



GUIDE FOR UNMANNED AIRCRAFT SYSTEMS OPERATOR

Subject

1. This Guide provides a brief overview and explanations of general conditions and flight mode with unmanned aircraft system and aircraft model of operating mass up to and including 20 kg.
2. The Guide is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on Conditions for Use of Unmanned Aircraft Systems and Model Aircraft ("Official Gazette of Montenegro", No. 11/16) (hereinafter referred to as the "Regulation").

General conditions for flying of unmanned aircraft

- 1) Flight of unmanned aircraft may be performed only during the day;
- 2) The distance between unmanned aircraft and people, animals, facilities, vehicles, vessels, other aircraft, roads, railways, water routes or high voltage cables shall be at least 30 metres;
- 3) The distance between unmanned aircraft and gathered people shall be at least 150 metres;
- 4) Flight of unmanned aircraft shall be conducted within the visual range of pilot and at a distance of at most 500
- 5)
- 6) metres from the pilot;
- 7) Flight of unmanned aircraft shall be performed at the height of at most 150 metres above ground level or sea level; and
- 8) Flight of unmanned aircraft shall be performed outside the controlled airspace.

3. Categorisation of flight operations

Flight operations category shall be determined pursuant to the level of risk that their conducting poses to the environment.

Depending on the operational mass of unmanned aircraft (aircraft take off mass) and class of flight area, there are 4 categories of flight operations, categories A, B, C and D (see Annex 1 of the Regulation).

Example:

If the operational mass of the drone is 2.5 kg (**class 5 - OM<5kg**) and the operations are performed in an inhabited area with constructions or facilities primarily intended for staying, business or recreation (apartment buildings, apartment houses, schools, offices, sport pitches, parks, etc.) (**class III of flight area**), **flight operations of Category A and Category B** may be conducted.

However, for the performance of flight operations of category B, the drone must have 6 engines, but smaller number of engines is acceptable if the drone is equipped with a parachute (see Annex 4 of the Regulation).

4. Approval for use of radio-frequency spectrum

Physical and legal persons may use radio frequencies on the basis of radio frequency approval issued by the Agency for Electronic Communications and Postal Services, if applicable.

Certain ranges may be used without the approval of the Agency for Electronic Communications and Postal Services. These ranges and conditions under which they can be used are defined in the Regulation on radio-

frequencies and the conditions under which such radio-frequencies may be used without approval (“Official Gazette of Montenegro”, No. 47/14, 50/14, 64/18, 66/19, 119/22).

According to the Decision about Radio-Frequency Spectrum Plan (“Official Gazette of Montenegro”, No. 89/20 and 104/20) and the mentioned Regulation it is prescribed as follows:

- 1) The 922.7 - 927.7 MHz range is not allowed for use.
- 2) The 2,400-2,483 GHz range may be used without the approval of the Agency for Electronic Communications and Postal Services and the emitted power shall not exceed 100mW.
- 3) The 5,725-5,825 GHz range may be used without the approval of the Agency for Electronic Communications and Postal Services and the emitted power shall not exceed 25mW.

The table contains restrictions for some of the unmanned aircraft systems, individually:

Model	Frequency range	Maximum power or magnitude of magnetic field
DJI Phantom 3 Professional, model 323	2,400-2,483 GHz	100mW / 20dBm
Hexa-copter with DJI NAZA V2 controller	2,400-2,483 GHz	100mW / 20dBm
DJI Inspire 1	922,7-927,7 MHz	Not allowed
	5,725-5,825 GHz	25mW / 14dBm
	2,400-2,483 GHz	100mW / 20dBm
Octocopter	Octocopter	100mW / 20dBm
Quadcopter Phantom 2	2,4 GHz ISM	100mW / 20dBm
Quadcopter Phantom 3 Advanced	2,400-2,483 GHz	100mW / 20dBm
Phantom 4 DJI	2,400-2,483 GHz	100mW / 20dBm
Helio model DJI Inspire I	5,725-5,825 GHz (remote to remote)	25mW / 14dBm
	2,400-2,483 (remote to aircraft)	100mW / 20dBm
DJI Mavic PRO	2,400-2,483 GHz	100mW / 20dBm

