

PROSPECTUS

Keilir Aviation Academy
Iceland



Keilir
Aviation Academy



WELCOME TO KEILIR AVIATION ACADEMY

The Keilir Aviation Academy in Iceland offers professional flight training, headed by highly experienced staff of airline pilots and instructors along with excellent affordable housing and brand new Diamond DA20, DA40 and DA42 aircraft.

As a former NATO base in Iceland, Keflavik International Airport (BIKF) has two 3.000m runways and is the Icelandic gateway between Europe and the United States. The international air traffic is an added bonus to the pilot training experience. Excellent airline connections give trainee pilots many daily options on flights from Keflavik to Europe and the United States.

Keilir Aviation Academy was founded and is operated by professionals from the airline industry. Bringing in the experience of our Administrative staff is invaluable when focusing on the training standards required by airlines today.

Keilir Aviation Academy is an approved FTO in accordance with JAR-FCL. We offer flight training for Commercial Pilot License, Instrument Rating Multi Engine Piston Rating and Instrument Rating Instructor Rating (IRI). In addition our students can complete the required theory training for PPL, ATPL and IRI.

*Kári Kárason,
Head of Training*

LOW COST AND HIGH QUALITY

With studio apartment rental rates from as low as 400 EUR per month, including free 24 hour internet service, cable TV, heating, electricity and gym access as well as all essential services on-site, the accommodation is perfectly suited for pilot training. For shorter stays it is possible to rent an apartment for only 2 weeks and the price is 200 EUR respectively. Shorter rentals are not possible.

Low examination and license fees and no landing fees help to make pilot training in Iceland one of the most economical ways to reach your goals in aviation. With 24 hours daylight during summertime, the possibilities for hour building are increased dramatically.

Students at Keilir Aviation Academy

Our graduated students come from all over the world including Iceland, Sweden, Denmark, Norway, Finland, United Kingdom, Germany, Italy, France and the United States of America. Normally approximately 30 students are active on our various flight training courses at any given time.

Students from Keilir graduate with Icelandic Pilot Licenses (JAR-FCL) and may work as pilots on aircraft registered in Europe. In order to fly aircraft registered in other countries the pilot must contact the relevant Aviation Authority to have his license validated. Several pilots have graduated from Keilir and found work with airlines such as Ryanair, Air Atlanta Icelandic and Icelandair. Keilir Aviation Academy's emphasis on Standard Operating Procedures and airline discipline during training gives students the advantage needed to be excel when being selected by the airlines.

AVAILABLE TRAINING PROGRAMS

Keilir Aviation Academy offers professional flight training, headed by highly experienced staff of airline pilots and instructors along with excellent affordable housing and brand new Diamond DA20, DA40 and DA42 aircraft.

Available programs and courses at Keilir Aviation Academy

License Conversion
Private Pilot License
Commercial Pilot License
Instrument Rating

More aviation career options

Keilir Aviation Academy offers other aviation related studies giving you the opportunity to add to your professional career options, namely:

Air Traffic Controller
Flight Instructor
Cabin Crew initial and type rating training for 737/757/767
Director of Flight Operations
Flight Operations Dispatcher
Engineering Training [starting in 2013]

... and more coming soon

Private Pilot License (PPL)

The Private Pilot License course is composed of two parts, the ground school and practical training. Keilir Aviation Academy usually offers two PPL courses each year, in the Spring and in the Fall. The practical element of the Private Pilot course may be completed in conjunction with the ground school or separately. However, for the purpose of efficiency, we do recommend them being taken at the same time.

The minimum flight time to complete the Private Pilot course is 45 hours. It is however targeted to send most students to the final test with 55 - 65 hours. The endorsement of flying an aircraft for the first time as the sole occupant is the first challenge to the PPL student.

The Student Pilot Certificate, or SOLO, is usually achieved within the first 15 hours of training. Once successful, the student is authorized to plan and carry out training flights alone with supervision of the flight instructor. With the first obstacle behind you, you are trusted to safely conduct your own practice flights where you are the captain of the airplane, a truly extraordinary feeling.

