



Air Service Training (Engineering) Limited

Part 66 Category B Modular Courses

Approved & Certified - CAA: UK.147.0002 | EASA: 147.0174 | CAAN: 147.001

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About us

Air Service Training (Engineering) Limited, often referred to as AST, remains the world leader in the field of Aviation Training and Engineering since 1931, making us the longest running organisation of it's kind.

Training Engineers for one of the most demanding professions in the world, and in a forever growing industry, we need YOU!

From the beginning, AST is focused on delivering the highest standard of quality training, ensuring you get a kick start in your career to become an Aircraft Engineer.

Here at AST, we put our students first, operating at the highest ethical standards and ensuring our students learn essential skills and knowledge, as we have done for thousands of previous students.

www.airservicetraining.co.uk





Part 66 Modular Courses for Self-Improvers and Approved Examinations

Part 66 Short Modular Courses

These courses provide training in discrete Part 66 modules: and can be used by those seeking:

- Initial licence issue following the Self-Improver route.
- Extension to basic Part 66 licence categories (ie. B2 to A1)

The courses offer full training to the Part 66 syllabus in each module and should not be viewed as a "crash course".

These courses do NOT constitute an approved course therefore candidates must meet the full experience

requirements as stated in the Part 66 Regulations. Owing to the intensive nature of this course we recommend applicants should have a minimum of two years previous aircraft maintenance experience.

Candidates attending Modular Courses can be examined by AST on behalf of the UK Civil Aviation Authority and European Aviation Safety Agency.

AST deliver Short-Modular courses at our facilities in Perth Scotland, and all our courses are theory-based and delivered face to face. At the end of each module the candidate would sit the EASA and/or UKCAA Part 66 Examination(s).

Course Times

Tuition times are 09.00 –12.30, 13.30 – 16.30 (including break periods) Monday to Friday.

Please Note Modules 1, 2, 8 & 10 have been scheduled to commence on a Sunday to Friday.

Course Fees

Tuition Fees for courses commencing in 2025 will be £374 + VAT (£448.80 incl. VAT) per week, which includes technical training notes, tuition and examination fee.

For Military Service Personnel, Air Service Training is registered to accept Enhanced Learning Credits towards your training and examination(s).

UK Military Service Leavers please note AST can accept resettlement grants (MOD Form 1746) towards the costs of your training.

Licence Categories

The Short Modular Courses at AST offer students the option of studying towards the B1.1, B1.2, B1.3 or B2.

B1.1 Fixed Wing Turbine Engine

| | |
|------------|--|
| Module 1 | Mathematics |
| Module 2 | Physics |
| Module 3 | Electrics Fundamentals |
| Module 4B1 | Electronics Fundamentals |
| Module 5B1 | Digital Techniques |
| Module 6 | Materials and Hardware |
| Module 7 | Maintenance Practices |
| Module 8 | Basic Aerodynamics |
| Module 9 | Human Factors |
| Module 10 | Aviation Legislation |
| Module 11A | Aeroplane Aerodynamics, Structures and Systems |
| Module 15 | Gas Turbines |
| Module 17 | Propellers |

B1.2 Fixed Wing Piston Engine

| | |
|------------|--|
| Module 1 | Mathematics |
| Module 2 | Physics |
| Module 3 | Electrics Fundamentals |
| Module 4B1 | Electronics Fundamentals |
| Module 5B1 | Digital Techniques |
| Module 6 | Materials and Hardware |
| Module 7 | Maintenance Practices |
| Module 8 | Basic Aerodynamics |
| Module 9 | Human Factors |
| Module 10 | Aviation Legislation |
| Module 11B | Aeroplane Aerodynamics, Structures and Systems |
| Module 16 | Piston Engines |
| Module 17 | Propellers |

B1.3 Rotary Wing Turbine Engine

| | |
|------------|---|
| Module 1 | Mathematics |
| Module 2 | Physics |
| Module 3 | Electrics Fundamentals |
| Module 4B1 | Electronics Fundamentals |
| Module 5B1 | Digital Techniques |
| Module 6 | Materials and Hardware |
| Module 7 | Maintenance Practices |
| Module 8 | Basic Aerodynamics |
| Module 9 | Human Factors |
| Module 10 | Aviation Legislation |
| Module 12 | Helicopter Aerodynamics, Structures and Systems |
| Module 15 | Gas Turbines |