5. Requirements for performance of operations with aircraft model

MODEL AIRCRAFT		
<i>This list of requirements is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on Conditions for Use of Unmanned Aircraft Systems and Model Aircraft</i>		Provision of regulation (Article, Annex)
Flight area	Classes: I and II	Articles 4 and 6
Insurance contract (if applicable)	In accordance with the Law on Compulsory Traffic Insurance ("Official Gazette of Montenegro", No. 44/12 and 146/21)	Article 7 (2)
Use of radio-frequency (if applicable)	In accordance with the Law on Electronic Communications ("Official Gazette of Montenegro", No. 40/13, 56/13, 2/17 and 49/19) See point 4.	Article 8
Marking	OM>5kg → Identification fire-resistant plate OM<5kg → Identification fire-resistant plate or identification placard	Article 9
Flight in controlled airspace (CTR)	Only if the approval of the air traffic service unit is obtained Safety order (No: 2017/001 Rev. 02) laying down requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat	Articles 11 and 14
Appropriate application of flight rules	1. Rulebook on method, rules and procedures for flight operations and operational air traffic services ("Official Gazette of Montenegro", No. 11/16, 40/18 and 35/19) 2. Rulebook on the conditions for use and classification of airspace ("Official Gazette of Montenegro", No. 52/17)	Article 10

Explanatory note:

Classification of flight area	
Class I	Non-constructed area with no erected constructions or facilities and with no people, apart from pilot and personnel required for flying.
Class II	An uninhabited built area with auxiliary commercial facilities or constructions which are not intended for staying of people, where there are no people, apart from pilot and personnel required for flying, where only temporary staying is allowed, with no detaining of people through the area (bicyclists, pedestrians, etc.).

- *Insurance contract:* Article 42 of the Law on Obligatory Insurance in traffic ("Official Gazette of Montenegro", No. 44/12 and 146/21) stipulates that the owner or user of the aircraft is obliged to conclude liability insurance contract for damage caused to the third parties by using unmanned aircraft system.

- *Marking:* An identification fire-resistant plate or placard shall contain:

- Identification mark of unmanned aircraft which for flight operations of Categories A, B and C shall not begin with the capital letter "D", while for category D an identification mark be issued by the Civil Aviation Agency.
- Name, address and contact information for the operator or owner.

Example:

Identification mark: **PHANTOM7777**
Name: **Marko Marković**

Address: **xxx yyy zzz**
Contact: **phone number / e-mail address**

- *Flying in Controlled Airspace*: Flying in controlled airspace is conducted in accordance with the Safety Order (No. 2017/001 Rev. 02), which defines the areas where flight operations are restricted and the operator's obligations during the flight planning and flight operations.

6. Requirements for performance of flight operations with unmanned aircraft systems

CATEGORY A

Class of unmanned aircraft system	Class of flight operations area			
	I	II	III	IV
5 OM ⁽¹⁾ <5 kg	A	A	B	C
10 5≤OM<10 kg	A	B	C	D
20 10≤OM≤20 kg	B	C	D	D

Note (1): OM – Operational mass of unmanned aircraft

Classification of flight area	
Class I	Non-constructed area with no erected constructions or facilities and with no people, apart from pilot and personnel required for flying.
Class II	An uninhabited built area with auxiliary commercial facilities or constructions which are not intended for staying of people, where there are no people, apart from pilot and personnel required for flying, where only temporary staying is allowed, with no detaining of people through the area (bicyclists, pedestrians, etc.).
Class III	Inhabited area with constructions or facilities primarily intended for staying, business or recreation (apartment buildings, apartment houses, schools, offices, sport pitches, parks, etc.).
Class IV	Areas of narrow urban zones (downtown, settlements, etc.).

CATEGORY A

<i>This list of requirements is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on Conditions for Use of Unmanned Aircraft Systems and Model Aircraft</i>		Provision of regulation (Article, Annex)
Class of unmanned aircraft	Classes: 5 and 10	Article 3
Flight area	Classes: I and II	Article 4
Insurance contract	In accordance with the Law on Obligatory Insurance in traffic ("Official Gazette of Montenegro", No. 44/12 and 146/21)	Article 7 (1)
Use of radio-frequency (if applicable)	In accordance with the Law on Electronic Communications ("Official Gazette of Montenegro", No. 40/13, 56/13, 2/17 and 49/19) See point 4.	Article 8
Marking	OM>5kg → Identification fire-resistant plate OM<5kg → Identification fire-resistant plate or identification placard	Article 9
Flight in controlled airspace (CTR)	Only if the approval of the air traffic service unit is obtained Safety Order (No: 2017/001 Rev. 02) laying down requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat	Articles. 11 and 14
Appropriate application of flight rules	1. Rulebook on method, rules and procedures for flight operations and operational air traffic services ("Official Gazette of Montenegro", No. 11/16, 40/18 and 35/19)	Article 10

