

RAF Electrician (Reserve) Engineering

Maintain and repair the wide and diverse range of electrical equipment used on RAF bases.

KEY POINTS

- Producing engineering excellence on specialised airfield support equipment for RAF missions
- Travel the world helping support all RAF operations in peace and war
- Maintaining state-of-the-art equipment from aircraft hydraulic rigs to specialist vehicles.

The RAF's name for our Electricians is 'General Technician Electrical' (Gen Tech E). They are specialist electrical technicians that repair and maintain the wide and diverse range of electrical equipment that we use in support of our aircraft and people across the UK, at deployed operating bases, or within specialist facilities; this is essential work that ensures that our aircraft can take-off and complete their important missions.

You can work on a huge range of equipment, including: power generators, air conditioning units, medical and dental specialist equipment, X-ray security machines and vehicle electrical systems. You will operate in specialist engineering workshops and facilities, where you will carry out equipment servicing, investigate faults and make repairs as necessary using technically advanced test equipment; your expertise could also be called upon to install temporary electrical-installations into mobile Forward Operating Bases, which is another vital role of this Specialisation.

Like Regular RAF personnel, Reservists can be mobilised on expeditionary operations. These mobilisations can vary in length and can be a deployment to a UK, overseas or temporary base, plus another 6 months for pre-deployment training and post-deployment relaxation. During your deployment you could be travelling with your unit, filling-in for another member of the RAF, or working alongside Regulars and Reserves from other Services. You could be part of a small team dedicated to a particular task, or a large-scale disaster relief mission.

Profession

The specialisation of General Technician (Electrical) is part of the Engineering Profession within the RAF, which also includes General Technician (Mechanical). Professions in the RAF are distinct areas of defence expertise where common skills and attributes are required to deliver on demand. Service Personnel may be employed within any of the specialisations in their Profession depending on their aptitude, qualifications, career aspirations and the Service need.

Recruit Training

Your training will start with a Basic Recruit Training Course (BRTC) consisting of 4 weekends at your chosen Royal Air Force Reserve Squadron, followed by a 15-day residential training course at RAF Halton in Buckinghamshire. This training course will prepare you for Service life in one of the most respected military forces in the world; it is also designed to help you tune into the military environment and way of life. As well as military training, you will learn about the core values, code of conduct and history of the RAF, as well as its unique lifestyle.

RESERVES ENTRY REQUIREMENTS

General Technician (Electrical)

Age: 18-54 (Must attest before 55th birthday)

Qualifications:

GCSEs at Grade C or equivalent in English Language, Mathematics and an approved Science/Technology-based subject (**Grade 4 to 5 WEF Aug 17**), or SCE Standard Grades at Grade 2/Scottish National 5 in English, Mathematics and an approved Science/Technology-based subject.

Level 3 Qualification in an Electrical Engineering discipline with relevant experience.

(If you do not hold a qualification in an approved Science or Technology-based subject, you can still apply as a qualified General Technician Electrical provided you have the required Level 3 in Electrical Engineering, English Language and Mathematics grades.)

Further information and advice is available from your local Armed Forces Careers Office (AFCO) or Royal Air Force Reserve Squadron.

Specialist Training

The next step is a specialist training course (Basic Trade Training (BTT)) at RAF Benson in Oxfordshire, which lasts for one week. The course is designed to convert you from your current role, possibly as a civilian electrician, to a military electrician. Following your BTT you will be required to complete the 'Electrical Inspection and Testing within a Military Environment' course; further training and practical experience, combined with the completion of a workbook, will fully qualify you in the specialisation of Gen Tech E.

Additional Training Opportunities

Once mobilised, during pre-deployment training you will receive the necessary instruction in order to fulfil the requirements of the position that you will be holding.

Ongoing Training/Development Opportunities

As your service progresses, we will continue to train you in new skills, and you will develop fault diagnosis techniques. You may be mobilised into specialist areas, such as Tactical Supply or the Expeditionary Airfield Squadron, where you will provide electrical engineering support both in the UK and abroad; you could also have opportunities for management and leadership training. The qualifications and experience you will gain as a RAF Reservist may be used to meet the joining criteria for relevant civilian professional associations.

Your Future Career Prospects and Progression

You will initially join the Royal Air Force Reserves for a period of 12 years, with a minimum commitment of 27 days per year. Each year's training includes a 2-week (15 day) block for general RAF training, and at least 6 weekends (12 days) for additional training, specialisation training, or training exercises.

After completing one year's service, you will be eligible for promotion to Leading Aircraftman, providing that your BTT has commenced. The rank of Senior Aircraftman (SAC) can be achieved at the 2-year point; further promotion to the rank Corporal and beyond is by competitive selection. As you gain experience and complete your Specialisation Training, you will achieve 'Technician' status. As you advance through the ranks, you will have the increased opportunity to lead and direct people, managing resources and manpower to deliver the required outputs whilst maintaining and instilling the highest standards expected within the Royal Air Force.

Transferable Skills

The experience and skill-sets that you develop as a specialist Electrical Technician are recognised and are as highly-regarded in civilian industry as they are in the RAF; if you decide to further your career outside the Royal Air Force Reserves, your skills should mean that you are better placed to find employment.

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:

Personnel who wish to be considered for entry into the Royal Air Force Reserves must be British at the time of their application (including candidates who have naturalised, as well as those British by birth). Applications will also be considered from candidates who are Commonwealth, Irish, British Protected or dual national (British/other) from birth. In certain Specialisations there may also be appointments that are not open to non-British nationals on security grounds, and such individuals may need to formally acknowledge that should they not naturalise as a British citizen their deployability could be constrained, potentially inhibiting their career progression and the opportunities available to them.

Pay: For current information visit:

<https://www.raf.mod.uk/recruitment/roles/roles-finder/technical-and-engineering/electrician>

Selection:

A CV will be requested as part of the Selection Process. You will be required to successfully complete a Selection Interview, Medical Assessment and a Pre-Joining Fitness Test.

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/technical-and-engineering/electrician>

Or

Telephone: **0345 606 9069**

This information was last updated on 01 Oct 21 but may have changed since. If you have any queries, please check with RAF staff at any Armed Forces Careers Office or RAF Reserve Squadron.

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



**NO
ORDINARY
JOB**