Having passed the theoretical and practical test you will be issued a Private Pilot License, an authorization to fly under visual conditions and with passengers anywhere in the country.

Theoretical Subjects:

Communication - COM
Human Performance and Limitations - HPL
Navigation - NAV
Aircraft General Knowledge - AGK
Principles of Flight - PRF
Flight Planning and Performance - FPP
Air Law - LAW
Operational Procedures - OPS
Meteorology - MET

In Numbers

Ground Training: 150 hours in Distance Learning
Flight Training: 45 hours

Course Prices

Low examination and license fees and no landing fees help to make pilot training in Iceland one of the most economical ways to reach your goals in aviation. Please contact us for information regarding course prices.

en.keilir.net/aviation/aviation-academy/prices

Contact Information

Keilir Aviation Academy
Training Administrator
email: training-information@keilir.net
web: en.keilir.net/aviation



Commercial Pilot License (CPL)

The aim of the CPL(A) modular course is to train PPL(A) holders to the level of proficiency necessary for the issue of a CPL(A).

Pre-entry requirements

- Before commencing a CPL(A) modular course a student shall be the holder of a PPL(A) issued in accordance with ICAO Annex 1.
- Before commencing the flight training a student shall have completed 150 hours flight time as a pilot; and have complied with JAR-FCL 1.225 and 1.240 if a multi-engine airplane is to be used on the skill test.
- The student shall demonstrate sufficient knowledge of mathematics and physics to facilitate an understanding of the theoretical knowledge instruction content of the course.

Credits for previous experience

Pilots holding a valid IR(A) shall be fully credited towards the dual instrument instruction time. Pilots holding a valid IR(H) may be credited up to 5 hours of the dual instrument instruction time, in which case at least 5 hours dual instrument instruction time shall be given in an airplane experience.

An applicant for a CPL(A) who is not a graduate from an integrated flying training course shall have completed as a pilot on airplanes having a certificate of airworthiness issued or accepted by a JAA Member State at least 200 hours of flight time. Crediting. From the 200 hours of flight time:

- 30 hours as pilot-in-command holding a PPL(H) on helicopters; or
- 100 hours as pilot-in-command holding a CPL(H) on helicopters; or
- 30 hours as pilot-in-command in touring motor gliders or gliders.

Timescale and hours

Flight training consists of 25 hrs flight instruction (may be reduced). This takes approximately 6 weeks.

Airline Transport Pilot License (ATPL)

Airline Transport Pilot License and is the highest level of aircraft pilot licenses. The ATPL course is designated to train pilots to work in an airline environment. Those certified as Airline Transport Pilots are authorized to act as pilot-in-command of an aircraft in scheduled air carrier service.

Keilir Aviation Academy offers both a distance learning program and a full time ground course at Keilir's headquarters at Ásbrú. Various tests and checks are taken to monitor student progress throughout the course which aids in the learning process. At the end of the course is a final school exam on each subject.

The final school exam is a check to confirm that the student possesses the knowledge required to pass the Civil Aviation Authority exams.

This course provides you with the theoretical knowledge required to work as an airline pilot in Europe.

Theoretical Subjects

Air Law and ATC Procedures
Airframes, Systems and Power Plants
Human Performance and Limitations
Meteorology
Principles of Flight
IFR Communications
VFR Communications
Performance
Flight Planning and Monitoring
General Navigation
Radio Navigation
Operational Procedures

Course Prices

Low examination and license fees and no landing fees help to make pilot training in Iceland one of the most economical ways to reach your goals in aviation. Please contact us for information regarding course prices.

en.keilir.net/aviation/aviation-academy/prices

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License Conversion

A pilot with a valid Commercial Pilot License issued according to ICAO Annex 1, may be entitled to a reduction in the minimum flight hours required (25 hrs). The reduction will depend on Keilir Aviation Academy assessment of the pilot skill and knowledge at the start of training.*

A pilot with a valid Instrument Rating issued according to ICAO Annex 1, may be entitled with a reduction in the minimum flight hours required (50-55 hrs). The reduction will depend on Keilir Aviation Academy assessment of the pilots skill and knowledge at the start of training.*

Number of flight hours

All flight hours depicted are based on normal student progress. If more training hours are needed, this will be paid separately.