	2. Rulebook on the conditions for use and classification of airspace ("Official Gazette of Montenegro", No. 52/17)	
Appoint a responsible person		Article 15 (1)
Establish system for reporting occurrences relevant to aviation safety	In accordance with Regulation on notifying, analysing and follow-up of occurrences in civil aviation ("Official Gazette of Montenegro", No. 45/18, 22/20 and 129/20)	Article 15 (2)
Establish a system for maintenance and record keeping system of flight logs	Logs must be kept for at least 2 years	Article 15 (3)
Submit a Declaration to the Civil Aviation Agency	Declaration form can be downloaded from the website of the Civil Aviation Agency	Article 18 and Annex 2
Age of pilot	16 years of age or more	Annex 4
Psycho-physical fitness of the pilot	<ul style="list-style-type: none"> - Declaration of pilot, or - Medical certificate class I, II, LAPL, or medical certificate of sport pilot, or - Medical certificate for operating vehicles issued to drivers for whom operating vehicles is not primary profession, which is up to 5 years old, or - Valid driver licence 	Annex 4 and Declaration Form of pilot
Knowledge of applicable air regulations	<ul style="list-style-type: none"> - Declaration of pilot or - Pilot licence or evidence on passed theory exam from knowing air regulations 	Annex 4 and Declaration Form of pilot
Competence for system operation	Declaration of a pilot	Annex 4 and Declaration Form of pilot
Unmanned aircraft system must comply with technical requirements for intended flight operation category	System of operating	Annex 4
General conditions for unmanned aircraft operations	In accordance with Article 14, operator can be provided with an exemption from the following: <ul style="list-style-type: none"> - Article 11 paragraph 2 point 6 - Article 11 paragraph 2 point 7 - Article 11 paragraph 2 point 8 - Article 11 paragraph 2 point 9 - Article 11 paragraph 2 point 11 	Articles 11 and 14
Mandatory documents	Documents that the pilot is obliged to have on-site when conducting flight operations	Article 20 (1)

Explanatory note:

- *Establish system for reporting occurrences relevant to aviation safety* – Safety Information No. 2017/002 Rev 01 and Regulation on notifying, analysing and follow-up of occurrences in civil aviation ("Official Gazette of Montenegro", No. 45/18, 22/20 and 129/20)
- *General conditions for unmanned aircraft operations* – With reference to Article 11 paragraph 2 points 6, 7, 8 and 11 an exemption is provided by the Civil Aviation Agency, while for the point 9 an exemption is provided by the competent air traffic service unit.
- *Marking:* An identification fire-resistant plate or placard must contain:
 - An identification mark of unmanned aircraft which shall not begin with the capital letter "D",
 - Name, address and contact information of operator or owner.

Example:

Identification mark: **PHANTOM7777**
Name: **Marko Marković**

Address: **xxx yyy zzz**

Contact: **phone number / e-mail address**

- *Flying in Controlled Airspace*: Flying in controlled airspace is conducted in accordance with the Safety Order (No. 2017/001 Rev. 02), which defines the areas where flight operations are restricted and the operator's obligations during the flight planning and flight operations.

CATEGORY B

Class of unmanned aircraft system	Class of flight area			
	I	II	III	IV
5 OM ⁽¹⁾ <5 kg	A	A	B	C
10 5≤OM<10 kg	A	B	C	D
20 10≤OM≤20 kg	B	C	D	D

Note (1): OM – Operational mass of unmanned aircraft

Classification of flight area	
Class I	Non-constructed area with no erected constructions or facilities and with no people, apart from pilot and personnel required for flying.
Class II	An uninhabited built area with auxiliary commercial facilities or constructions which are not intended for staying of people, where there are no people, apart from pilot and personnel required for flying, where only temporary staying is allowed, with no detaining of people through the area (bicyclists, pedestrians, etc.).
Class III	Inhabited area with constructions or facilities primarily intended for staying, business or recreation (apartment buildings, apartment houses, schools, offices, sport pitches, parks, etc.)
Class IV	Areas of narrow urban zones (downtown, settlements, etc.).

