



ASIAN AVIATION CENTRE (PVT) LIMITED

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1. About Asian Aviation Centre

1.1 Background

The Asian Aviation Centre (Pvt) Limited (AAC) was registered as a private limited liability company in 1985 to operate as a flying training school providing ab-initio pilot training. In 1990, apart from flying training activities, the AAC commenced a programme of studies to train students in Aircraft Maintenance and to enable them to sit for the examination conducted by the Department of Civil Aviation of Sri Lanka (now the Civil Aviation Authority of Sri Lanka) for the issuance of Aircraft Maintenance Engineer's Licences. In 1995, two distinct schools were created - The Academy of Aeronautical Engineering (AAC Engineering Academy) and the Asian Aerospace College (AAC Flight Academy). The AAC Flight Academy is the premiere flying training school in Sri Lanka based at the Asian Aviation Centre complex at Colombo Airport, Ratmalana Sri Lanka. The ground school activities and the flying training are carried out at the main complex Ratmalana Sri Lanka. The flying school has trained many local and a number of international students from countries such as Germany, United Kingdom, Nigeria, Malaysia, India, Switzerland, Holland, Norway, Singapore, South Africa, Korea, Iran and Maldives, up to Commercial Pilot License with Instrument Rating (CPL/IR) and Multi Engine Rating. It has also successfully provided Basic Flying Training for two groups of cadets from the Sri Lanka Air Force in the years 1998/99.

Similarly, AAC has produced many professionally qualified pilots. Many of them are employed by the national airline and other reputed International Airlines and flying organizations. In parallel to the flying training school, the AAC Engineering Academy is one of the oldest and widely accepted organizations dedicated to provide both academic as well as career oriented courses of studies Aviation Engineering in Sri Lanka. It has introduced several fields of Aeronautics, previously not available in the country, to young aviation enthusiasts. AAC Engineering Academy has special facilities at the Asian Aviation Centre at Colombo Airport, Ratmalana Sri Lanka, which include a general engineering workshop, specialized maintenance workshops, a model room, a wind tunnel, state-of-the art computer laboratory and a specialized technical library. The teaching facilities of the Academy are also housed at the Ratmalana Sri Lanka complex.

In January 1996 the AAC Engineering Academy signed an agreement with one of the most prestigious universities in the UK, the Kingston University, to deliver a degree course in Aerospace Engineering, leading to the award of a BSc / BSc (Hons) in Aerospace Engineering and a Higher National Diploma in Engineering in the same field, in collaboration with the university. The first course was commenced in September 1997. Today, the first and second years of the BSc (Hons) in Aerospace Engineering is delivered by the AAC Engineering Academy in Sri Lanka and students are required to progress to UK to complete the final year of the degree at Kingston University in London.

The aircraft maintenance basic training programme presently offered by AAC Engineering Academy covers the knowledge and practical training component of Aircraft Maintenance Licence in category B 1.2 – Aeroplane Piston and approvals for the delivery of basic training in categories of B 1.1 – Aeroplane Turbine and B 2 – Avionics have been requested from the Civil Aviation Authority of Sri Lanka (CAASL).

AAC has collaborative partnership with Aviation Australia since 2017. Under this partnership, AAC recruits' students for the Diploma of Aircraft Maintenance Engineering (Mechanical) course of Aviation Australia from Sri Lanka and delivers the initial six months of training in Sri Lanka at AAC before the students' progress to Aviation Australia in Brisbane for the remaining training.

AAC has recruited two groups of students to the Diploma course and these students have already transferred to Australia. The third group of students will commence the initial six months training at AAC in April 2019. The Engineering Academy also conducted a programme in the year 2000 to train Aircraft Maintenance Technicians for the Sri Lanka Navy who were expected to join the Aviation Maintenance Branch of the Sri Lanka Navy. Similarly, a course in Avionics and Civil Air Legislation was delivered to Technical Instructors of the Sri Lanka Air Force.

Since 2014, AAC Engineering Academy offers a Bridging Programme in partnership with Kingston University with the objective of providing the students, who have successfully completed Aircraft Maintenance Engineering Basic Training courses and Airline Transport Pilot Licence Ground Training programmes, a pathway to obtain the BSc (Hons) in Aircraft Engineering and BSc (Hons) in Aviation Studies degrees, respectively, through corresponding one year top-up Programmes at Kingston University.

AAC recently entered into a partnership with University of South Wales (USW) to provide the AAC students who have completed the Aircraft Maintenance Engineering B 1.2 course with the opportunity to join the BSc (Hons) in Aircraft Maintenance Engineering Top-up degree programme at USW with the option of completing EASA B 1.1 Module Examinations.

