

Name: Olly West

Essential principles & Practical Theory Skills Development in Space Systems Test Best Practice

12th September 2025

The named individual completed the Plastron two-stage, online training programme in Space Systems Engineering Test Best Practice. This training is designed to help participants develop an essential appreciation of why testing is critical for space hardware and how the testing regimen is defined and conducted. The breadth of course content included in the training is as follows:

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| <ul style="list-style-type: none">• Introduction to Systems Engineering• Review of Relevant Engineering Principles• Test Engineering for Spaceflight Hardware• Introduction to ECSS Standards• Common Industry Vocabulary & Concepts• Common documentation• Reporting artefacts• Subsystems• Introduction to Launchers & Satellites | <ul style="list-style-type: none">• Requirements Definition & Analysis• Feasibility Study Methodologies• Initial Verification Planning• Introduction to Verification Techniques• Introduction to Test Planning• Risk Management in Space Projects• Breadboard (POC) Testing• Test Procedure Development• Introduction to Design Reviews | <ul style="list-style-type: none">• Qualification Testing Methods• Introduction to Environmental Test• Advanced Systems Engineering• Introduction to Qualification Testing• Introduction to Protoflight Testing• Acceptance Testing• Climatics Testing• Vibration Testing• Pyrotechnic Shock Testing |
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Plastron is dedicated to supporting the growth of the NewSpace sector, which is achieved through infrastructure design, service & supply-chain transformation, software development and training. The Upstream training programme was developed with the support of the UK Space Agency and draws on the collective experience of a team of highly-skilled and dedicated systems engineers. We recognise the aspirations and innovations of future generations of space technologists are key to our collective future in space. We aim to ensure these journey to success are enhanced by sharing the experience of sector professionals and enabling a sector founded on quality, safety and professionalism.

Charlie Young
Managing Director
Plastron Training Ltd