CATEGORY B

<i>This list of requirements is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on the Conditions for Use of Unmanned Aircraft Systems and Model Aircraft</i>		Provision of regulation (Article, Annex)
Class of unmanned aircraft	Classes: 5, 10 and 20	Article 3
Flight area	Classes: I, II and III	Article 4
Insurance contract	In accordance with the Law on Obligatory Insurance in traffic ("Official Gazette of Montenegro", No. 44/12 and 146/21)	Article 7 (1)
Use of radio-frequency (if applicable)	In accordance with the Law on Electronic Communications ("Official Gazette of Montenegro", No. 40/13, 56/13, 2/17 and 49/19) See point 4.	Article 8
Marking	OM>5kg → Identification fire-resistant plate OM<5kg → Identification fire-resistant plate or identification placard	Article 9
Flight in controlled airspace (CTR)	Only if the approval of the air traffic service unit is obtained Safety order (No: 2017/001 Rev. 02) laying down requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat	Articles 11 and 14
Appropriate application of flight rules	1. Rulebook on method, rules and procedures for flight operations and operational air traffic services ("Official Gazette of Montenegro", No. 11/16, 40/18 and 35/19) 2. Rulebook on the conditions for use and classification of airspace ("Official Gazette of Montenegro", No. 52/17)	Article 10
Appoint a responsible person		Article 15 (1)
Establish system for reporting occurrences relevant to aviation safety	In accordance with the Regulation on notifying, analysing and follow-up of occurrences in civil aviation ("Official Gazette of Montenegro", No. 45/18, 22/20 and 129/20)	Article 15 (2)

Establish a system for maintenance and record keeping system of flight logs	Logs must be kept for at least 2 years	Article 15 (3)
Submit a Declaration to the Civil Aviation Agency	A Declaration Form can be downloaded from the website of the Civil Aviation Agency	Article 18 and Annex 2
Age of pilot	18 years of age or more	Annex 4
Psycho-physical fitness of pilot	<ul style="list-style-type: none"> - Declaration of pilot, or - Medical certificate of class I, II, LAPL, or medical certificate of sport pilot or - Medical certificate for operating vehicles issued to drivers for whom operating vehicles is not primary profession, which is up to 5 years old, or - Valid driver licence 	Annex 4 and Declaration Form of pilot
Knowledge of applicable air regulations	<ul style="list-style-type: none"> - Declaration of a pilot or - Pilot licence or evidence on passed theory exam from knowing air regulations 	Annex 4 and Declaration Form of pilot
Competence for system operation	Declaration of a pilot	Annex 4 and Declaration Form of pilot
Unmanned aircraft system must comply with technical requirements for intended flight operation category	System of operating Indication of telemetric parameters for pilot The minimum number of multi-copter engines	Annex 4
General conditions for unmanned aircraft operations	In accordance with Article 14, operator can be provided with an exemption from the following: <ul style="list-style-type: none"> - Article 11 paragraph 2 point 6 - Article 11 paragraph 2 point 7 - Article 11 paragraph 2 point 8 - Article 11 paragraph 2 point 9 - Article 11 paragraph 2 point 11 	Articles 11 and 14
Mandatory documents	Documents that the pilot is obliged to have on-site when conducting flight operations	Article 20 (1)

Explanatory note:

- *Establish system for reporting occurrences relevant to aviation safety* – Safety Information No 2017/002 Rev 01 and Regulation on notifying, analysing and follow-up of occurrences in civil aviation (“Official Gazette of Montenegro”, No. 45/18, 22/20 and 129/20)
- *General conditions for unmanned aircraft operations* – With reference to Article 11 paragraph 2 points 6, 7, 8 and 11 an exemption is provided by the Civil Aviation Agency, while for the point 9 an exemption is provided by the competent air traffic service unit.
- *Marking*: An identification fire-resistant plate or placard must contain:
 - An identification mark of unmanned aircraft which shall not begin with the capital letter "D".
 - Name, address and contact information of operator or owner.

