

## Standard Scenarios

ENAC code	Scenario's description	MTOW: M	Flight	Daytime Maximum Height (m)	Nighttime Maximum Height (m)	Daytime Maximum Distance (m)	Nighttime Maximum Distance (m)
<b>S01</b>	Urban areas that do not provide for the overflight of people in the area of operations, unless they are indispensable to the operations and trained for the purpose	$M \leq 2\text{Kg}$	VLOS	50	50	100	100
<b>S02</b>	Urban areas that do not provide for the overflight of people in the area of operations, unless they are indispensable to the operations and trained for the purpose	$2\text{kg} < M \leq 4\text{Kg}$	VLOS	50	50	100	100
<b>S03</b>	Urban areas that do not provide for the overflight of people in the area of operations, unless they are indispensable to the operations and trained for the purpose	$4\text{kg} < M \leq 10\text{Kg}$	VLOS	50	50	100	100
<b>S04</b>	Surveys on building sites in extra-urban areas and surveys on linear infrastructures (like motorways, power lines, railways, gas pipelines) that do not involve the overflight of people in the area of operations, unless they are trained for the purpose	$M \leq 4\text{Kg}$	VLOS	150	50	500	100
<b>S05</b>	Surveys on building sites in extra-urban areas and surveys on linear infrastructures (like motorways, power lines, railways, gas pipelines) that do not involve the overflight of people in the area of operations, unless they are trained for the purpose	$4\text{kg} < M \leq 25\text{Kg}$	VLOS	150	50	500	100
<b>S06</b>	Television / cinema shoots of events in extra-urban areas that do not involve the overflight of people in the area of operations, unless they are indispensable to the operations and trained for the purpose	$M \leq 4\text{Kg}$	VLOS	150	50	500	100

<b>S07</b>	Television / cinema shoots of events in extra-urban areas that do not involve the overflight of people in the area of operations, unless they are indispensable to the operations and trained for the purpose	4kg < MTOW <=25Kg	VLOS	150	50	500	100
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	S01	S02	S03	S04	S05	S06	S07
<b>Vmax (m/s)</b>	5	5	5	5	5	5	5
<b>Vwind (m/s)</b>	3	3	3	5	5	5	5
<b>Minimum Buffer (m)</b>	30	50	N.A.	30	N.A.	20	N.A.
<b>Minimum Buffer with geofence (m)</b>	15	25	50	15	50	N.A.	20
<b>Minimum buffer with cable (m)</b>	5	5	5	5	5	5	5
<b>Recovery Function</b>	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
<b>Flight Termination System*</b>	Optional	Si	Si	Optional	Si	Optional	Si
<b>Command and control system with geofencing functionality</b>	Optional	Optional	Enabled	Optional	Enabled	Optional	Enabled
<b>Remote Piloted Aircraft recognition lights**</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes

\*the flight termination system in scenarios S03, S05 and S07 must be independent and dissimilar

\*\*front / right green, front / left red, back white in the case of night VLOS