

# Evaluator Aircrew

 **Duration**  
3 weeks



**Aircraft Types Flown**  
1

 **Capacity|Frequency**  
10 | Quarterly  
with additional courses  
available on demand

 **Flight Test Hours**  
Typically 2

## Summary

The course is designed to introduce basic Test and Evaluation (T&E) principles and techniques to aircrew who are selected to join Test and Evaluation Squadrons, primarily to conduct Operational Evaluation flying. It is also a well-rounded and practical introduction to T&E for industry experts who provide support to Trials activities. Aircrew who complete the course will have a grounding in the importance of Test & Evaluation and how tests are planned and managed. They will also be advised on how risks are controlled, the fundamentals of flight test data gathering, how to report and conclude analyses and how to assess common aircraft systems such as navigation and radar.

## Benefits

This course delivers the Evaluator Aircrew (EA) requirements as documented in Regulatory Article 2370, and the training supports a recognised path to achieving this Test and Evaluation qualification. It provides practical grounding and knowledge for non-Test Pilot & Flight Test Engineers working within Test & Evaluation programmes to ensure the support they provide for such activities is safe and effective at all times. Each participant will take part in two practical activities to reinforce the theoretical content of the course and introduce them to the priorities and responsibilities for working effectively within a test team.

## Students

This course is recommended for both military aircrew working within a Test & Evaluation Squadron (TES) and for civilian contractors delivering in partnership with a TES. The course is applicable for aircrew on all types of platform – from fixed wing and rotary wing to unmanned aerial systems.

## Location

This course is primarily delivered at the UK Home of Test & Evaluation, MOD Boscombe Down, but can be delivered on location depending on aircraft availability.

To discover more about how we can shape your test pilots, contact [ETPSSales@qinetiq.com](mailto:ETPSSales@qinetiq.com)

## Syllabus

- Week 1 – Test & Evaluation Ground School**  
Modules include Introduction to T&E; Flight Test Planning & Management; Risk Management; Flight Test Instrumentation; Reporting; and Systems Testing.
- Week 2 – Human Factors & Cockpit Assessment**  
Modules include Human Factors and Cockpit Design and the week concludes with a practical cockpit assessment exercise.
- Week 3 – Systems Test Sortie**  
Practical flight exercise for student teams to test the human machine interface in an airborne environment.