Example:

Identification mark: **PHANTOM7777**
Name: **Marko Marković**
Address: **xxx yyy zzz**
Contact: **phone number / e-mail address**

- *The minimum number of engines of multi-copters* – 6 (a smaller number of engines is also deemed acceptable provided that a multi-copter is equipped with a parachute)

- *Flying in Controlled Airspace: Flying in controlled airspace is performed in accordance with the Safety Order (No. 2017/001 Rev. 02), which defines the areas where flight operations are restricted and the operator's obligations during the flight planning and flight operations.*

CATEGORY C

Class of unmanned aircraft system	Class of flight area			
	I	II	III	IV
5 OM ⁽¹⁾ <5 kg	A	A	B	C
10 5≤OM<10 kg	A	B	C	D
20 10≤OM≤20 kg	B	C	D	D

Note (1): OM – Operational mass of unmanned aircraft

Classification of flight area	
Class I	Non-constructed area with no erected constructions or facilities and with no people, apart from pilot and personnel required for flying.
Class II	An uninhabited built area with auxiliary commercial facilities or constructions which are not intended for staying of people, where there are no people, apart from pilot and personnel required for flying, where only temporary staying is allowed, with no detaining of people through the area (bicyclists, pedestrians, etc.).
Class III	Inhabited area with constructions or facilities primarily intended for staying, business or recreation (apartment buildings, apartment houses, schools, offices, sport pitches, parks, etc.).
Class IV	Areas of narrow urban zones (downtown, settlements, etc.).

CATEGORY C

<i>This list of requirements is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on the Conditions for Use of Unmanned Aircraft Systems and Model Aircraft</i>		Provision of regulation (Article, Annex)
Class of unmanned aircraft	Classes: 5, 10 and 20	Article 3
Flight area	Classes: II, III and IV	Article 4
Insurance contract	In accordance with the Law on Obligatory Insurance in traffic (“Official Gazette of Montenegro”, No. 44/12 and 146/21)	Article 7 (1)
Use of radio-frequency	In accordance with the Law on Electronic Communications (“Official Gazette of Montenegro”, No. 40/13, 56/13, 2/17 and 49/19) See point 4.	Article 8
Marking	OM>5kg → Identification fire-resistant plate OM<5kg → Identification fire-resistant plate or identification placard	Article 9
Operations Manual	Pilot is obliged to have operations manual on-site during flight operations	Article 16
Flight in controlled airspace (CTR)	Only if the approval of the air traffic service unit is obtained Safety Order (No: 2017/001 Rev. 02) laying down requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat	Articles 11 and 14
Appropriate application of flight rules	1. Rulebook on method, rules and procedures for flight operations and operational air traffic services (“Official Gazette of Montenegro”, No. 11/16, 40/18 and 35/19) 2. Rulebook on the conditions for use and classification of airspace (“Official Gazette of Montenegro”, No. 52/17)	Article 10
Appoint a responsible person		Article 15 (1)
Establish system for reporting occurrences relevant to aviation safety	In accordance with the Regulation on notifying, analysing and follow-up of occurrences in civil aviation	Article 15 (2)

	(“Official Gazette of Montenegro”, No. 45/18, 22/20 and 129/20)	
Establish a system for maintenance and record keeping system of flight logs	Logs must be kept for at least 2 years	Article 15 (3)
Evaluate needs for conducting risk management activities	Risk management activities, if needed, shall be conducted before flight operations	Article 15 (5) Annex 3
Submit a Declaration to the Civil Aviation Agency	A Declaration Form can be downloaded from the website of the Civil Aviation Agency	Article 18 and Annex 2
Age of pilot	18 years of age or more	Annex 4
Psycho-physical fitness of pilot	<ul style="list-style-type: none"> - Medical certificate of class I, II, LAPL, or medical certificate of sport pilot, or - Medical certificate for operating vehicles issued to drivers for whom operating vehicles is not primary profession, which is up to 5 years old, or - Valid driver licence 	Annex 4 and Declaration Form of pilot
Knowledge of applicable air regulations	<ul style="list-style-type: none"> - Pilot licence or evidence on passed theory exam from knowing air regulations 	Annex 4 and Declaration Form of pilot
Competence for system operation	Declaration of a pilot	Annex 4 and Declaration Form of pilot
Unmanned aircraft system must comply with technical requirements for intended flight operation category	<ul style="list-style-type: none"> - System of operating - Indication of telemetric parameters for pilot - The minimum number of multi-copter engines - Significant functions/systems that shall not be compromised in case of individual failure – Failure Mode Effects Analysis is needed (FMEA) 	Article 14 Annex 4 and Annex 5
General conditions for unmanned aircraft operations	<p>In accordance with the Article 14, operator can be provided with an exemption from the following:</p> <ul style="list-style-type: none"> - Article 11 paragraph 2 point 6 - Article 11 paragraph 2 point 7 - Article 11 paragraph 2 point 8 - Article 11 paragraph 2 point 9 - Article 11 paragraph 2 point 11 	Articles 11 and 14
Mandatory documents	Documents that the pilot is obliged to have on-site when conducting flight operations	Article 20 (2)

