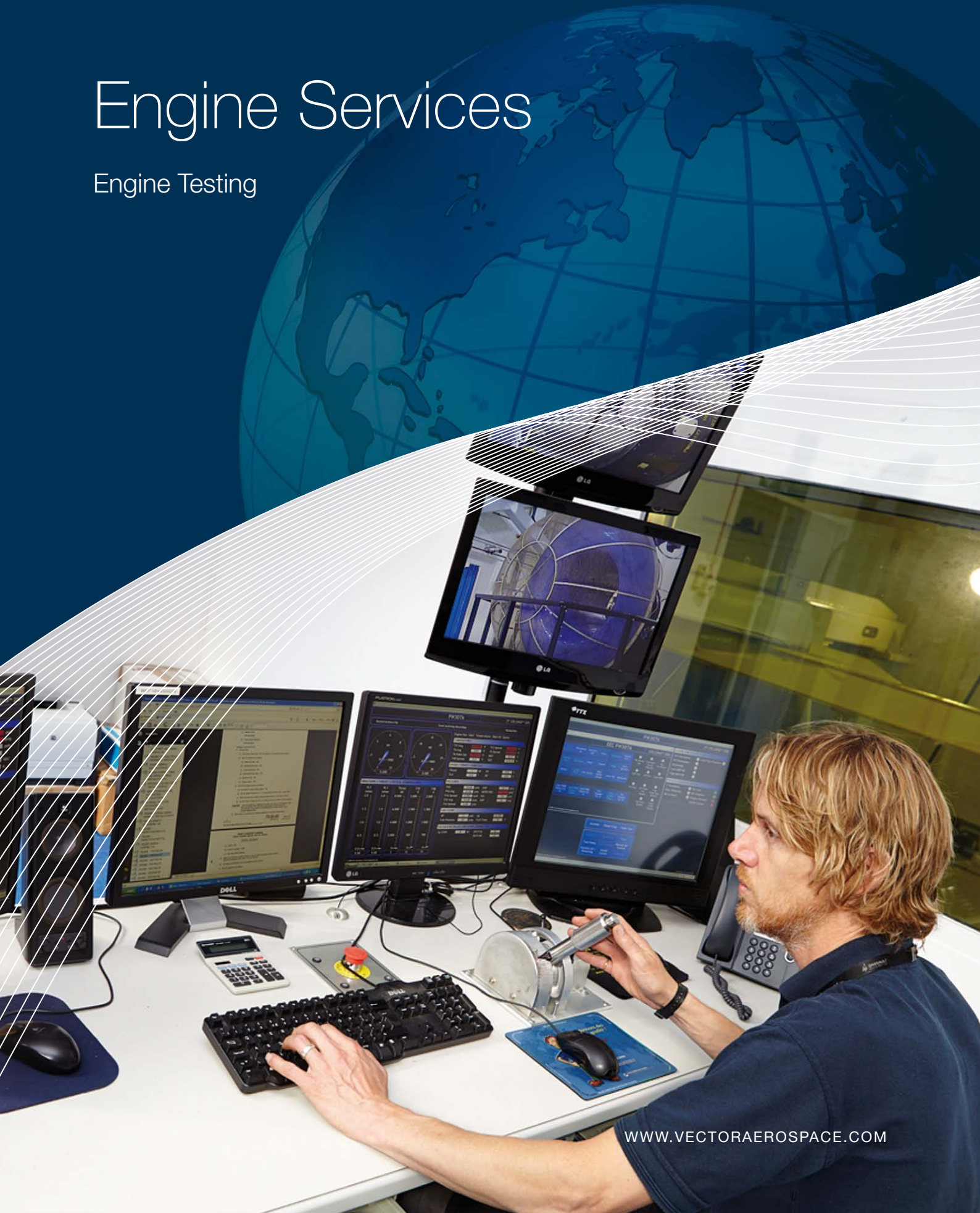


SETTING THE STANDARD OF CUSTOMER SERVICE

VECTOR  
AEROSPACE

# Engine Services

Engine Testing



[WWW.VECTORAEROSPACE.COM](http://WWW.VECTORAEROSPACE.COM)

## State of the art engine test and diagnostic technologies

Vector's custom designed state of the art engine test facility, opened in January 2001 and incorporates the most up to date engine test and diagnostic technologies currently available in Europe. We have extensive engine test bench facilities with approvals to test the following engines types.

The facility is correlated and approved to test the following:

- Rolls-Royce T56, 501D & 501K engines
- Honeywell ALF502 and LF507 engines
- Pratt & Whitney 307A, PW308A & 308C

The thrust test bed and dual turboprop/turboshaft test beds can handle a variety of turbofan engines of up to 40,000 lbs thrust and turboprop/turboshaft engines up to 10,000 shaft horsepower.

The thrust cell facility can offer a testing and full off-wing diagnostic capability with a 24-hour turn round time.

All current engine types in both test cells are controlled by an MDS EDAS6000 state of the art Intel based Data Acquisition System which is capable of processing 330 channels at a rate of 7,500 channels per second.

The systems offer easy generation of engine reports, real time critical data logging and trend analysis.

This test cell is also equipped with the latest software which can carry out full performance checks. We can also carry out vibration analysis using the Viper 4040 Vibration Analyser. Specialist tooling is available to enable full compressor washes on the test bed.

*The systems offer easy generation of engine reports, real time critical data logging and trend analysis.*



Vector Aerospace

### Engine Services UK

Fareham Road, Bld. 110, Door 2  
Gosport, Hampshire  
PO13 0AA, UK

Tel: +44 (0) 2392 94611 ext 6692

Email: [sales.esuk@vectoraerospace.com](mailto:sales.esuk@vectoraerospace.com)