These new programmes will be offered commencing from the next academic year. Presently, more than 120 students are being prepared for academic and professional qualifications in engineering, flying. In its continuous endeavors to enhance the profile of academic and professional programmes in year 2017 AAC introduced Aviation Services. (Attachment 01 -Company profile)

1.2 Philosophy

Asian Aviation Centre Ltd. (AAC) was established with the purpose of establishing a premier educational facility to grant the opportunity for passionate aviators to achieve their dreams. The dearth of a professional academy delivering world class aviation syllabus was identified. The talented and enthusiastic young students of Sri Lanka need to be afforded the opportunity to enter the arena of aviation and other affiliated fields of interest. As an educational facility in Sri Lanka we are not able to take our students to the advanced level in certain subjects and are therefore, the management's intention is to affiliate the academy with institutions that could provide further advanced curriculums.

1.3 Governance

The Chairman and the Managing Director are the Board of Directors of the Asian Aviation Centre (Pvt) Limited and are the main decision makers responsible for the key policy decisions of the company including decisions on strategic direction of the company and its financial viability. The Managing Director, with the team under her are entrusted with the responsibility of implementing the decisions of the Board of Directors and to decide on matters pertaining to day-to-day running of the company. AAC Engineering Academy affairs are managed by the Director Studies, while the AAC Flight Academy is managed by the Head of Training. Director Studies has appointed Course Coordinators for each programme conducted by AAC Engineering Academy who are tasked with coordinating the issues on their programmes. Head of Training of AAC Flight Academy manages the affairs of the academy with the assistance of Chief Theoretical Knowledge Instructor (He himself is the Chief Flight Instructor). AAC Technical Services, the Aircraft Maintenance Organization is headed by the Manager Maintenance. Quality Assurance function of all these units are the responsibility of the Manager Quality Assurance who functions independently and reports directly to the Managing Director. Company's Safety Management function is handled by the Manager Safety who reports to the Managing Director. Marketing and Promotions and Finances are handled by the Head of marketing and Head of Finance, both directly responsible to the Managing Director. Human Resources functions are handled by the Head of HR reporting to the Managing Director.

1.4 Values

- Inculcate Safety Culture and professional ethics.
- Conform to regulatory and statutory framework.
- Create a conducive environment for learner centric development.
- Recognize the values and aspirations of our stake holders.

1.5 Vision

Be a Premier Aviation Academy of National and International repute, empowering students to Global Careers

1.6 Mission

Develop and harness the human talent to cross functional training

Encourage the use of modern technology and techniques to achieve learning objectives

1.7 Faculties and courses

Courses Conducted at AAC

Engineering Academy

- Bachelor's Degree in Science (Hons) in Aerospace Engineering – leading to the award of BSc (Hons) in Aerospace Engineering Degree from the Kingston University, London – UK,
- Aircraft Maintenance Engineering Course – approved by the Director General of Civil Aviation / Civil Aviation Authority of Sri Lanka leading to Aircraft Maintenance Licence in Category of B 1.2 - Aeroplanes Piston,
- AAC Engineering Foundation programme - leading to entry into BSc. (Hons) in Aerospace Engineering Degree,
- AAC Bridging Programme – leading to entry into BSc (Hons) in Aircraft Engineering and BSc (Hons) in Aviation Studies Top-up Programmes, KU ,USW.
- Diploma of Aircraft Maintenance Engineering (Mechanical) Course conducted under an arrangement with Aviation Australia of Brisbane, Australia,
- Basics in Aviation - Holiday Course for aviation enthusiasts.
- Airman Badge for Scouts.

AAC Flight Academy

- Private Pilot Licence (PPL) Course
- Commercial Pilot Licence (CPL) Course,
- Commercial Pilot Licence / Instrument Rating Integrated (CPL I/R) Course,
- Instrument Rating Training Course,
- Assistant Flight Instructor (AFI) Rating Course,
- Airline Transport Pilot Licence (ATPL) Theoretical knowledge Training Course,
- Airline Cabin Crew Certificate Course.

1.8 Facilities

Asian Aviation Centre delivers training under two broad scopes as under the Academy of Aeronautical Engineering (AAC Engineering Academy) and the AAC Flight Academy.

Academy of Aeronautical Engineering

Competent staff adequately qualified to deliver BSc (Hons) Degree in Aerospace Engineering and Aircraft Maintenance Engineering licencing programmes is a key strength of AAC. Not only they are qualified but they possess a wealth of experience from fields both in Commercial Aircraft Operations and Military Operations as well as working / teaching experience in other technical fields. In addition, a list of visiting lecturers is being maintained from Local Universities and Trade Professionals to obtain services as the situation so demands. The staff is competent on delivering lessons through online platforms as well.

