

Farnborough Aircraft Corporation

Farnborough Aircraft Corporation is the developer of the Kestrel single engine turboprop business aircraft - a brand new aircraft design combining the speed and comfort of business jets with the impressive economics, short field performance and low noise footprint of a PT6-powered turboprop.



The Kestrel represents the application of advanced aerodynamic and state-of-the-art computer-aided design technology to the aerospace industry's traditional challenge: to build an aircraft with the optimal balance of performance, capacity and economics.

"The result is a stunning machine that redefines its class, and challenges the new generation of light jets to match its all-round capabilities," said Richard Blain, Commercial Director.

The Kestrel is constructed with the best of today's proven aircraft components combined with a lightweight and aerodynamically efficient carbon composite airframe.

Using the latest in aerodynamic design techniques and composite structural materials, the Kestrel will be the fastest certified single-engine turboprop passenger aircraft.

The company benefits from a talented and experienced in-house design and manufacturing team with a heritage from Airbus, BAE systems, Thales and the UK National Physical Laboratory.

The prototype Kestrel aircraft made its maiden flight in July 2006. Currently it is being subjected to a vigorous flight test schedule and first customer deliveries are planned for 2010.

The designers that have created the Kestrel understand that those who travel by air appreciate the value of time.

Time is a precious commodity and speed is the ultimate luxury. The Kestrel achieves new standards in aircraft performance; advanced aerodynamics and computer aided design techniques, applied to carbon created technologies, and have produced one of the most efficient aircraft designs in the world.

The Kestrel sets new standards in cabin dimensions and comfort. Providing all the refinements and luxury of a light jet, the Kestrel bridges the gap between turboprops and substantially more expensive business jets.

Like all the greatest aircraft the Kestrel was designed from the outset to perform a particular range of missions. The Kestrel is built to carry up to six passengers on a typical business or personal journey over distances from 100 to 1500 nautical miles.

"No other aircraft is as flexible for these missions as the Kestrel", added Richard Blain.

Farnborough Aircraft Corporation has developed the Kestrel, a single engine turboprop business aircraft.

The benefits of the Kestrel are:

- **Optimal balance of performance, capacity and economics**
- **Constructed with the best aircraft components**
- **Aerodynamically efficient carbon composite frame**
- **First customer deliveries planned for 2010**
- **Achieves new standards in aircraft performance**
- **650 kmh cruise / 2500km range**
- **Private lavatory**



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