

Utilise Aeronautical Information to create electronic, digital and paper charts, books, and datasets, used across Defence to deliver Air Power.

KEY POINTS

- Analyse and validate worldwide aeronautical safety of navigation data critical to Flight Safety across Defence.
- Generate a broad range of products that directly support global operations.
- Use cutting edge development tools to create and develop new products, applications and ways of working.

TRADE OVERVIEW

Your role could be processing digital mapping for use in frontline aircraft cockpit displays and mission planning systems, or updating charts that guide our aircrew safely through take-off, transit and landing. Additionally, you could be updating charts that detail obstructions, such as buildings and powerlines, that enable fast jets and helicopters to navigate safely at low level, or creating charts depicting airways over countries around the world used by transport aircraft to carry troops to the front line. The majority of Air Cartographers are based at No 1 Aeronautical Information Documents Unit (No 1 AIDU), RAF Northolt, West London, with opportunities to deploy on operations and exercises throughout the UK and abroad.

TRANSFERABLE SKILLS:

Working to industry standards No 1 AIDU uses commercial Desktop Publishing and Geographic Information System (GIS) software, alongside in-house developed applications and tools; as a result your skills and qualifications will be highly regarded and easily transferable.

RECRUIT TRAINING

Your career will start with a 10-week Basic Recruit Training Course at RAF Halton in Buckinghamshire. The course is designed to help you adjust to a military environment. As well as fitness and military training, you will also learn about the RAF lifestyle.

SPECIALIST TRAINING

The next step is an 8-week Basic Trade Training course at the School of Air Cartography, RAF Northolt. This course comprises of modular lessons, covering the foundation theory elements of the trade, including Aeronautical Information, Geodesy and Map Science. Students then train with some of the software systems that Air Cartographers are required to master to create aeronautical products. Learning takes place in a classroom environment and is complimented with field trips, practical and team-building exercises. After graduation, you will then receive further on the job training in your specialist role.

ADDITIONAL QUALIFICATION OPPORTUNITIES

No 1 AIDU works closely with the Defence Awarding Organisation (DAO), to accredit courses and after successful completion of Basic Trade Training, you will gain a DAO Level 4 Certificate in Aeronautical Cartography (QCF).

REWARDS FROM RAF LIFE

- Competitive pay and pension
- Training and lifelong learning
- Six weeks paid leave and public holidays
- Free medical and dental care
- Subsidised food and accommodation
- Free gym and sports facilities
- Adventurous training opportunities

REGULAR ENTRY REQUIREMENTS

Air Cartographer

Age: 16-47*

*Must attest before 48th birthday. (If you are under 18 years of age, you will need consent from a parent or guardian before you apply however you may commence your application from 15 years and 9 months).

Qualifications:

You need GCSEs at a minimum Grade C (Grade 4 to 5 with effect from Aug 17) or equivalent, or SCE Standard Grades at Grade 2/Scottish National 5 (Grade A – C), in English language and Mathematics.

Pay: Visit

<https://www.raf.mod.uk/recruitment/roles/roles-finder/air-operations-support/air-cartographer>

ONGOING TRAINING/DEVELOPMENT OPPORTUNITIES

With a dedicated training department, No 1 AIDU is committed to providing Air Cartographers with opportunities in both professional and personal development. Throughout your career you will gain additional competencies across a range of specialist areas. You can attain qualifications in Geospatial Analysis, Desktop Publishing, Programming Languages and Web Development. You can develop skills in areas such as leadership, management, coaching, mentoring.

YOUR FIRST TOUR

You could maintain a catalogue of enroute charts that facilitate the safe transit of aircraft around the world. You may be required to update the aeronautical information database with worldwide flight safety critical data you have analysed. You will create products to enable safe low-flying training and operations in the UK. Whichever way, no MOD aircraft will fly without the vital information you provide in support of Defence aviation.

YOUR FUTURE CAREER PROSPECTS AND PROGRESSION:

After completing 1 years total service, you will be eligible for promotion to Senior Aircraftsman, providing you pass Basic Trade Training and a Trade Ability Test. Further promotion to the rank of Corporal and beyond is by competitive selection. Progressive promotion courses, specialising in leadership and management are delivered at the Airman's Command Squadron, RAF Halton and are accredited by the Chartered Management Institute.

Selection: You will be assessed on physical fitness and medical eligibility. Additionally, you will be required to complete the Airmen's Selection Test at your local AFCO to the Air Cartography standard.

Residency: Whether or not you were born in the United Kingdom, you should have resided there for the 5 years immediately preceding your application but candidates with a minimum of 3 years will be considered.

Nationality: You must be a citizen of the United Kingdom or the Republic of Ireland, holder of dual UK/other nationality or have been a Commonwealth citizen since birth.

A Modern Force: The RAF recognises the value of a person's ability no matter their ethnicity, social background, religion or belief, gender identity, sexual orientation or marital status/civil partnership.

Register your interest in this role:

Online:

<https://www.raf.mod.uk/recruitment/roles/roles-finder/air-operations-support/air-cartographer>

or

Telephone: 0345 605 5555

This information was last updated in 03 Aug 21, but may have changed since. If you have any queries, please check with RAF Staff at any Armed Forces Careers Office.

Search online for other trades both Regular and Reserve
<https://www.raf.mod.uk/recruitment>



**NO
ORDINARY
JOB**