

INNOVATIVE • PRECISE • FLOWING • FAST AND SLOW

BioniX 13

Pianissimo Fortissimo



“The Thirteen”

Introducing the much anticipated **BioniX 13**, one of a full line of Air Creation wings featuring the patented **Corset®** wing warping system.

Thanks to the Corset®, this little rocket can do speeds up to 150 kph (93 mph), but unlike other wings of similar surface the **BioniX 13** can still fly very slowly and handle short field takeoffs and landings like a pro.

The agility and maneuverability of the **BioniX** wings are unmatched, safe independent of payload and in all weather conditions, notably due to its use of luff lines. The **BioniX 13**, like its big sister, the BioniX 15, features light handling in pitch and roll in every Corset position.

Stable and predictable, there's no worry to be had over adverse yaw or inertia.

The **Thirteen** maneuvers crisply and cleanly through a huge performance envelope. Made with meticulously selected high technology fabrics, the **BioniX 13**, with proper care, will satisfy many years of adventure seeking.

A test flight of the **Thirteen** is a must for every pilot who loves fast wings but also appreciates a peaceful, low-energy cruise and the pleasures of cross country.

Your view of weightshift flight is about to be altered...

air création 
TOUJOURS UN ULM D'AVANCE

BioniX 13

TECHNICAL CHARACTERISTICS & PERFORMANCE

Type	BioniX 13			
Wingspan	9.10 m			
Surface	13.3 m ²			
Aspect ratio	6.2			
Nose angle	130°			
Wing weight	53 kg			
Payload	450 kg			
Engine	Skypper 582 (S)	Skypper 912 (S)	Tanarg 912	Tanarg 912 S (ES)
Power	64 hp	80 (100) hp	80 hp	100 hp
Gearbox ratio	1:3.47 (1:4)	1:2.43	1:2.43	1:2.43
Propeller ARPLAST	3 blade Ecoprop (4 blade 166 DAS)	3 blade Ecoprop (3 blade 166)	3 blade 166/48	3 blade 166/48 (3 blade 158/62)
Propeller diameter	172 (166) cm	172 (166) cm	166 cm	166 (158) cm
Noise level *	65 (63) dB	73 (72) dB	72 dB	72 (69) dB
Empty weight	200 kg	221 (223) kg	239 kg	241 (236) kg
Minimum speed	58 km/h	59 km/h	60 km/h	60 km/h
Maximum speed at level	130 km/h	140 (150) km/h	150 km/h	160 (155) km/h
Speed range bar back CORSET loose/tight	80/150 km/h	80/150 km/h	80/150 km/h	80/150 km/h
Consumption	11 l/h at 85 km/h	10 l/h at 100 km/h	10 l/h at 110 km/h	10 l/h at 110 km/h
Climb rate	3.0 m/s	5.0 (6.5) m/s	5.0 m/s	6.5 (6.0) m/s



BioniX 13 - Tanarg 912 ES



BioniX 13 - Skypper 912



BioniX 13 - Skypper 912



BioniX 13 - Tanarg 912 ES

Performances given for a dual seater with an actual payload of 160 kg.
* Measure taken at full power at an altitude of 150 m above ground.



ORCHESTRATE YOUR FLIGHTS

