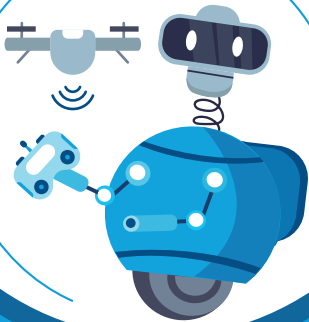


UAS OPERATOR



JOB DESCRIPTION

UAS Operators plan, execute, and manage drone flights for various purposes, such as aerial photography, surveying, monitoring, and data collection. They ensure compliance with regulations, perform pre-flight checks, maintain equipment, and analyze collected data. They may work in industries like agriculture, construction, environmental monitoring, and public safety.

SALARY

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DAILY ROUTINE

A typical day involves assessing weather, planning flight paths, conducting pre-flight inspections, operating UAS, processing data post-flight, maintaining logs, and performing routine equipment maintenance. Operators must stay updated on regulations and may liaise with clients for project requirements.

IMPACT ON PRIVATE LIFE

The role may require travel to remote locations, and work hours can be irregular, especially when weather or project deadlines are involved. The job can be stressful due to high responsibility and safety adherence but offers diverse work environments and industries, contributing to job satisfaction.

SKILLS AND COMPETENCIES

Key skills include proficiency in operating UAS platforms, understanding aviation regulations, excellent hand-eye coordination, situational awareness, risk assessment abilities, data processing and analysis knowledge, communication skills, and equipment maintenance.

SELECTION CRITERIA

Technical skills are essential, including at least two years of experience operating remote-controlled aircraft and a solid understanding of aviation safety protocols. Certification is mandatory, such as passing the FAA Part 107 knowledge test or an equivalent European certification for commercial UAS operations. A valid driver's license and willingness to travel may also be required.

EDUCATION

A high school diploma is typically required, along with certifications such as a Remote Pilot Certificate. Some roles may prefer candidates with higher education in aviation, engineering, or geography.

Engage 2

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JOINT UNDERTAKING



Co-funded by
the European Union

This project has received funding from the SESAR Joint Undertaking under the European Union's Horizon Europe research and innovation programme under grant agreement No 101114648.

YEARS OF TRAINING REQUIRED

Becoming fully qualified as a UAS Operator takes 4-5 years. This includes obtaining a bachelor's degree in aviation, aerospace engineering, or a related field (3-4 years), followed by 1-2 years of experience operating unmanned aerial systems (UAS). Additional certifications, such as a Remote Pilot License and advanced endorsements, may be required.