

Overview Multi-choice test that measures the conceptual knowledge of aerodynamics, aircraft systems and instrumentation, flight dynamics, space dynamics and avionics.

Relevant Job Roles	Aerospace Engineer, Aerospace Engineering and Operations Technician, Avionics Engineer, Flight Test Engineer, Flight Controls Engineer
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Details

Language	English (US)
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Average Testing Time (minutes)	10 minutes
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Allowed Time (minutes)	20 minutes
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Maximum Number of Questions	18 questions
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Number of Sittings	One
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Test Type	Multiple Choice - CTT
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Sector	Engineering
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Scores Reported	<ul style="list-style-type: none"> • Overall Score • Aerodynamics • Aerospace Mechanics • Aircraft Systems and Instrumentation • Advance Aerospace Engineering
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O*NET Competency	Engineering and Technology
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Knowledge, Skills, Abilities And Competencies Measured

The following areas are covered:

- Aero engine design
- Compressible and finite wing aerodynamics
- Vibrations and elements of aeroelasticity
- Aerospace structural mechanics
- Aero-fluid mechanics
- Basics of aircraft systems
- Aircraft control systems and instrumentation
- Aircraft propulsion and gas turbine engines
- Aircraft structural analysis and design
- Aircraft performance, stability and control
- Flight dynamics
- Space dynamics
- Avionics
- Aircraft maintenance and airworthiness