



TESTBED 80

The sky's the limit

Featuring the latest advanced technology and cutting-edge systems, this phenomenal piece of infrastructure gives us the capability to test our engines to the limit.

The world's largest & smartest indoor Testbed

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3 yrs

The length of time it took to construct

27,000m³

The amount of concrete used to build the testbed, enough to fill 11 Olympic-sized swimming pools

7,500m²

The internal area of the testbed, making it larger than a Premiership football pitch

£90m

The investment made in building the testbed

3,128 tons

The quantity of steel that was used to construct the building

Testing engines of the future

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200,000 samples/sec

The rate of samples per second we can collect from more than 10,000 different parameters on an engine

140,000 ltrs

The litres of fuel (including Sustainable Aviation Fuel) the testbed fuel tank can hold
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155klbf

The amount of thrust the testbed is capable of testing

400mph

The speed of the air exiting the augmentor tube when an engine is being tested

30 images/sec

The number of images the testbed's powerful X-ray machine is able to capture per second
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