





**RING SIGHTS** PO Box 2108, Salisbury, SP2 2BX, UK

We have the WC-30 sight for the 40 mm AGLs and this can be used by day and, with a red dot pack, with NVGs.

Finally our EPC pistol sight enables a man with night vision goggles to shoot an enemy first time at 100 metres; it suits a sub machine gun, such as the H&K MP5, too.

The man with NVG can use them for observation. When he has identified a target he can select the right weapon and kill it. No re-zeroing, no sight changing, just pick up the weapon and shoot. He can use his own rifle, his own pistol and weapons he has confidence in.

Let me go on to other applications. Recently we have provided A&AEE at Boscombe Down with a sight to use by day and night to fire machine guns sideways from helicopters - here it is - the LC-40-100-NVG. It is a standard LC-40-100 with a beamsplitter optimised for the Ferranti NVG and a LED graticule illumination system (it also has a laser illuminator to show the area of engagement but this is not needed for shooting). We have designed matching mounts for the M 60 MG, the M 134 Minigun and the GMPG, all now approved by the RAF for air firing. The Boscombe Down live firings with four trial subjects showed that there was a high chance of a first burst hit from a moving helicopter on a 3 metre square target at 800 metres both by day and night. This is achieved because the sight has a cartwheel graticule enabling the firer to aim off correctly. What he learns in the day applies by night as well.

Clearly the man on the ground who is being shot at must be equipped to shoot back - he can do this with his machine gun, a Ring Sight and NVG.

NVG are starting to be used for other tasks at night - HARRIER maintenance, bridge building etc - in forward areas where artificial lights should not be used. The enemy may well penetrate to these. Those with NVG should defend themselves - with the P 90 for example, a gun easily strapped to the back, they can shoot back straightaway using the P 90 sight and their NVG.

To sum up:-

NVG are going to be used more and more. Russian ones can be bought at the Nuremberg Gun Fair and in the marketplaces of Finland. All enemies can have them.

Small arms and NVG designers should get together with sight designers to optimise the combination and make it suitable for military use.

The great advantage of NVG is that the soldier can use the weapon he needs without delay (especially useful for weapons thrown away on firing).

NVG also allow the soldier to use his own rifle without re-zeroing.