Explanatory note:

- *Establish system for reporting occurrences relevant to aviation safety* – Safety information No 2017/002 Rev 01 and Regulation on notifying, analysing and follow-up of occurrences in civil aviation (“Official Gazette of Montenegro”, No. 45/18, 22/20 and 129/20)
- *General conditions for unmanned aircraft operations* – With reference to Article 11 paragraph 2 points 6, 7, 8 and 11 an exemption is provided by the Civil Aviation Agency, while for the point 9 an exemption is provided by the competent air traffic service unit.
- *Marking:* An identification fire-resistant plate or placard must contain:
 - An identification mark of unmanned aircraft which shall not begin with the capital letter "D".

- Name, address and contact information of operator or owner.

Example:

Identification mark: **PHANTOM7777**
Name: **Marko Marković**
Address: **xxx yyy zzz**
Contact: **phone number / e-mail address**

- *The minimum number of engines of multi-copter – 8*
- *Flying in Controlled Airspace:* Flying in controlled airspace is performed in accordance with the Safety Order (No. 2017/001 Rev. 02), which defines the areas where flight operations are restricted and the operator's obligations during the flight planning and flight operations.
- *Operations Manual* – Operator is obliged to develop an Operations Manual whose content will be in accordance with the Article 16 of the Regulation

CATEGORY D

Class of unmanned aircraft system	Class of flight area			
	I	II	III	IV
5 OM ⁽¹⁾ <5 kg	A	A	B	C
10 5≤OM<10 kg	A	B	C	D
20 10≤OM≤20 kg	B	C	D	D

Note (1): OM – Operational mass of unmanned aircraft

Classification of flight area	
Class I	Non-constructed area with no erected constructions or facilities and with no people, apart from pilot and personnel required for flying.
Class II	An uninhabited built area with auxiliary commercial facilities or constructions which are not intended for staying of people, where there are no people, apart from pilot and personnel required for flying, where only temporary staying is allowed, with no detaining of people through the area (bicyclists, pedestrians, etc.)
Class III	Inhabited area with constructions or facilities primarily intended for staying, business or recreation (apartment buildings, apartment houses, schools, offices, sport pitches, parks, etc.)
Class IV	Areas of narrow urban zones (downtown, settlements, etc.)

CATEGORY D

<i>This list of requirements is of an informative character and does not release the unmanned aircraft operator from the obligation to comply with all applicable conditions laid down in the Regulation on the Conditions for Use of Unmanned Aircraft Systems and Model Aircraft</i>		Provision of regulation (Article, Annex)
Class of unmanned aircraft	Classes: 10 and 20	Article 3
Flight area	Classes: III and IV	Article 4
Insurance contract	In accordance with the Law on Obligatory Insurance in traffic ("Official Gazette of Montenegro", No. 44/12 and 146/21)	Article 7 (1)
Use of radio-frequency	In accordance with the Law on Electronic Communications ("Official Gazette of Montenegro", No. 40/13, 56/13, 2/17 and 49/19) See point 4.	Article 8
Marking	OM>5kg → Identification fire-resistant plate	Article 9
Operations Manual	Submit to the Civil Aviation Agency	Article 16
Flight in controlled airspace (CTR)	Only if the approval of the air traffic service unit is obtained Safety order (No: 2017/001 Rev. 00) laying down requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat	Articles 11 and 14
Appropriate application of flight rules	1. Rulebook on method, rules and procedures for flight operations and operational air traffic services ("Official Gazette of Montenegro", No. 11/16, 40/18 and 35/19) 2. Rulebook on the conditions for use and classification of airspace ("Official Gazette of Montenegro", No. 52/17)	Article 10
Appoint a responsible person		Article 15 (1)
Establish system for reporting occurrences relevant to aviation safety	In accordance with the Regulation on notifying, analysing and follow-up of occurrences in civil aviation ("Official Gazette of Montenegro", No. 45/18, 22/20 and 129/20)	Article 15 (2)

