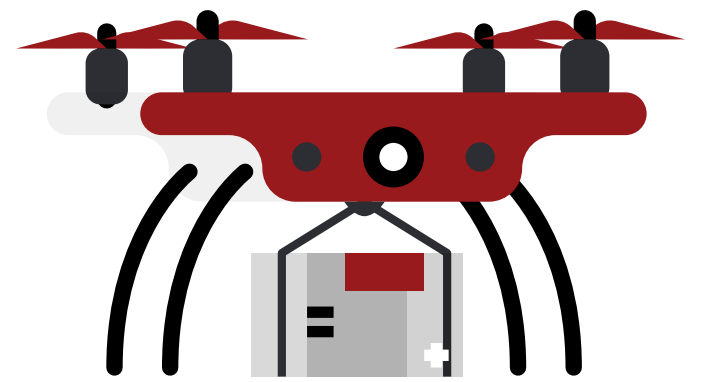


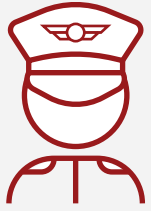
# Use of drones in healthcare



## What is a drone?

A drone is an unmanned aircraft system that can be controlled remotely or by a specific software and GPS to operate autonomously.

## Flight operations register



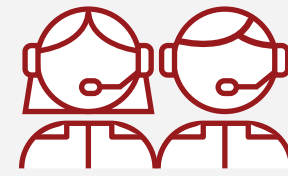
Train as a pilot



Mandatory liability insurance



Flight zones



Flight operators registry



Flight standards

## Types of operations

**Open**  
Low risk

Operator authorisation or statement not needed

- A1** Avoiding flying over non-participants or crowds
- A2** Keeping a minimum horizontal distance of at least 30m with non-participants
- A3** Non-participants are not put at risk and a horizontal security distance of at least 150m is kept in residential, commercial, industrial, and recreational areas

**Specific**  
Medium risk

Includes UAS (Unmanned Aircraft System) operations with medium risk that cannot be executed under the open category.

Needed:

- ✓ Specific Operations Risk Assessment (SORA)
- ✓ Operator statement or authorisation from the Spanish State Aviation Safety Agency
- ✓ Operate beyond the BVLOS visual
- ✗ Drones up to 25kg weight during take off

**Certified**  
High risk

Operations with:

- ✓ Big sized drones
- ✓ People transport
- ✓ Dangerous goods transport

Needed:

- ✓ Operator certificate
- ✓ UAS certificate
- ✓ Licenced pilot
- ✓ Delegated regulation (EU) 2019/945

Recommended for healthcare transport

## Benefits of using drones



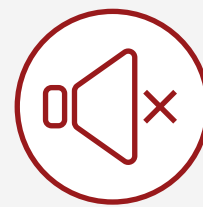
Better access to rural areas communities



Decreasing traffic jams and road congestion in cities



Time saved during commutes



More silent technology



Decreasing in carbon footprint

## Other drone use cases in healthcare

- ✓ Emergencies' support
- ✓ Accident triage
- ✓ Support during emergencies
- ✓ Biological samples and tissue transportation
- ✓ Pharmacological treatments transportation
- ✓ Surveillance/security
- ✓ Medical devices and telemedicine equipment distribution
- ✓ Supplying dependent people's home
- ✓ Supporting clinical processes
- ✓ Material inventory