

SECTION THREE – CROMWELL F600 FIRE HELMET

DESCRIPTION

Some wearers experience difficulty in achieving a safe and comfortable fit with the Gallet F1 helmet and for those people the Cromwell F600 is available as an alternative. While very similar in appearance to the Gallet it has a different cradle design and adjustment mechanism which is better suited to some individuals.

The helmet shell is manufactured from GRP and has an integral drop down visor which retracts back into the shell when not in use. The helmet weighs approximately 1.4 kg and is available in standard size ranging from 52 – 63 cm with extra large and extra small available as special orders. The helmet is issued complete with a detachable head torch, reflective strips and rank markings where necessary.

ADJUSTMENT

Prior to issue, Stores staff will instruct the wearer in the correct method of adjustment to ensure that the Helmet fits securely and comfortably and that it interfaces with other items of PPE. It is the responsibility of each individual wearer to ensure that their personal equipment is securely fitted.

- **HEADBAND ADJUSTMENT**

Headband adjustment is by means of a ratchet mechanism operated by a knob on the back of the headband. To achieve a comfortable and secure fit the ratchet adjuster knob should be turned anti-clockwise to expand the headband, the helmet should then be donned and the adjuster knob turned clockwise until a secure and comfortable fit is achieved.

- **HEIGHT ADJUSTMENT**

The height of the helmet may be adjusted from inside the helmet by pulling back the navy blue Nomex liner to reveal the draw lace which passes through the support straps. The draw lace may be tightened or slackened to adjust the helmet height as necessary for maximum comfort and security.

- **BROWBAND ADJUSTMENT**

The brow band may also be adjusted if necessary to augment to headband and height adjustment. The brow band may initially be adjusted up and down by unfastening the touch-and-close fastener on the centre tab, moving the brow band to the desired position and refastening the tab. The brow band also has two locating positions and may be removed by unfastening the centre tab and untwisting the tabs at either end from their keyhole slot. It may then be replaced in the desired position by reversing this procedure.

- **CHINSTRAP ADJUSTMENT**

To adjust the chinstrap, the helmet should be donned and the chin strap buckle fastened. The loose end of the chin strap should then be pulled through the buckle until the chinstrap is tight but still comfortable. The leather sleeve should be adjusted centrally under the chin and the loose end attached to the touch-and-close fastening under the leather strap.

USE WITH FIREHOOD AND BA MASK

When wearing the helmet with a firehood and BA mask, the following procedure should be followed. The firehood should be worn off the head but inside the tunic collar. The BA mask should be donned in the normal manner and the firehood should then be pulled up over the head and adjusted to give a comfortable and secure fit around the BA mask. The helmet should then be placed on the head in the normal manner.

STOWAGE

When not in use the helmet should be stowed in the bag provided to protect it from direct sunlight. Care should be taken to ensure that helmets are stowed securely in fire appliances to prevent accidental damage by being dropped.

CLEANING AND MAINTENANCE

The shell should be cleaned on every occasion when soot and burnt deposits affect the surface. Use warm soapy water and a soft cloth. No abrasives should be used. The visor should be cleaned using CLEAR PILOT, a bottle of which will be issued to each station and officer. The instructions on the container should be followed. Replacement supplies are available from stores.

SAFETY

The helmet shell should be routinely inspected for any damage. If any damage is discovered the Supplies Officer should be contacted for the supply of a replacement.

The impact liners should be inspected for wear or distortion due to heat exposure and the helmet inner should be inspected for any signs of wear or damage.

HELMET TORCH

A Gallet F1 torch is designed to be attached to the helmet by means of a clip on the tight side of the helmet.

The torch is powered by four 1.5v type AA batteries which give an average duration of three to four hours. The bulb is a high intensity xenon type. Batteries should be fitted by following the instructional pictogram which is moulded into the body of the torch.

After 3-4 hours continuous use, the batteries in the lamp will need replacing. Each station should keep a stock of replacement batteries in order to maintain the operational readiness of the torch following discharge.

The torch is intrinsically safe; however it has an intrinsic safety certificate temperature rating of T2, whereas the Adalit BA Torch has a temperature rating of T4. Therefore the Gallet Helmet Torch should only be used for general purposes and not for BA use.

When replacing batteries, it is advisable to leave the torch switched on for three to four minutes to prolong the life of the bulb. Replacement bulb holder assemblies are available