



Civil Aviation Authority – DofE Skill Activity Logbook

Aviation Introduction

Participant name: _____

Participant age: _____

eDofE ID: _____

DofE Level (Bronze, Silver, Gold): _____

Start Date: _____



DURATION
3 months



MATERIAL REQUIRED

Pen and paper (optional), video recording device

The Duke of Edinburgh's Award Aviation Introduction

Thank you for choosing the Aviation introductions course through the UK Civil Aviation Authority. We are passionate about on sharing our knowledge with the next generation of talent to enter the aviation industry and giving you the opportunity to learn a new talent. This course will contain key skills such as the UK Civil Aviation Authority and how to spell your name using the Phonetic Alphabet which is used around the world.

The below is a series of signposts of work that can be undertaken in any order. Each activity should last a minimum of one hour per week for the minimum time suggested. This course is designed for Bronze level award lasting 3 months (13 weeks), and can also be used to combine to achieve Silver and Gold awards.

After completion of the course please confirm you have done so by emailing dofe@caa.co.uk with your eDofE ID so we can process your skills award.

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You may fill the sheet digitally, or handwrite answers before scanning them for submission.

1

Civil Aviation Authority 1

Research the Civil Aviation Authority (CAA).
What role do the CAA have in the aviation industry.

2

Civil Aviation Authority 2

Select and research 5 different job roles
on the STEM website.

[STEM | Types of career - STEM \(caa.co.uk\)](https://www.caa.co.uk/STEM/Types-of-career)

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3

NATO Phonetic Alphabet

Learn the NATO phonetic alphabet and learn to spell your name using phonetics.

[Phonetic Alphabet | The NATO Phonetic Alphabet For Teaching - Bing video](#)

Using the NATO phonetics, type out your name and / or record either a video or a sound clip saying your name.

4

Morse Code Part 1

Investigate the origin of morse code and the morse code alphabet.

5

Morse Code Part 2

Using morse code, learn to code your full name

[Morse Code Translator | Morse Decoder](#)

You may fill the sheet digitally, or handwrite answers before scanning them for submission.

6

Licensed Aerodromes 1

Research and list the two types of licenses issued to an Aerodrome by the UK Civil Aviation Authority (CAA).

7

Licensed Aerodromes 2

From the research undertaken for Licensed Aerodrome 1, provide a summary of the difference between the two types of licenses.

You may fill the sheet digitally, or handwrite answers before scanning them for submission.

8

Licensing and Cost

Explore how to become a glider pilot.

Note: think about cost, licensing time.

9

10

Gliding Sites

Research the total number of gliding sites within the UK. Provide a summary of how many sites there are and how they may be marked on an aeronautical chart. Research how glider sites are notified to other aviation user.

Note: are all gliding sites civil?

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11

CO₂ Emissions

In 2019, what percentage of CO₂ emissions did domestic and international aviation account for?

12

Non-CO₂ Emissions

What are the definitions of CO₂, NO_x and contrails?

13

Hydrogen

What is hydrogen?

Congratulations on completing the logbook!