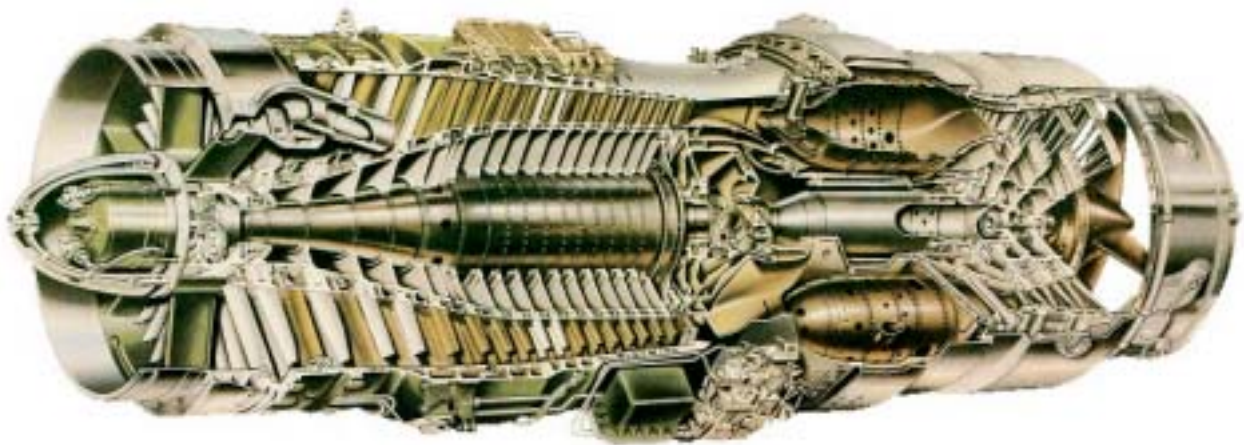


## ES2005 Avon T4 thermocouple harness upgrade

Improve the accuracy and reliability of T4 temperature measurement

energy



### Engineered solution purpose

This engineered solution replaces obsolete thermocouple harnesses with the current production standard.

### Applicability

All Avon gas generators.

### Technical description

8 - triple element thermocouples are coupled into 2 junction boxes.

### Benefits

The triple element units provide far greater accuracy and increased reliability and provides the capability to replace individual thermocouples rather than the entire assembly.

### Experience

Over 200 engines are in-service operating with this upgrade.

### Scope of work

The following components are added:

- 8 off new thermocouples
- New harness
- Take-off leads
- Junction boxes

### Bill of materials

- Avon modification kit A4551
- Avon modification kit A4593

### Undertaken

At overhaul or at site

### Bundling opportunities

- Controls upgrade [ES6006]
- Instrumentation upgrade ([ES6007])

