

BUILDING FOR BATTLE

Royal Engineers Use Their Specialist Skills When Serving On Operations.

Before you go on operations you will have completed your initial, combat engineer and trade training as well as in depth pre-deployment training. This illustration shows how your skill sets will be used to help other units Live, Move and Fight. Trade skills such as surveying, concreting, plumbing and carpentry are essential when building a base for soldiers to live in. With clean water and a secure place to sleep, they'll be in better shape when it's time to fight. It's just as important that soldiers can move quickly

and easily around the area that they are operating in. As a trained Royal Engineer you will use your expert combat engineering skills to build bridges, repair roads and overcome obstacles to allow the rest of the Army to move freely across the battlefield. You will also need to prevent the enemy from moving by demolishing bridges and emplacing obstacles. Combat Engineer are also often called upon to use their infantry skills when carrying out engineer tasks on the battlefield. Sappers lead the way.

COMMANDO ENGINEERS CONDUCT WATERBORNE ASSAULTS, CLIFF CLIMBING, AS WELL AS DESERT, ARCTIC AND JUNGLE WARFARE

FIGHT...

The job of The Royal Engineers is to support other units, no matter where they are. On operations, one of the most important ways of doing that is to build secure bases. You'll make sentry positions and other defences to keep soldiers safe from enemy insurgent attacks. Specialist search teams will check that existing buildings are free from booby traps. Combat Engineers will use their own explosive skills to breach a way into buildings and compounds for infantry units.

PARACHUTE ENGINEERS ARE TRAINED TO DEPLOY BY AIR AND LAND, EITHER BY PARACHUTE, HELICOPTER OR AIRCRAFT

TRAJAN - CLEARING A MINEFIELD

BOMB DISPOSAL EXPERTS CLEARING AN IED

COMBAT ENGINEERS PROVIDING PROTECTION

COMBAT ENGINEERS SEARCHING FOR IED'S

AIR SUPPORT ENGINEERS REPAIRING DAMAGED RUNWAYS

LIVE ...

The most basic thing that units need is a place to live. A team of Surveyors choose a good location, and then the other trades move in to get things set up. The foundations are dug by Plant Operators, and then the Bricklayers move in to start on the building. Engineer specialists will drill down to a water source which will give the base its water supply. While this is taking place, engineers will be using similar skills to build a sustainable living environment.

PLANT OPERATORS CONSTRUCTING A BASE

LOGISTIC SPECIALISTS - TACTICALLY LOADING STORES

TITAN - LAYING A BRIDGE

SEARCH TEAM SEARCHING FOR IED'S

GEOGRAPHIC TECHNICIANS COLLECTING DATA TO PRODUCE MAPPING

SPECIALISTS LOCATE AND PROVIDE WATER

CONSTRUCTING A BRIDGE

COMBAT ENGINEERS CLEARING A MINEFIELD

MOVE ...

On operations, you work closely with other units. When they need to move it's your job to help them. If there's a river to cross, you'll bridge the obstacle, perhaps by using the Titan bridge laying Tank. If the gap is too big for the bridge, you'll use fast assault boats to land troops and kit on the shore. And where there's a minefield the high explosive rocket Python system will make a safe path.

BOAT OPERATORS MOVING TROOPS FROM SEA TO LAND

DIVERS CONDUCTING COMBAT ENGINEERING UNDERWATER

TRADESMAN CONSTRUCTING A FORWARD OPERATING BASE

SURVEYORS LEVELLING THE AREA TO ENABLE CONSTRUCTION OF VARIOUS TASKS