- Minimum hours to complete CPL: 5 hrs DA-42 NG
- Minimum hours to complete Multi Engine Piston rating: 3 hrs DA-42 NG
- Minimum hours to complete Multi Engine Instrument rating: 10 hrs DA-40 (single engine) and 5 hrs DA-40 (multi engine)

** Pilots holding CPL licenses issued by the UK CAA will be required to fulfill the requirements of LASORS (15 hrs, whereof 5 shall be on a multi engine aircraft and 10 may be in a flight training device).*

Instrument Rating

Single Engine Instrument Rating training is set up in the following manner:

- 5 hours ALSIM200 FNPTII
- 45 hours DA-40D G-1000
- Skill Test

For students wishing to obtain multi-engine Instrument Rating the following courses are offered:

A - No previous Instrument Rating

- 5 hours ALSIM200 FNPTII
- 50 hours DA-42NG G-1000 and Synthetic Vision System
- Skill Test

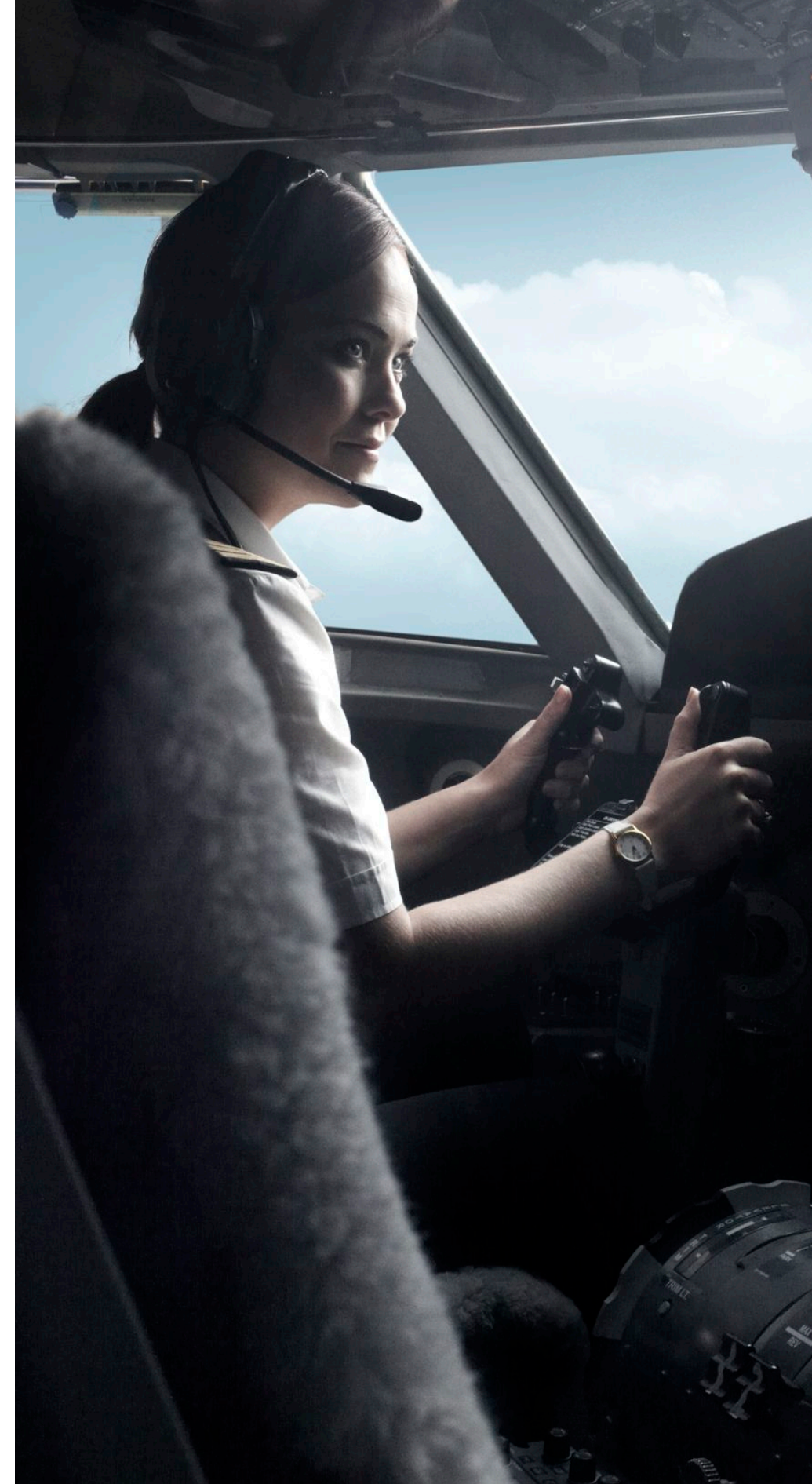
B - For pilots holding SE IR

- 6 hours DA-42NG MEP Course
- 5 hours DA-42NG ME IR Course
- Skill Test (MEP + IR)

The DA-42NG is equipped with GFC700 Integrated Digital Autopilot including Yaw Damper. The aircraft is certified for flight into known icing conditions and has cruise speeds of up to 180 kts.

IR(A) Modular Course

The aim of the IR(A) modular flying training course is to train pilots to the level of proficiency necessary to operate airplanes under IFR and in IMC according to ICAO PANS-OPS Document 8168.



Air Traffic Controller

The Air Traffic Controller course at Keilir Aviation Academy is exciting and very rewarding. It prepares students for a career as an Air Traffic Controller.

Air Traffic Controllers work in control towers and air traffic control centers. Their role consists controlling the flow of air traffic, communicating with pilots and to ensure aircraft safety. Communication with pilots consists of relaying information, issuing clearances and to guarantee separation between aircraft in the air and on the ground.

During the initial course the student will acquire the skills to handle complex and dense air traffic situations and it prepares the student for the next stage of training.

Air Traffic Control courses at Keilir Aviation Academy consist of:

- Basic/Initial Course
- Aerodrome Control Instrument Rating with Tower Endorsement (ADI/TWR)
- Approach Control Procedural (APP)
- Approach Control Surveillance (ACS)

