

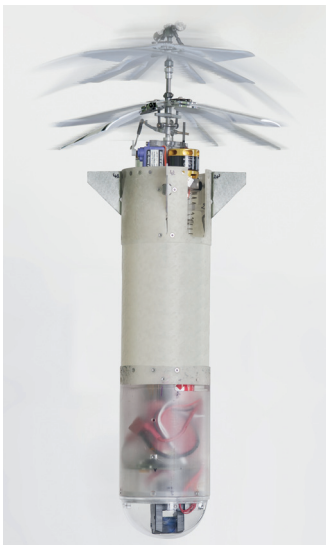
GLMAV

Micro Air Vehicle for the remote observation of hazardous or inaccessible environments



www.isl.eu

GLMAV (Gun-Launched Micro Air Vehicle) is a new kind of discrete remote-controlled observation drone for very fast operation. **Launched** as a subsonic projectile from a special **portable launcher** up to a **height of 100 m** and over a **range of 500 m**, it deploys its **rotor system with blades** once arrived over the targeted site. GLMAV is equipped with a **two-lens camera**. During its flight, it **transmits** video streaming of the overflow and forward areas to the ground station. GLMAV is reusable and returns to the base station after having accomplished its mission.



Partners

ANR, CNRS, CRAN, SBG, HEUDIASYC,
Nancy-Université, UTC

End users

GIGN, DGA, MBDA



Technical features

- Launcher: 80 mm calibre, length 1 m, weight < 10 kg
- Projectile: weight of 1.05 kg, fin-stabilised
- Time of flight of about 5 min
- Access time to the target < 15 s
- Flight altitude up to 100 m over the targeted site
- Real-time video transmission

Applications

- Stand-off surveillance of dangerous sites
- Target tracking and designation



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