

Press and information release

Authorised by: **Guy Gratton, Chief Technical Officer**

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Subject:

The BMAA today approved the Air Creation KISS-450 for the United Kingdom. The approval is as a homebuilt microlight aeroplane, which means that UK pilots can now purchase and built kits for the type, which is imported by Flylight Airsports of Sywell Airfield, Northampton. The kit manufacturer is Air Creation of France, who are probably the world's largest manufacturer of weightshift controlled microlights.

The aircraft is a conventional 2-seat flexwing microlight, and is derived from the already approved KISS-400, using the same trike but a larger 15m² wing. It's unique in being the first flexwing microlight approved in the UK to fully take advantage of the 450kg microlight definition, making it almost certainly the microlight with the best lifting capacity of anything currently available.

Verified performance for the KISS-450, with the Rotax 582 engine and Arplast Ecoprop propeller is:-

- **Climb rate** (sea-level / MTOW): **950 fpm**
- **Take-Off distance** to clear 50ft obstacle (sea-level / MTOW / short-dry grass / no wind, including 1.3 safety factor): **191m** / 626ft (147m / 482ft without safety factor)
- **Landing distance** over 50ft obstacle (sea-level / MTOW / short-dry grass / no wind): **177m** / 581ft
- **Maximum level cruise speed:** **63 knots** / 73 mph CAS
- **Stall speed** at maximum weight: **34 knots** CAS / 39 mph CAS
- **Never Exceed Speed:** **75 kn** CAS / 86 mph CAS
- **Best Glide Ratio, 7.4:1**

Flylight are also the importer of the Air Creation KISS-400 weightshift microlight, and the Aeros / BestOff SkyRanger fixed wing microlight aeroplane, both of which are already approved by the BMAA.

The BMAA is the representative body for microlight aviation in the United Kingdom, responsible for a fleet of about 3.200 microlight aeroplanes of 142 types. This is the third new type approved by BMAA during the last year, the others being the ICP MXP740 Savannah, and the Reality Escapade.

For further information:

Subject	Contact(s)
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The BMAA Technical Office is always glad to provide assistance in the form of verified aircraft performance data, independently checking details, etc. to journalists researching any aircraft in the BMAA fleet of 142 approved microlight aeroplane types, or to prospective builders / purchasers wishing to check on what is or can be approved on specific aircraft.