Basic Course Syllabus

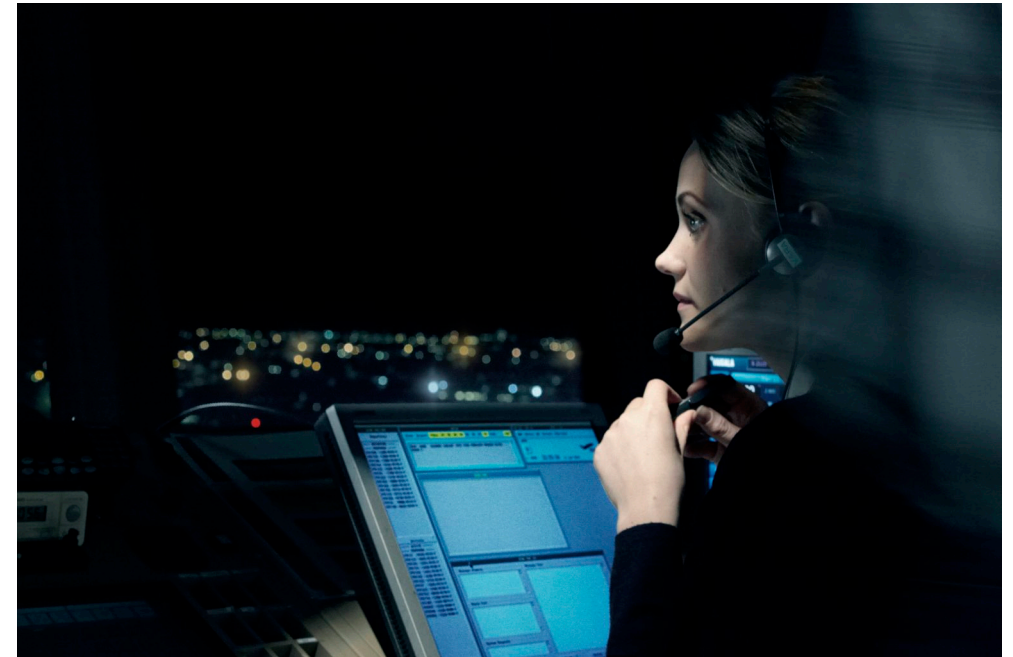
Introduction
Aviation Law
Air Traffic Management
Meteorology
Navigation
Aircraft
Human Factors
Equipment and Systems
Professional Environment

APP/ACS Syllabus

Introduction
Aviation Law
Air Traffic Management
Meteorology
Navigation
Aircraft
Human Factors
Equipment and Systems
Professional Environment
Unusual/Degraded/Emergency Situations
Aerodromes

Contact Information

Keilir Aviation Academy
Air Traffic Control
email: aircontrol@keilir.net
web: en.keilir.net/aviation



**Keflavik
International
Airport**



**Aviation
Academy
Operations**



**Keilir
Campus**



AIRCRAFT FLEET

The Keilir fleet is the most innovative available in modern flight instruction. In 2008, Keilir signed a purchase contract with Diamond Aircraft Industries on the purchase of five aircraft, two DA-20-C1, two DA-40TDI and one DA-42TDI. All aircraft are fully operational.

DA 20 - C1 Eclipse

DA-20 Eclipse Two seats for training and a 125 horsepower engine that uses 22 liters / 5,8 gallons of fuel per hour makes the DA-20-C1 a very economical, simple and suitable trainer. The U.S. Air Force uses this type for its pilots for initial flight training. The Eclipse is an excellent aircraft where the controls and cockpit are designed to harmonize the "cooperation" of man and machine. Superb visibility and great performance make each and every flight something to look forward to.

DA-40 TDI

The DA-40 is equipped with the same Garmin G1000 avionics as the DA-42 giving the student more advantage when transitioning from the single engine to the twin engine aircraft as less time is spent on the avionics. This gives the student more time to focus on the aircraft itself. The engines on the DA-40 and the DA-42 are made by Thielert, TAE-125-02, 2.0 L turbo-diesel inter-cooled aircraft engines.

DA-42 NG - with Synthetic Vision System

The DA-42 has four seats for training and private and/or business flying. Two 167 horsepower engines with a jet fuel consumption of only 23 liters / 5.9 gallons per engine per hour at 70% power. The ONLY training aircraft in this category that is certified for flight into known icing conditions. A very important factor when training in the Icelandic meteorological environment.



STUDENT HOUSING AND KEILIR CAMPUS

Keilir - Atlantic Center of Excellence manages the Ásbrú Campus, the largest student campus in Iceland. Our role is to offer students both at Keilir and other universities in Iceland, with convenient and well-placed housing at unparalleled prices.

The housing ranges from studio to five bedroom apartments. All rooms and apartments have wireless Internet connection and most of them have free access to an in house gym or fitness center. Student housing is conveniently located close to the Keilir main building which houses classrooms, administration and offices as well as to Keilir Aviation Academy training facilities and airport.

