

THE AIRBORN

MARKET COMPARISON

PERFORMANCE DATA

RACE ONE-DESIGN AND ENJOY FAST SPEEDS

| | PURE RACING OR LEISURE WHY CHOOSE? | PURE RACING BOATS | | | LEISURE BOATS | | |
|------------------------------|--|---|--------------------------------------|---|--|--|---|
| | THE AIRBORN | MOTH (TYPICAL) | WASZP | SWITCH | BIRDY FISH S | SKEETA | UFO |
| HULL LENGTH (m) | 3.98 | 3.35 | 3.35 | 3.90 | 4.20 | 3.60 | 3.20 |
| HULL BEAM (m) | 1.55 | 2.25 | 2.25 | 2.25 | 1.70 | 2.30 | 1.70 |
| WEIGHT (kg) | 42 | 35 | 48 | 32 | 110 | 38 | 50 |
| SAIL AREA UPWIND (m2) | 5.9, 6.8, 7.8, 8.5 <small>On same mast</small> | 8.25 | 5.8, 6.9, 8.2 | 6.5, 7.5, 8.5 | 9.8 | 7.2, 8.5, 9.5 | 6.5, 8.2 |
| FOIL TYPE | 'T' foil, long span <small>Optimized carbon</small> | 'T' foil <small>Optimized carbon</small> | 'T' foil <small>Aluminium</small> | 'T' foil <small>Optimized carbon</small> | Side foil <small>Carbon</small> | 'T' foil <small>Carbon</small> | 'T' foil <small>Fiberglass</small> |
| FOIL CONTROL | Both foils electrical | Mechanical wand and twist tiller | Mechanical wand and twist tiller | Mechanical wand and twist tiller | Surface piercing | Mechanical wand and twist tiller | Mechanical wand and twist tiller |
| RACING TYPE | One-design + App | Development | One-design | One-design | - | - | - |
| HULL CONSTRUCTION | Fiberglass and carbon epoxy | Carbon epoxy | Fiberglass epoxy | Carbon epoxy | Fiber glass epoxy | Fiber glass epoxy | Fiber glass epoxy |
| HIKING TYPE | Flared hull | Hiking wings | Hiking wings | Hiking wings | - | Hiking wings | - |
| RIG AND SAILS | Two-piece carbon mast with deck sweeper and halyard | Carbon mast with mainsail on sleeve | Carbon mast with mainsail on sleeve | Carbon mast with mainsail on sleeve | Aluminium mast, deck sweeper and halyard | Carbon mast, mainsail halyard, no deck sweeper | Carbon mast, mainsail halyard with deck sweeper |
| HULL SHAPE | Modern dual stage | Narrow / canoe | Narrow / canoe | Narrow / canoe | Standard | Scow | Catamaran |

SUMMARY

QUALITY MATERIALS, EASE OF USE AND HIGH PERFORMANCE

| | PURE RACING OR LEISURE WHY CHOOSE? | PURE RACING BOATS | | | LEISURE BOATS | | |
|-----------------------------|---|---|---|---|---|-----------------------|-----------------------|
| | THE AIRBORN | MOTH (TYPICAL) | WASZP | SWITCH | BIRDY FISH | SKEETA | UFO |
| YEAR OF DESIGN | 2026 | FROM 2008 ON | 2015 | 2023 | 2021 | 2017 | 2017 |
| SPEED POTENTIAL | 28 - 30 kts | 33 kts | 24 kts | 32 kts | 24 kts | 24 kts | 24kts |
| EARLY TAKE OFF | ●●●●● High aspect ratio foils | ●●●●○ | ●●●●○ | ●●●●○ | ●●●○○ | ●●●○○ | ●●●○○ |
| LEARNING CURVE | ●●●●○ Stable, electric control | ●●○○○ | ●●○○○ | ●●○○○ | ●●●○○ | ●●●○○ | ●●●○○ |
| QUALITY OF MATERIALS | ●●●●○ | ●●●●● | ●●●○○ | ●●●●● | ●●●○○ | ●●●○○ | ●●●○○ |
| KIDS FRIENDLY | ●●●●○ Rounded edges, simple, lightweight | ○○○○○ Not recommended | ●●●○○ Sharp edges, complex systems | ○○○○○ Not recommended | ●●●○○ Heavy, large loads | ●●●○○ | ●●●○○ |
| LAUNCH FRIENDLY | ●●●●○ Foil lift-up system, mainsail on halyard, stable | ●●○○○ Sleeve mainsail, fragile mechanical parts and unstable | ●●○○○ Sleeve mainsail, fragile mechanical parts and unstable | ●●○○○ Sleeve mainsail, fragile mechanical parts and unstable | ●●○○○ Heavy to launch and recover, large side foils. | ●●●○○ | ●●●○○ |
| EASE OF MAINTENANCE | ●●●●○ Same as normal dinghy. With consumer electronics | ●●○○○ Fragile wand and construction | ●●●○○ Fragile wand | ●●○○○ Fragile wand and construction | ●●●●○ Same as normal dinghy | ●●●○○ Fragile wand | ●●●○○ Fragile wand |

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