

BTEC in Aviation Studies – Training Record for First Class Cadet

Cadet's NameSq/DF.....

Training has been undertaken and assessment criteria met

Signed (Trg Off or OC).....Name.....Date.....

Airmanship (BTEC Unit 1)				
Learning Outcomes		Assessment Criteria		Completed
1	Know the important features of an airfield	a	Use correct terminology to describe the layout of an airfield	
		b	Identify runway markings and numbering	
		c	Describe the types of aircraft holding areas	
		d	Identify airfield arrangements for aircraft manoeuvring	
		e	Identify potential airfield hazards and precautions	
2	Know the types and features of aircraft used for air experience flights and gliding	a	Describe the key features of one type of training aircraft	
		b	Identify the flight instruments and controls for one type of training aircraft	

Handling, Cleaning and Firing the Rifle (BTEC Unit 2)				
Learning Outcomes		Assessment Criteria		Completed
3	Be able to safely handle and prepare a rifle for firing	a	Explain and demonstrate how to check that a rifle is safe to handle, handover or transport	
		b	Describe the features of a firing range	
		c	Identify the component parts of the No 8 rifle	
		d	Explain and demonstrate the fitting and use of the rifle sling	
		e	Describe the different settings of the service sight	
4	Be able to clean a rifle	a	Remove and replace the rifle bolt	
		b	Clean the rifle for storage	
		c	Explain how the rifle would be prepared for firing	
5	Be able to set sights, load, unload and fire a rifle	a	Set the service sights by select the correct range setting	
		b	Load and unload a No 8 rifle	
		c	Carry out firing drills	

Map Reading (BTEC Unit 3)				
Learning Outcomes		Assessment Criteria		Completed
6	Understand how to read a map to locate position, distance and features	a	Explain the grid referencing system used on a map and the uses for maps of different scale	
		b	Describe the features of a map	
		c	Use the grid referencing system to locate a point on a map	
7	Understand how to plan routes using map features and contour lines	a	Describe the lie of the land from reading the contour lines on a map	
		b	Calculate the gradient of a slope from information obtained from a map	
		c	Draw a section of land profile by projection from map contour lines	
		d	Explain why line of sight may not always be reliable	

Radio Communications (BTEC Unit 4)				
Learning Outcomes		Assessment Criteria		Completed
8	Understand the how to send a message on the Air Cadet radio station network	a	Describe the features of the Air Cadet radio station networks	
		b	Use radio procedures to convey a clear and brief message	
9	Understand the types, safety and effectiveness of radio equipment used by Air Cadets	a	Describe the two types of radio equipment used in the Air Cadet radio network	
		b	Explain the safe care and handling of radio batteries and radio equipment	
		c	Explain how an aerial can effect the range of radio signal transmission	
		d	Identify and describe the health and safety issues of erecting an aerial mast	
		e	Carry out a radio reception exercise	

Initial Expedition Training (BTEC Unit 5)				
Learning Outcomes		Assessment Criteria		Completed
10	Understand how to plan and prepare for a hill walking expedition	a	Describe the key factors to consider when planning a hill walking expedition	
		b	Identify and prepare expedition equipment and clothing	
11	Understand how to prepare for, pitch and strike a camp	a	Describe the essentials of campcraft	
		b	Pack a rucksack	
		c	Recognise the causes, effects and treatment of exposure	
		d	Explain how to prevent exposure	