RAF Centre of Aviation Medicine (RAF CAM) was founded on 1 December 1998 from the amalgamation of the School of Aviation Medicine at Farnborough and the Aviation Medicine Training Centre at RAF North Luffenham. RAF CAM expanded in 2000 when the RAF Medical Boards moved from the Station Medical Centre at Henlow to the RAF CAM site and came under command and control of RAF CAM. In June 2000 the RAF Institute of Health moved from RAF Halton to RAF CAM.

RAF CAM currently consists of 3 Wings: Aviation Medicine Wing, Occupational and Environmental Medicine Wing and Support Wing. The various component sections of these 3 Wings are set out below.

**Aviation Medicine Wing** conducts the evaluation and testing of new aircrew clothing and equipment, modification of equipment and the evaluation of mid-life upgrades; accident investigation, which involves medical aspects of aircrew injuries, the evaluation of aircrew survival aids, ejection seats, parachutes, helmets and aircrew clothing. They also have 3 psychologists who look a the Human Factors involved in air accidents. The training section teaches aviation medicine topics to both aircrew and medical officers, while the aviation physiology section carries out operationally focused research, some of which is carried out in conjunction with King’s College, London. The Aviation Medicine Flight is based at Boscombe Down, where 2 Hawk aircraft are equipped for medical support and specialist training of aircrew; this flight also carries out operational research and development of specialist aircrew equipment. The Aviation Medicine Wing also carries out CBRN training for aircrew under the aegis of a RAF Regiment Officer.

**The Occupational and Environmental Medicine Wing** incorporates occupational medicine, environmental health and occupational medicine. It also includes the noise and vibration division who provide specialist scientific support to all aspects of noise and vibration within the RAF and MOD. The Medical Board is also within this Wing and is responsible for approving and affecting both Temporary and permanent changes to all RAF personnel employment standards.

**Support Wing** provide the administrative support to the whole of RAF CAM, it also administers and controls the Tissue Reference Sample database which holds TRS samples for Royal Navy, Army and Royal Air Force personnel as well as other entitled personnel.

RAF CAM has 4 Hypobaric chambers, 2 Spatial Disorientation Simulator trainers, 2 Scenario Based Hypoxia Trainers, a night vision laboratory and other specialist equipment.