

Aero Engine Test Cells Thrust Engine Test Capability



Test cells supplied and supported include:

- **Test Cells for military afterburning and non-afterburning engines to 40,000lb thrust**
- **The U.S. Air Force Type A/F32T-9 Noise Suppressor (Test Cell) and derivatives**
- **Facility buildings can be constructed as permanent structures or as modular systems**
- **Vital Link Thrust engine Test Cells test cells and associated systems allow for the evolution of engine types to be accommodated over the facility lifecycle**
- **Vital Link *FADAS*[™] Automatic Data Acquisition and Facility Control Systems**

**www.vitallinkinc.com
www.vitallinkltd.co.uk**

Aero Engine Test Cells

Engine Test Capability



As an ISO 9001:2000 accredited Company, Vital Link are specialists suppliers for new test cells and upgrade, modernization and modification of existing test cells for Air Forces world-wide.

Vital Link undertake refurbishments that are often extensive in scope and provide the customer with an effective alternative to a new test cell at a fraction of the cost.

Typical Projects include:

- Aero-thermodynamic, structural and environmental analysis and design
- Civil engineering design
- Acoustical components – Test enclosure, intake and exhaust silencing systems
- Acoustical Control Room, Equipment and Systems Rooms
- Test Stand and Engine Adaptors
- Fuel storage, Metering and Distribution Systems
- Engine Start Systems
- FADAS™ data acquisition and control system
- FADAS™ electronic throttle systems
- Fire Detection and Suppression Systems
- OEM Cross - calibration and certification services



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