

Surveillance mission

Fixed-wing drone with electric motor



1 kg CO2

Ultra-light rotary-wing drone with piston engine



82 kg CO2

Very light aircraft with piston engine



84 kg CO2

Very light helicopter with piston engine

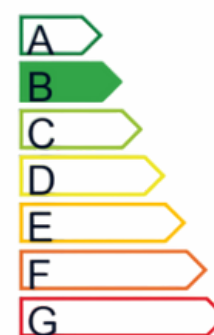
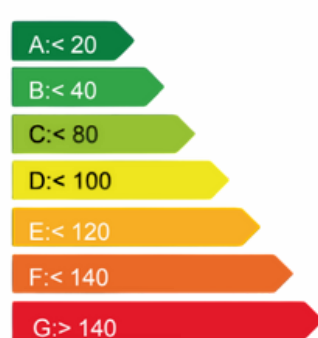


327 kg CO2

Light helicopter with gas turbine



1217 kg CO2



In kg of CO2 / flight hour

CO2 emissions multiplied by 1000

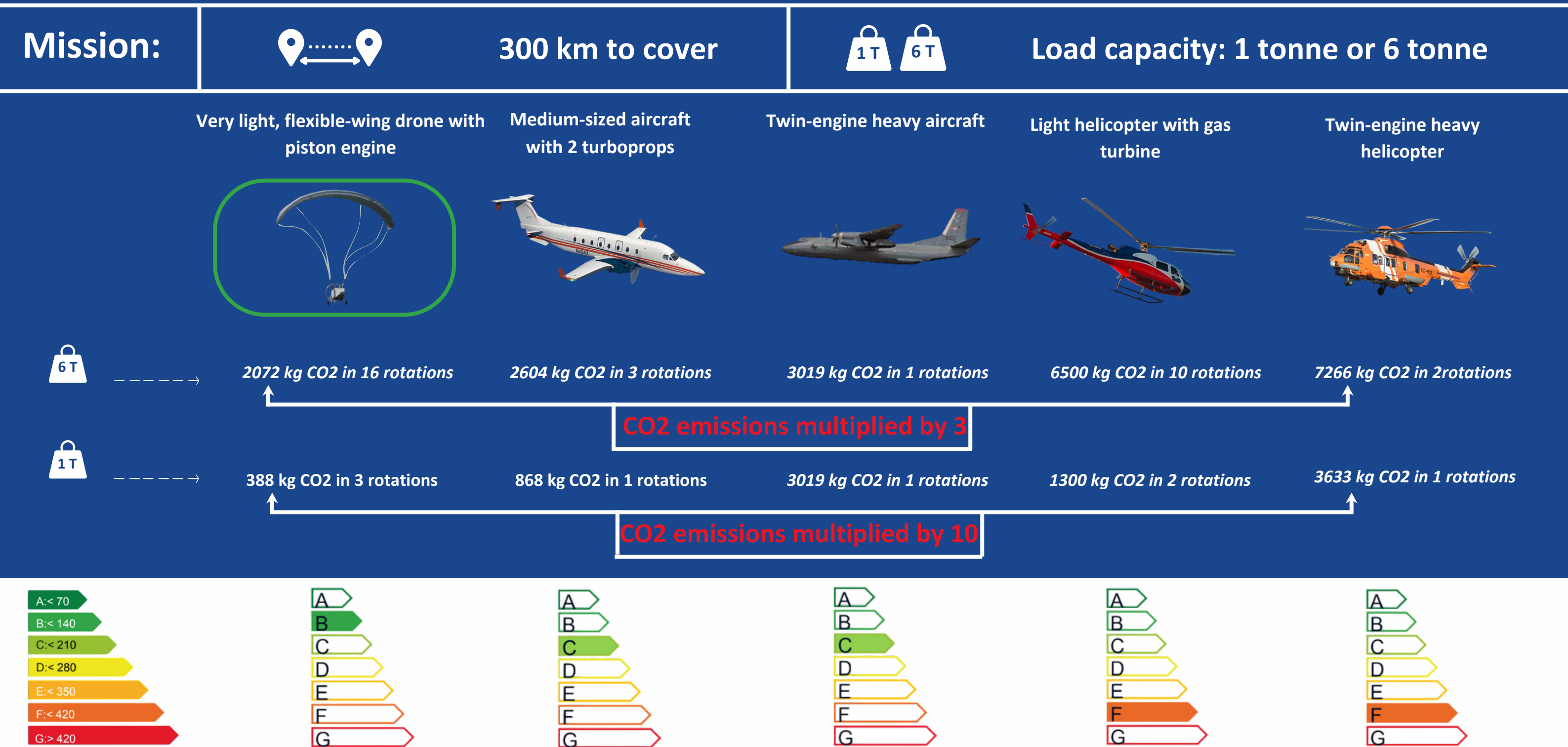
Under equal flight conditions * :



* Each aircraft is capable of carrying the necessary sensors and performing the expected trajectories to record the data with the required accuracy.



Freight transport mission



In kg of CO2 / ton transported / 100km

Airplanes or drones with vertical or short take-off and landing capability are often less energy-efficient than conventional aircraft, but enable freight to be transported as close as possible to the destination when the destination is not an airport, which must be taken into account in the overall calculation of CO2 emissions.