Understanding Category B Licencing

B2 Avionics

| | |
|------------|--|
| Module 1 | Mathematics |
| Module 2 | Physics |
| Module 3 | Electrics Fundamentals |
| Module 4B2 | Electronics Fundamentals |
| Module 5B2 | Digital Techniques |
| Module 6 | Materials and Hardware |
| Module 7 | Maintenance Practices |
| Module 8 | Basic Aerodynamics |
| Module 9 | Human Factors |
| Module 10 | Aviation Legislation |
| Module 13 | Aircraft Aerodynamics Structures and Systems |
| Module 14 | Propulsion |

The Category B Licence is sub-divided into multiple categories, of which four are delivered by AST.

- **Category B1.1**
Aeroplanes Turbine – Mechanical
- **Category B1.2**
Aeroplanes Piston – Mechanical
- **Category B1.3**
Helicopters Turbine - Mechanical
- **Category B2**
Avionic

The Aircraft Maintenance Licence (AML) Category B1.1 (turbine aircraft), B1.2 (piston aircraft) and B1.3 (helicopter turbine) allows the holder to issue certifications of release to service, following maintenance, including aircraft structure, power plants and mechanical and electrical systems. Authorisation to replace avionic line replaceable units (LRUs) requiring simple tests to prove their serviceability is also permitted.

The Aircraft Maintenance Licence (AML) Category B2 allows the holder to issue certificates of release to service, following maintenance on avionic and electrical systems.

Zero-to-Hero Programme

In addition to individual modules, AST offers a zero-to-hero strategy to those seeking to undertake all modules required by a particular Licence category in one programme.

This course is mostly suitable for those with appropriate experience in the industry, this course is strictly theoretically based, and due to the intensive nature of the Modular Courses, we recommend potential candidates to have a minimum of 2 years previous aircraft maintenance experience.

You would start with MOD 1 and work your way through the modules, At the end of every module, you would sit for your EASA and/or UKCAA Part 66 Examination, the minimum mark required to achieve an examination pass is 75%.

The majority of the examinations are multiple choice questions however there are 3 modules which also contain written essays, and these are:- Maintenance Practices Module 7, Human Factors Module 9 and Aviation Legislation Module 10.

Once a candidate has passed all of the relevant examinations they would require a minimum of 5 years of practical work experience before they may apply for their licence, the B1.2 licence requires a minimum of 3 years' experience. For those with military experience it is advisable to contact the UKCAA and/or EASA for guidance on the minimum period of experience required towards licensing.

| Licence Category | Course Fees (incl. VAT) | Course Duration |
|---------------------------------|-------------------------|-----------------|
| B1.1 Fixed Wing Turbine Engine | £9042 | 22 weeks |
| B1.2 Fixed Wing Piston Engine | £9042 | 22 weeks |
| B1.3 Rotary Wing Turbine Engine | £8630.40 | 21 weeks |
| B2 Avionics | £10,275.60 | 25 weeks |





Basic maintenance

REPAIRS

General Repairs

General Repairs

ST-ROD

130

sky express
...the airline...

38110

Part 66 Modular Courses 2025 - Category B

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|----------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|
| Wk Start | 05-Jan* | 12-Jan* | 20-Jan | 27-Jan | 03-Feb | 10-Feb | 17-Feb | 24-Feb | 03-Mar | 10-Mar | 16-Mar* | 24-Mar | 30-Mar* |
| Module | 1* | 2* | 3 | 3 | 4B1 | 5B1 | 6 | 6 | 7 | 7 | 8 | 9 | 10* |
| Exam | 10-Jan | 17-Jan | | 31-Jan | 07-Feb | 14-Feb | | 28-Feb | | 14-Mar | 21-Mar | 28-Mar | 04-Apr |

| | | | | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Wk Start | 07-Apr | 14-Apr | 21-Apr | 28-Apr | 05-May | 12-May | 19-May | 26-May | 02-Jun | 8-Jun* | 15-Jun* | 23-Jun | 30-Jun |
| Module | 11 Wk1 | 11 Wk2 | 11 Wk3 | 11 Wk4 | 11 Wk5 | 11Wk6 | 15 | 15 | 17 | 1* | 2* | 3 | 3 |
| Exam | | | | | | 16-May | | 30-May | 06-Jun | 13-Jun | 20-Jun | | 04-Jul |
| Module | 12 Wk1 | 12 Wk2 | 12 Wk3 | 12 Wk4 | 12 Wk5 | 12 Wk6 | | | | | | | |
| Exam | | | | | | 16-May | | | | | | | |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| Wk Start | 07-Jul | 14-Jul | 21-Jul | 28-Jul | 04-Aug | 11-Aug | 18-Aug | 25-Aug | 31-Aug* | 08-Sep | 14-Sep* | 22-Sep | 29-Sep |
| Module | 4B2 | 4B2 | 5B2 | 5B2 | 6 | 6 | 7 | 7 | 8 | 9 | 10* | 13 Wk 1 | 13 Wk 2 |
| Exam | | 18-Jul | | 01-Aug | | 15-Aug | | 29-Aug | 05-Sep | 12-Sep | 19-Sep | | |
| Module | 4B1 | 5B1 | 15 | 15 | | | | | | | | 11 Wk 1 | 11 Wk 2 |
| Exam | 11-Jul | 18-Jul | | 01-Aug | | | | | | | | | |

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|----------|---------|---------|---------|---------|---------|---------|---------|--------|
| Wk Start | 06-Oct | 13-Oct | 20-Oct | 27-Oct | 03-Nov | 10-Nov | 17-Nov | 24-Nov |
| Module | 13 Wk 3 | 13 Wk 4 | 13 Wk 5 | 13 Wk 6 | 13 Wk 7 | 13 Wk 8 | 13 Wk 9 | 14 |
| Exam | | | | | | | 21-Nov | 28-Nov |
| Module | 11 Wk 3 | 11 Wk 4 | 11 Wk 5 | 11 Wk 6 | 17 | 16 | 16 | |
| Exam | | | | 31-Oct | 07-Nov | | 21-Nov | |

Notes:

* Modules 1, 2, 8 & 10 commence on a Sunday

AST reserves the right to cancel courses where there are insufficient candidates

Additional modular courses may be scheduled where there are sufficient candidates

Studying in Perth, Scotland

Perthshire is one of the most attractive and diverse counties in Scotland. From the lush farmland of the south to the rocky rivers and mountains of Highland Perthshire, to its vibrant night life, it has everything to offer.

Perth is located 50 miles north of Edinburgh and enjoys a beautiful position on the banks of Scotland's longest river, the Tay, at 119 miles. We have snow-topped mountains that attract skiers and climbers from all over the UK, fast-flowing rivers for enjoying adventure sports, tranquil lochs for escaping the rush of modern life, vibrant nightlife and an abundance of beautiful forests and gardens.

Perthshire is steeped in history, too. Step inside a Crannog on Loch Tay or visit the former crowning place of Scotland's kings and queens at Scone Palace. Take a boat trip to where Mary Queen of Scots was imprisoned, or visit the spot where King James I met with a dramatic fate in 1437. Modern-day Perthshire is, thankfully, a much more cheerful place to be! When we're not dancing to drums and rousing music, tossing a caber or sampling delicious local cuisine, were celebrating our heritage and culture.





Using the UHI Perth Campus

AST also operates from UHI Perth Campus, so you have access to Study Centre, Student Support & Classrooms.

Within the UHI Perth campus you will have access to the Study Centre, Student Support, Student Counselling, Student Events, IT Suite and Library. There is a refectory which offers a range of different meal options to cater for the many different dietary and cultural beliefs. The refectory area has a shop where you can purchase refreshments, also on campus there is a Costa Coffee and Starbucks. The main campus is home to the Academy of Sport and Wellbeing (ASW), this is a state-of-the-art gymnasium and features the latest equipment. Within the ASW you will also can train on the Climbing and Bouldering Walls. There are many different sports groups within ASW that you can participate in, and there is also a large sports hall which can be hired for football, basketball, badminton and much more. (note: a subscription fee is applicable)

Our History

Founded in 1931 by John Davenport Siddeley, in Hamble, Hampshire, AST has trained over 190,000 Engineers from around 150 countries!

The Aeronautical Engineering College, founded by John Davenport Siddeley opened in 1931 at Hamble in Hampshire. AST operated from Hamble until 1960, when it moved to its current home in Perth, Scotland. During its history, AST has trained over 190,000 engineers and pilots from 150 countries. As you might expect from such a long-standing organisation, AST has an impressive list of famous aviators as Mrs Victor Bruce, the first female pilot to circumnavigate the globe; Amy Johnson, famous for her record breaking flights to Australia and Japan, and Sir Alan Cobham, founder of the famous 'flying circus' and the Cobham Company.