Engineering Academy is situated in the premises within Ratmalana Airport having access to the aircraft parking apron / manoeuvring area. All models required for Aviation Engineering is made available as cutaway exhibits. Non-Airworthy aircraft models available within the hangar premises includes AN 24, Seneca Piper and Cessna 152 and Cessna 150. There are different fuselage sections available for hands – on practical work. A fully fledged workshop facility is used by students to obtain basic engineering skills. Avionics and Electrical workshop facilities provide limited practical activities relevant for the ongoing courses. In addition, AAC is having agreements for outside facilities through The Open University, Atomic Energy Authority, Ceylon German Technical Training Institute and Ceylon German Railway Workshop for enhanced technical necessities in specific fields. All classrooms are fitted with Multimedia and Whiteboards to support teaching - Learning process. An updated reference library, IT laboratory and Canteen facility is available to provide the students a better learning environment. Emphasis is made on hygienic controls under the recent Covid - 19 pandemic to ensure wellbeing of all students.

AAC Flight Academy

AAC have the 2 Cessna 152 aircraft and one is equipped with G5 electronic instrument. This aircraft is mainly use for CPL training.

Ground school facilities are almost same as the engineering classes. AAC use the most updated version of the Oxford ground school books for PPL.

CPL students use the tabs for ground school materials.

AAC have the most completed SOP, study guides and other relevant materials for training.

2. What are the expertise/ special about AAC

- Only aviation academy with both flight training and engineering training with an ATO under the same umbrella.
- Longest operating aviation academy in Sri Lanka
- Range of programmes from vocational to degree level
- Offering a package of career guidance and placement assistance
- Exposure to real-life aircraft operating environment within the Colombo Airport
- EASA / CAASL approved instructional staff
- Only institute awarding Bachelor of Science degrees in the Aerospace Engineering field

3. Quality

3.1 Accreditations

Asian Aviation Centre is not an accredited university as per Sydney Protocol or Washington Accord. However, it delivers accredited programmes as a collaborative partner of the Kingston University. It is an approved training organization of the Civil Aviation Authority to deliver Flying Training and Knowledge Training for Aircraft Maintenance Engineering (AME). As per the partnership established with Aviation Australia in 2018, AAC delivered a twining programme to students aspiring to obtain Aircraft Maintenance Engineering Licences through European Aviation Safety Agency. On completion of the knowledge training for the AME students were eligible to enter various Universities to continue with higher studies. Few such arrangements in place at present are,

- Aircraft Engineering BEng (Hons) top-up at Kingston university UK
- BSc (Hons) Aircraft Engineering and Maintenance Systems at South-Wales University UK
- Bachelor of Engineering Technology at CQ University Australia

3.2 Achievements

Flight Training: AAC Flight Academy, the Approved Training Organization (ATO) approved by the Civil Aviation Authority of Sri Lanka (CAASL) has trained many professional pilots, both Sri Lankan and foreign nationals, over the years who are gainfully employed in the national airline, SriLankan Airlines and many other international and domestic airlines. AAC Flight Academy trained two batches of cadet pilots for Sri Lanka Air Force (SLAF) in 1997/98 period when due to operational commitments SLAF could not allocate resources to train cadet pilots.

Engineering and Technical Training : Many AAC Engineering Academy's trainees who have successfully completed the Aircraft Maintenance Engineering course have become Aircraft Maintenance Licence (AML) holders and are employed as Certifying Staff / Support Staff of leading airlines and Maintenance, Repair and Overhaul (MRO) facilities around the world. AAC Engineering Academy conducted a special training programme for Sri Lanka Navy (SLN) technical staff on aircraft maintenance when SLN was planning to establish its naval aviation branch in late 1990/ early 2000s. A good percentage of students who followed the BSc (Hons) in Aerospace Engineering degree programme offered by the AAC Engineering Academy in a collaborative agreement with Kingston University of London, UK, have obtain first classes and many of graduates are attached to leading aviation and manufacturing companies throughout the world.

Aircraft Maintenance : AAC Technical Services, the Aircraft Maintenance organization (AMO) of the company has obtained the CAASL approval as a IS-145 Aircraft Maintenance Organization, empowering the AAC Technical Services to engage in technical maintenance of a wider range of aircraft.

4. Partnerships & Collaborations

4.1 Institutes & Universities



4.2 Subject areas

- Aerospace Engineering
- Aircraft Maintenance Engineering
- Pilot Training

5. Expected collaboration

5.1 What ACC is looking for (the need)

- **Engineering Foundation Programs**

Our research has shown that in Sri Lanka today, that there is a tendency for students to pursue the Engineering Foundation Program as an alternative to the GCE Advanced Level Examination. We already have the facility to start this course in our institute effortlessly. We hope to affiliate this Program with a University and provide a more suitable course for the students.

We are an institution with 35 years of experience and have already identified the need to expand our curriculum. Therefore, we hope to implement the full or partial syllabus in Sri Lanka by partnering with the most suitable University / Universities for the following Courses which we hope to introduce.

