

Name: John Doe

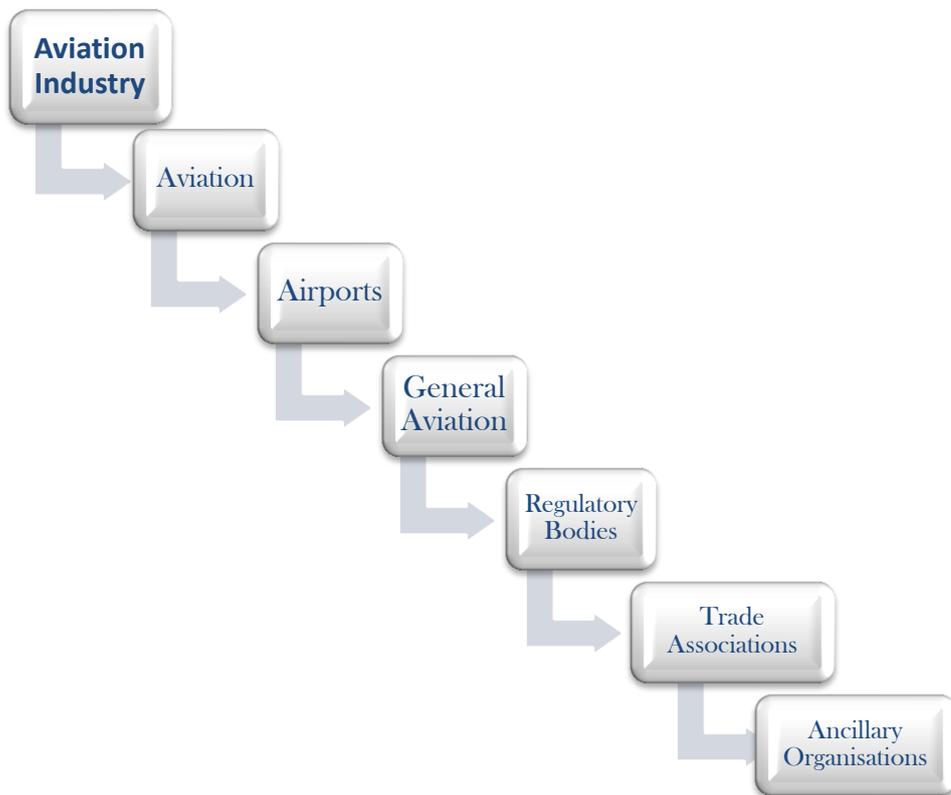
Unit 1: Aviation in the UK industry

Cohort: 2016

Investigation/Report

**LO 4: Understand the contribution of general aviation operations to the UK aviation industry**

**P7: Explain how general aviation organizations operate.**



**Figure 1 How General Aviation Organisations Operate**

**General Aviation Organisations**

There are a lot of reasons how general aviation (GA) operate in the aviation industry. Aviation is a “design, development, production, operation use of aircraft” (Dictionary.com, 2016). While others may talk about aviation being the use of aircraft and so on, general aviation does not includes the use of aircraft, Iaopa.eu (2016) defines general aviation as all aviation operations that are not considered to be operated by airlines or the military. Iaopa.eu (2016) states that general aviation is often misunderstood in public, media, politics as “aviation in general”.

Aviation is a large industry which involves aircrafts, airstrips, management and control centres etc. Types of general aviation organisations are aircraft operators, airfield operators and management and control. An aircraft operator is a person who is involved in the civil transportation, by aircrafts or

military aircrafts for civilian purposes whether private or government (Defined Term, n.d.). In this industry there are many types of aircraft operators such as; flight schools, flying clubs, executive transport, air taxi, and oil support services. Caa.co.uk (2015) states that all aircraft, airfield operators and management and control centres need to obtain a license from the CAA in order to be operative and that they have two (2) types of licenses (Type A and Type B). Flying school and clubs teaches people how to fly. A Flying school is a school where students are taught to fly airplanes (TheFreeDictionary.com, 2016). They allow people of all ages to train and become a pilot whether for recreational purposes or who want to fly commercial aircrafts. Most of them are owned and operated by private personnel. A flying club is a non-commercial organization created to promote and develop flying skills with the tenacity of providing members with aircrafts for recreational and personal purposes (Fly-fyj.com, 2004). All aircraft operators work together to make the industry safe and secure for everyone. Executive transports work with airports, they provides transport services for person who used the airport. Most executive transportation service companies offer “limousine minicabs with multilingual drivers and guides, chauffeur-driven service, taxi service from nice airport and Cannes (private jets) airport” (Executive-transport-service.com, n.d.).