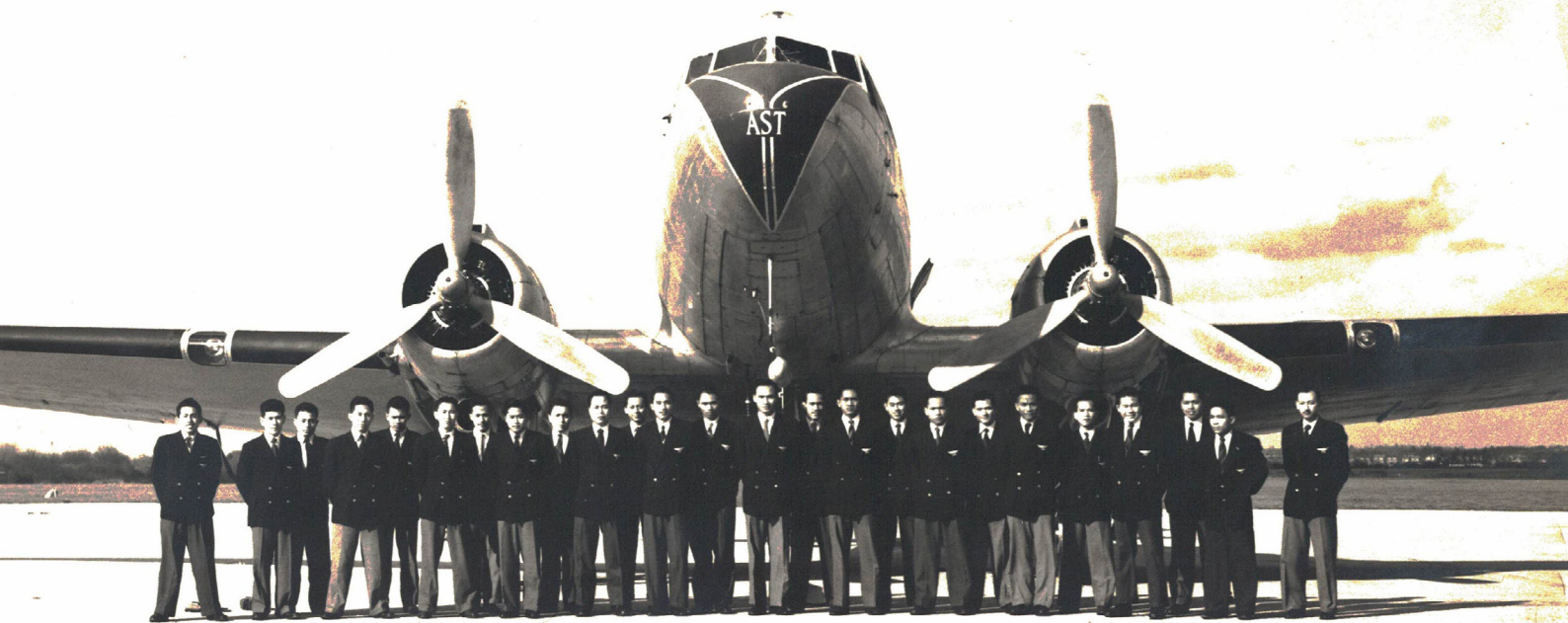
AST was one of the first schools to be approved for JAR-147 to offer the Jar-66 Ab-Initio course. It later gained approval under EASA Part 147 regulations and has provided training and exams for various national and international companies.

Companies you may recognise...

- ACS Flight Training
- Affinity Flight Training Services
- Air Seychelles
- Airtask
- Air Mauritius
- Aurigny Air Services

- Babcock International Group
- Bristow Helicopters Ltd
- British Airways
- Eastern Airways
- EasyJet
- Heliair
- Jet 2
- Joramco
- Kuwait Airways
- Loganair
- Multi-Flight
- NHV Helicopters
- PDG Helicopters Ltd
- Royal Brunei Airlines
- Ryanair





AS A REMEMBRANCE FROM ALL THE
Indonesian Students
HARBE A.S.T. 10 JUNE 1954.



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