

iFUN 16 **SP**

SKYPPER

Unfold it
> Fly!
Store it



iFun 16 SP

The **iFun 16** wing is now available in SP version, allowing the wing to be folded on the Skypper trike in a few minutes, without tools or assistance, for a minimum storage space. Despite its light weight (47 kg), this wing allows for a maximum take-off weight of 462 kg. The new "Lite Skin" fabric used on both leading and trailing edges, developed for the BioniX², is now standard. Combined with U.V-protected Trilam fabric, it guarantees unsurpassed safety and durability. The high skills of the iFun 16 for ultra-short takeoffs and landings and its speed range of 50 to 120 km/h (31-75 mph) allow for long distance trips and short field landings. Schooling, mountain flying and cross country are its favorite games.

The Skypper

Incorporating all of the proven systems that make the reputation of Air Creation trikes for extreme reliability and optimum safety, the Skypper makes no secret of its sporty nature and exemplary quality and robustness. This trike is capable of carrying over 250 kg (551 lbs) of payload. Equipped with Rotax 582 or 912 engine, the Skypper can be paired with any of Air Creation's wings. Lightweight, compact, comfortable and economical, the Skypper is designed to provide maximum pleasure and versatile use.



The Ultralight aircraft that we produce all respond to the same philosophy : Ease, Safety, Simplicity



TECHNICAL CHARACTERISTICS & PERFORMANCE



The pressurized double surface of the iFun 16, associated with low twist and optimized airfoil along the wingspan allow it to compete against many wings equipped with internals crossbars! In fact, the iFun wing is definitively not a single surface wing, so much it differs from its class, thanks to design and performance.

In SP version, the wing can be folded on the trike by a single person without tools and in a few minutes. The folded dimensions are 5.70 m long and 1.90 or 2.48 m in height, depending on the method choosen. Amazing cocktail of innovation and modernity, the iFun 16 SP - Skypper benefits for the know-how acquired by Air Creation, with our 36 years of experience.



1,2,3, It's folded !

Less dans 20 minutes, one single person

TYPE	iFun 16 SP Skypper 582 (S)	iFun 16 SP Skypper 912	iFun 16 SP Skypper 912 S
Wingspan	9,50 m/ 31,2 ft	9,50 m/ 31,2 ft	9,50 m/ 31,2 ft
Surface	16,3 m ² /175,5 sq ft	16,3 m ² /175,5 sq ft	16,3 m ² /175,5 sq ft
Aspect ratio	5,5	5,5	5,5
Nose angle	122°	122°	122°
Height	3,45 m	3,45 m	3,45 m
Wing weight	47,5 kg/ 105 lbs	47,5 kg/ 105 lbs	47,5 kg/ 105 lbs
Trike weight	147 kg/325 lbs	168 kg/371 lbs	170 kg/375 lbs
Payload (with BRS parachute)	256 kg/565 lbs (258 kg/569 lbs)	235 kg/518 lbs (237 kg/523 lbs)	233 kg/514 lbs (235 kg/518 lbs)
M.T.O.W. (with BRS parachute)	450 kg/994 lbs (462 kg/1018 lbs)	450 kg/994 lbs (462 kg/1018 lbs)	450 kg/994 lbs (462 kg/1018 lbs)
Minimum Speed	52 km/h/ 32 mph	52 km/h/ 32 mph	53 km/h/ 33 mph
Maximum Speed in Flight level	110 km/h/ 68 mph	120 km/h/ 70 mph	120 km/h/ 70 mph
V.N.E.	135 km/h/83 mph	135 km/h/83 mph	135 km/h/83 mph
Climb rate	4,0 m/s	5,0 m/s	6,0 m/s
Takeoff roll distance	80 m/262 ft	70 m/230 ft	60 m/197 ft
MOTEUR	ROTAX 582	ROTAX 912	ROTAX 912 S
Power	64 hp	80 hp	100 hp
Gear box ratio	3,47:1 (4,00 :1)	2.43:1	2.43:1
Propeller	HELIX/1.75 m (NEUFORM TXR-3-73)	HELIX H-50 F/1.75 m (NEUFORM TXL-3-65)	HELIX H-50 F/1.75 m (NEUFORM TXL-3-65)
Noise level*	65 (63) dB	74 dB	74 dB
Consumption	11,5 l/h à 80 km/h	8,5 l/h à 80 km/h	8,5 l/h à 80 km/h
Autonomie	350 km/217 miles	470 km/291 miles	470 km/ 291 miles

Performances given for an actual payload of 180 kg (396 lb).

* Measure taken at full power at an altitude of 150 m (500 ft) above ground.

Les ailes de Gustave 2018 ©

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