The campus is situated 40 minutes from Reykjavik capitol area and 5 minutes from Keflavik international airport. There are seven daily departures between Reykjavik and the campus, which is free of charge for all students at Keilir.

Individual Apartments at Keilir Campus

Fully furnished individual rooms on the Keilir Campus with access to a fully equipped kitchen, gym facilities, wireless Internet and within walking distance from both the Keilir main school building, the Keilir Aviation Academy training facilities and aircraft hangars.

Rooms at Bed & Breakfast

Located next to Keflavik International Airport Bed & Breakfast offers quality accommodation in proximity to both the airport and Keilir. The guesthouse is on the Reykjanes Peninsula and offers a range of large and comfortable rooms, as well as access to gym and fully equipped kitchen.

Apartments at Keilir Campus

We offer a range of larger apartments, suited for groups of people or families, staying for a longer time in Iceland. Please contact us for the most suitable option for you during your stay in Iceland.

Information

For more information please visit <http://en.keilir.net/campus>



KEILIR - ATLANTIC CENTER OF EXCELLENCE



Keilir Atlantic Center of Excellence was founded in the spring of 2007 and the name symbolizes Iceland's position in the globalized world; with the goals of the institute being to build up knowledge, teaching and research at a university level within the international academic community.

Keilir, Atlantic Center of Excellence is building up an educational community *Ásbrú* and is a leader in rewriting the possibilities for Icelandic education through innovative approaches in bringing together businesses and academia, knowledge and finance on international base. The purpose of Keilir is to create and disseminate knowledge in an active partnership with domestic and international schools, companies and other economic partners. The school is positioned at the center of a unique technology park located at *Ásbrú* - the site of the former U.S. Naval Air Station Keflavik. The park brings together an international university level program, leading businesses and start-ups in close vicinity to Keflavik International Airport.

Values that guide Keilir, Atlantic Center of Excellence are: research and development, quality, results, knowledge and profits supported by the local community, Icelandic economy, Icelandic society, owners, students and staff. Keilir's main international focus is on two schools: School of Energy and technology and an Aviation Academy.

Convenient location on the Reykjanes Peninsula

There are great opportunities tied to Keilir's location so close to Keflavik Airport and the large vessel harbor at Helguvík. Most major airports in Europe are crowded and have very limited room to expand. At *Ásbrú* there are, however, vast tracts of unused land which can be developed for transport related operations. Thus the central position between the three continents, Europe, North America, and Asia, can be put to good use.



ÁSBRÚ ENTERPRISE PARK

Students and their families create the growing community at Ásbrú (where Keilir is located) along with the diverse operation of growth companies and entrepreneurs in Eldey and the multiple operation of business in the area.

Living in Ásbrú

Almost 1.800 people live at Ásbrú, mainly students and their families. Close to eighty companies are located at Ásbrú, mainly entrepreneurs, designers and smaller companies, but also global corporations attracted by convenient location, clean energy, inexpensive electricity cost and Iceland's reputation for renewable energy utilization and research.

The Ásbrú Campus community is well suited for individuals as well as families. Onsite there is an elementary school, play school, good facilities for outdoor activities, playgrounds for the children and open places for barbecue. There is an excellent restaurant on Campus, hair salon, bars and a coffee-house is within reach. All other services are close by in Reykjanesbær where you can access shopping centers, restaurants, bars, shops and other services as well as athletic facilities and other entertainment for children and adults.

Across the street from Keilir you can find a fully equipped sports facility including a weight lifting room, warm up room, basketball court, soccer court, ballet room, squash courts, men's and women's locker rooms and sauna.

Ásbrú is located in Reykjanesbær, only 30 minutes drive from the Reykjavik capitol. Reykjanesbær is the fifth largest municipality in Iceland with a population of almost 14.000 inhabitants. It is also conveniently located next to Keflavik International Airport, the best airport in Europe according to the 2009 Airports Council International passenger quality survey.

Information

For more information please visit <http://www.asbru.is>





CONTACT INFORMATION

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