Undergraduate Degree - Mechanical Engineering Program

Undergraduate Degree -Manufacturing Engineering Program

- **MSc / PGDip Program in Aviation**

AAC is the only institute which continues to operate for the longest period with the approval of the Civil Aviation Authority of Sri Lanka. AAC has recognized the MSc / PGDip program in Aviation as a suitable Program to be conducted in Sri Lanka. As we deliver similar types of programs at our institute; this program can be easily implemented.

- **Prospective UK University to establish its courses in Sri Lanka**
- In addition to the above courses, AAC hopes to negotiate with prospective universities for constructive business opportunities. **Student recruitment partnership with UK Universities**

AAC aims to provide Visa guidance services for Sri Lankan students pursuing overseas education. Our institution already possesses 25 years of experience in transferring students to Kingston University, UK. We hope to connect with universities and discuss possibilities in perusing this idea.

5.2 What subject area/s

- Engineering-Mechanical/Manufacturing/Automobile/Mechatronics
- Aviation Management

5.3 Level of qualifications

Level 04 to Level 07(England, Wales, and Northern Ireland)

5.4 University ranking/ range expecting

40-132 (The best UK universities 2022 -the guardian)

5.5 What outcomes expected through this collaboration

What we expect from the partnership is ability to provide Sri Lankan students with valuable world class educational opportunities at a reasonable cost.

5.6 How this collaboration will benefit both institutes/partners

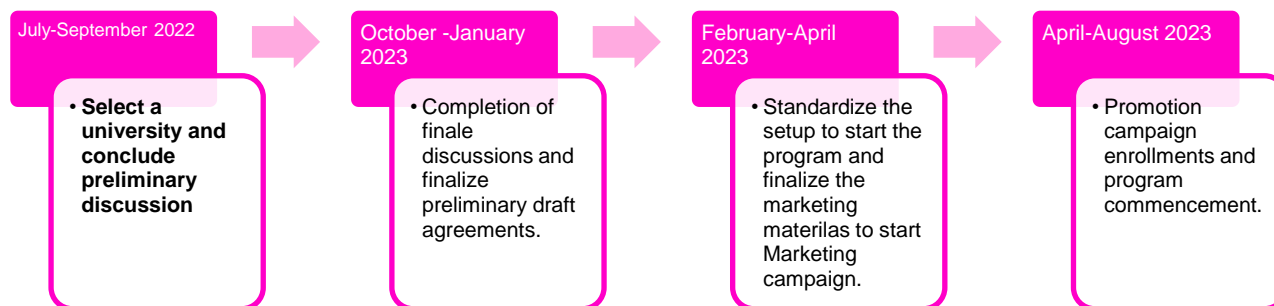
Both Parties/ institutions will have the opportunity to expand their operations with a trustworthy credible & recognized partner that will ensure the long-term benefits to both institutions as well as the students.

6. Contact Information

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7. Next steps & expected timeline/s



8. Important Links

8.1 Website

www.aac.lk

<https://www.facebook.com/asianaviationcentre>

8.2 Brochure

Attachment 02-BSc (Hons) in Aerospace Engineering Degree
Attachment 03-Diploma of Aircraft Maintenance Engineering
Attachment 04-Pilot Training

8.3 Press

<https://www.sundaytimes.lk/130428/education/asian-aviation-centre-pvt-ltd-proudly-wishes-captain-narada-2-42022.html>

<https://www.sundaytimes.lk/190120/education/study-local-go-global-with-aviation-australia-and-asian-aviation-centre-330791.html>

<http://archives.sundayobserver.lk/2006/10/01/pow04.asp>

<https://www.hi.lk/events/Asian-Aviation-Centre-graduation/44-5481>

Study local, go global with Asian Aviation Centre and Aviation Australia (19/09/2018)

<https://www.pressreader.com/sri-lanka/sunday-times-sri-lanka>

Study local, go global with Asian Aviation Centre and Aviation Australia(15/03/2020)

<https://www.sundaytimes.lk/200315/education/study-local-go-global-with-asian-aviation-centre-and-aviation-australia-396214.html>

<https://www.sundaytimes.lk/130407/education/another-young-achiever-reaching-the-skies-from-the-asian-aviation-centre-39696.html> (7/04/13)

<https://www.sundaytimes.lk/190908/education/the-graduation-ceremony-of-the-aac-367099.html>
Sunday, September 08, 2019

<https://www.sundaytimes.lk/190714/education/study-british-aircraft-maintenance-engineering-degree-in-dubai-357893.html> (14/07/19)

<https://www.xtreamyouth.com/events/community/corporate-events/aviation-australia-open-day-2019>

<https://www.sundaytimes.lk/130224/education/asian-aviation-centre-at-the-forefront-of-aerospace-education-in-sri-lanka-33971.html>

<https://www.aviationpros.com/education-training/article/12129015/amt-next-gen-award-asitha-jayasinghe>