

17 June 2024

Aerodynamic, ultra-light, highly stable: the LUNA NG airborne reconnaissance system by Rheinmetall

Operational experience of the war in the Ukraine shows the crucial role that real-time reconnaissance results play for command and control. The LUNA NG (*Luftgestützte Unbemannte Nahaufklärungs-ausstattung: Unmanned Airborne Vehicle for close reconnaissance – Next Generation*) was developed precisely for this purpose. Rheinmetall will be presenting the innovative system at its stand E115/F115 at the Eurosatory 2024.

In 2023, Rheinmetall delivered such a drone on behalf of the German government to the Ukraine for its defence campaign. It is one of the latest systems for unmanned airborne reconnaissance, classification and detection of objects.



Thanks to its aerodynamic, ultra-light and highly stable design, the LUNA NG can easily operate on twelve-hour missions. Rheinmetall is presenting the drone at the Eurosatory with its expansion stages for engaging targets and the capability for vertical take-offs and landings (VTOL). The LUNA NG with a glide bomb on display at the Eurosatory is one of several possible configurations.

The fuselage structure of the drone is made of carbon fibre reinforced plastic (CFRP). In addition to a long flight time, it offers a data link range of up to 150 kilometres. This can be increased to an operational range of around 500 kilometres with optional SatCom equipment. The LUNA NG also has a payload capacity of 30kg and two payload compartments. This makes the drone a multi-sensor platform which can be used for various capabilities, from reconnaissance, command and control to tactical missions with weapons.

In September 2023, Rheinmetall received the order to deliver the LUNA NG airborne reconnaissance system to the Bundeswehr. It will be introduced by the German forces as HUSAR. A total of twelve production systems and one pilot system were ordered. The first series system shall be delivered in the second quarter of 2025.

We look forward to seeing you at our Eurosatory stand E115/F115.

► Key facts

- Rheinmetall delivers 13 LUNA NG systems to the Bundeswehr
- Delivery of the first series system to the Bundeswehr in 2025
- For army reconnaissance troops and artillery
- Maximum flight altitude 5,000 metres
- Over twelve hours flight time

► Contacts

Oliver Hoffmann
Head of Public Relations
Rheinmetall AG
Tel.: +49-(0)211 473 4748
oliver.hoffmann@rheinmetall.com

Dr. phil. Jan-Phillipp Weisswange
Deputy Head of Public Relations
Rheinmetall AG
Tel.: +49-(0)211 473 4287
jan-phillipp.weisswange@rheinmetall.com

► Social Media

✕ @Rheinmetallag
@Rheinmetallag
Rheinmetall