Study.com (2016), note that Airfield operators inspect all areas of the airport including the runways, fuel storage for/in compliance with airport and Federal Aviation Administration safety regulations. They also ensure that the air traffic control, parking areas of the airport are safe and they also coordinate arrivals and departure of aircrafts. Airfield operators are employed by public and private airports and their duty is to ensure airport environments are safe and secure.

According to Bls.gov (n.d.) air traffic controller coordinate air traffic movements which safeguard plane from crashing into each other. The task of ensuring safe operations of commercial and private aircraft falls on air traffic controllers. They must organize the activities of thousands of aircraft, by keeping them at safe distances away each other, direct them for the duration of takeoff and landing from airports to airports, direct them around bad weather and ensure that traffic flows smoothly with insignificant delays (Bls.gov n.d.).

### **M3: Analyze the role of three different types of general aviation organizations, highlighting their links with other aviation sectors.**

- The federal government has responsibilities for air traffic control however Obligation can be comprehensive to the federal government for the inattention of its air traffic controllers. The **Federal Aviation Administration** (FAA) governs air commerce. (TheFreeDictionary.com, 2016).
- TheFreeDictionary.com (2016) States that manufactures, pilots and other aircraft operators have duties and responsibilities in the operation of airports.
- An airport operator is an organization in charge of direction and management of airports and they see aviation as a powerful force in this contemporary world (Wilding, n.d.).

A Flying school is a school where students are taught to fly airplanes (TheFreeDictionary.com, 2016). Flying Time Aviation (FTA) is a General Aviation Organization flight school which is located in Brighton, UK. FTA accommodates students to pursue their career to become commercial airline pilots. Its operation is base at the Brighton City Airport and it is the first national flying school in the UK (Fta-global.com, 2014). The Brighton Airport is used for private and executive jet, short passenger flights and is also used for small freight aircrafts. The flight school has four (4) aircrafts used by students and the type of aircraft manufactures are Diamond Star EFIS, Piper PA28, Diamond Star DA40 and the Diamond Twin Star. The Diamond Star DA40 conventional is a light aircraft in

operation having four seats and with its single engine it is use to train students. All flight schools have to be registered and approved with the Civil Aviation Authority and they have to follow their rules. Flying Time Aviation is accredited by European security safety Agency (EASA), Civil Aviation Authority (CAA) and the British Accreditation Council (BAC). Flying Time Aviation is responsible for training students to become a commercial pilot.

NATS is an air traffic control in the UK. Their duty are to control air traffic ensuring aircrafts are safe when in the air. "NATS is a public private partnership between the Airline Group that offers services to airports, airspace, engineering, and more. In the airports they invent ATC and airport optimisation services. They state that, the essential role in the growth of UK air traffic has allowed them to create a proven range of products and services. These have helped clients worldwide lifting their performances in many areas, giving them a distinct commercial advantage (NATS, 2016).

Airport operators must have engineers, plumbers, carpenters, electricians, equipment operators, labourers, administrators, and others. They will carry out whatever responsibility they need to do. (Wilding, n.d.).

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There are a lot of reasons how general aviation (GA) operate in the aviation industry. Aviation is a "design, development, production, operation use of aircraft" (Dictionary.com, 2016). While others may talk about aviation being the use of aircraft and so on, general aviation does not includes the use of aircraft, laopo (2016) defines general aviation as all aviation operations that are not considered to be operated by airlines or the military. laopa.eu (2016) states that general aviation is often misunderstood in public, media, politics as "aviation in general". Aviation is a large industry which involves aircrafts, airstrips, management and control centres etc. Types of general aviation organisations are aircraft operators, airfield operators and management and control. An aircraft operator is a person who is involved in the civil transportation, by aircrafts or military aircrafts for civilian purposes whether private or government (Defined Term, n.d.). In this industry there are many types of aircraft operators such as; flight schools, flying clubs, executive transport, air taxi, and oil support services. Caa.co.uk (2015) states that all aircraft, airfield

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### Plagiarism Scan Report

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Report Genrated Date	03 Jan, 2017
Plagiarism Status	100% Unique
Total Words	426
Total Characters	2808
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