wooden box (for trikes)	158
Transportation cost and customs expenses (for referencing purposes the cost of delivery of a complete trike to Orlando international airport is shown)	1100

* - recommended options



Order

Order for: Combat T + ANT
 Combat T
 Combat T sail only

Sail Options

Leading Edge: Clear - DP PE
 Top Surface: Clear - DP PE
 Bottom Surface: Lt. Red - DP 170CMT (3105)
 Middle Line: White - DP 170CMT (0000)
 Rear Line: Black - DP 170CMT (2100)
 Battens: White - DP 170CMT (0000)
 Ribs: White - DP 170CMT (0000)

Other Options

Winglets: White
 Letters: Black - Insignia PSA
 On right wing On both wings
 Latin Cyrillic
 Big Small
 Solid Outline

Trike

Trike Color: Red
 Inner Seat Color: Black
 Outer Seat Color: Black
 Engine: Cors-Air M25Y
 Tachometer: Tacho with Hourmeter
Other options
 Pylon fairing
 Hand trottle
 Rescue system
 Disc brake for nose wheel
 Nose wheel fairing
 Splashers for main wheels
 Two saddle bags
 Trike body cover
 Frame transportation bag
 Engine transportation bag
 Quick-foldable rear landing gear

Info

Date: 16.02.2016
 Reference: Your order reference
 Dealer: Dealer's name
 Customer: Customer's name
 Notes: Leave your comments here

520 characters left

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Wings for nanolight trikes

Discus T

is an intermediate hang glider Discus redesigned specifically for use with nanolight trikes.



It inherits the same friendliness and easy-handling as the original one, and is a perfect choice for those who wish to fly for fun or maybe do some travelling.

Fox 13TL

is a kingpostless wing that combines performance with ease of rigging/derigging and storage. It can fly as slow as 37 km/h and as fast as 90 km/h.

It can be hangared while remaining fixed to a trike and set up for flight within 5 minutes. The new Fox 13TL is ranked as the most outstanding wing in the line of Aeros T-wings.



Fox T

has been developed from our beginner glider Fox. It is reinforced and adapted exclusively for flying with the nanolight trikes. It is a completely different feeling when you fly the Fox T: slow, low and maneuverable flying is real fun!



Combat T

is designed for those who want to extend their abilities of flying faster and farther. Besides, its unique design allows the storage of a whole aircraft without complete disassembly — with the wing folded in but attached to the trike, almost ready to go.



Discus 14T

Discus 15T

Fox T

Fox 13 TL

Combat T

	Discus 14T	Discus 15T	Fox T	Fox 13 TL	Combat T
Sail area, sq.m. (sq.ft.)	13.7 (147.5)	14.7 (158)	16.2 (174)	13.0 (140)	12.8 (138)
Wing span, m (ft.)	10 (32.8)	10.3 (33.8)	9.6 (31.5)	8.65 (28.35)	10 (32.8)
Aspect ratio	7.3	7.2	5.7	5.75	7.8
Nose angle, °	127	127	120	121	130
Weight (without bags), kg (lb)	33 (73)	35 (77)	28 (62)	34 (75)	40 (88)
Number of upper sail battens	20	20	15	15	24
Number of bottom sail battens	4	4	-	-	6
Breakdown length, m (ft)	5.1/4.1 (16.7/13.4)	5.2/4.2 (17/13.8)	5.8/3.9 (19/12.8)	5.08/3.5 (16.65/11.47)	4/5.6 (13/18.4)
Double surface, %	80	80	30	30	90
Tested load, G	+6/-3				
Min. airspeed, km/h (mph)	35 (22)	35 (22)	35 (22)	37 (23)	37 (23)
Max. airspeed, km/h (mph)	85 (53)	85 (53)	75 (47)	90 (56)	95 (60)
Cruise speed, km/h (mph)	55 (34)	55 (34)	48 (30)	56 (35)	63 (39)
Max. clip-in weight, kg (lb)	170 (375)	170 (375)	168 (370)	176 (388)	178 (392)