

*Thu, 07 Sep, 2017
(Online)*

India sets a world record as DRDO's homemade artillery gun fires shell 47 kms away

It looks that Indian armed forces have finally found a replacement for the Bofors gun. India's largest and most diverse research organisation – Defence Research and Development Organisation (DRDO) has recently developed an indigenous ATAGS (Advanced Towed Artillery Gun System), which has proved itself as one of the highly destructive weapons.

The 155-mm 52-calibre gun has also made a world record as it fired three shells out to a range of 47.2 kilometres during its field trials held at the Pokhran range. During tests, the gun fired a long range 'High explosive – base bleed' round. Most of the 155-mm guns in the world can fire upto 45 kms, so ATAGS has set a new world record.

Various units of India's artillery regiment will soon be equipped with 2,000 units of these guns.

India's first high capacity and long range Artillery Gun has been developed by DRDO in collaboration with – Tata Power SED (Strategic Engineering Division) and Bharat Forge.

"Bharat Forge has developed and delivered the full ordinance for the Tata SED Gun...The ATGAS will be a joint project of two private-sector corporations," official sources said.

According to media sources, the secret for the longer range of the ATAGS is the larger volume of chamber – 25 litres, that packs in more high explosive propellant. While other similar guns have a chamber of about 23-litre capacity.

NEWS

*Thu, 07 Sep, 2017
(Online)*

India's Home Made Artillery Gun Makes a World Record, Fires Shell 47 Kms Away

For years, the Indian Army suffered from the lack of potent artillery firepower. During the Kargil War, it was the Bofors gun that proved its prowess, but a new gun was not even in sight. But those days are long gone.

DRDO's homemade ATAGS (Advanced Towed Artillery Gun System) of which nearly 2,000 examples will soon equip the various units of the artillery regiment, has just proved itself to be a devastating weapon. During the recently conducted field trials at the Pokhran range, the gun fired three shells out to a range of 47.2 kms.

The 155 mm 52-calibre gun is now a world record holder. During tests, the gun fired a long range 'High explosive – base bleed' round. Most 155mm guns in the world max out between 40 km and 45 kms.

According to a Sputnik report, the reason for the longer range of the ATAGS is the 25-litre volume of its chamber that allows higher quantities of propellant to be used. Other similar guns have a chamber of about 23-litre capacity. The gun is also unique in having a six-round magazine that gives it a higher rate of fire compared to three-round magazines in others.

The ATAGS has been developed by DRDO in conjunction with two companies – Tata Power SED and Bharat Forge.



Thu, 07 Sep, 2017

India, Japan to work on robotics

In a joint statement by India and Japan announced last night in Tokyo, both countries have decided to coordinate on robotics and unmanned round vehicles.

Japanese Acquisition, Technology and Logistic Agency (ATLA) and India's Defence Research and Development Organisation (DRDO) will soon commence technical discussions for research collaboration on unmanned ground vehicles and robotics.

Japan had, in 2011, famously sent in a robot to tackle the leak at its Fukushima nuclear plant which was hit by a Tsunami triggered by a massive earthquake.

The first-ever meeting on defence industry cooperation was conducted between ATLA and the Department of Defence Production (DDP) of the Ministry of Defence. Government entities and companies of both countries participated in this.