Establish a system for maintenance and record keeping system of flight logs	Logs must be kept for at least 2 years	Article 15 (3)
Evaluate needs for conducting risk management activities	Risk management activities, if needed, shall be conducted before flight operations	Article 15 (5) Annex 3
Submit the application for approval for flight operations with unmanned aircraft system to the Agency	The application form can be downloaded from the website of the Civil Aviation Agency	Article 19
Age of pilot	18 years of age or more	Annex 4
Psycho-physical fitness of pilot	<ul style="list-style-type: none"> - Medical certificate of class I, II, LAPL, or medical certificate of sport pilot, or - Medical certificate for operating vehicles issued to drivers for whom operating vehicles is not primary profession, which is up to 5 years old, or - Valid driver licence 	Annex 4 and Declaration Form of pilot
Knowledge of applicable air regulations	<ul style="list-style-type: none"> - Pilot licence or evidence on passed theory exam from knowing air regulations 	Annex 4 and Declaration Form of pilot
Competence for system operation	Declaration of a pilot	Annex 4 and Declaration Form of pilot
Unmanned aircraft system must comply with technical requirements for intended flight operation category	<ul style="list-style-type: none"> - System of operating - Indication of telemetric parameters for pilot - The minimum number of multi-copter engines - Significant functions/systems that shall not be compromised in case of individual failure – Failure Mode Effects Analysis is needed (FMEA) 	Article 14 Annex 4 and Annex 5
General conditions for unmanned aircraft operations	<p>In accordance with the Article 14, operator can be provided with an exemption from the following:</p> <ul style="list-style-type: none"> - Article 11 paragraph 2 point 6 - Article 11 paragraph 2 point 7 - Article 11 paragraph 2 point 8 - Article 11 paragraph 2 point 9 - Article 11 paragraph 2 point 11 	Article 11
Mandatory documents	Documents that the pilot is obliged to have on-site when conducting flight operations	Article 20 (2)

Explanatory note:

- *Establish system for reporting occurrences relevant to aviation safety* – Safety Information No. 2017/002 Rev 01 and Regulation on notifying, analysing and follow-up of occurrences in civil aviation (“Official Gazette of Montenegro”, No. 45/18, 22/20 and 129/20)
- *General conditions for unmanned aircraft operations* – With reference to Article 11 paragraph 2 points 6, 7, 8 and 11 an exemption is provided by the Civil Aviation Agency, while for the point 9 an exemption is provided by the competent air traffic service unit.
- *Marking:* An identification fire-resistant plate or placard must contain:
 - An identification mark of unmanned aircraft issued by the Civil Aviation Agency.
 - Name, address and contact information of operator or owner.

Example:

Identification mark: **XXXXX**
Name: **Marko Marković**
Address: **xxx yyy zzz**
Contact: **phone number / e-mail address**

- *The minimum number of engines of multi-copter – 8*
- *Flying in Controlled Airspace:* Flying in controlled airspace is performed in accordance with the Safety Order (No. 2017/001 Rev. 02), which defines the areas where flight operations are restricted and the operator's obligations during the flight planning and flight operations.
- *Operations manual* – Operator is obliged to develop an Operations Manual whose content will be in accordance with the Article 16 of the Regulation.

8. References

You can find below the links that refer to the laws and regulations listed in this Guide, which can be found on the website of the Civil Aviation Agency of Montenegro and in the Official Gazette of Montenegro:

- [Law on Air Transport](#) (“Official Gazette of Montenegro” No 30/2012) Amendment (“Official Gazette of Montenegro” No [30/2017](#) and [82/2020](#))
- [Law on Obligatory Insurance in Traffic](#) (“Official Gazette of Montenegro” No 44/2012) (transposing Regulation (EC) No 785/2004 of the European Parliament and of the Council) Amendment (“Official Gazette of Montenegro” No [146/21](#))
- [Rulebook on method, rules and procedures for flight operations and operational air traffic services](#) (“Official Gazette of Montenegro” No 11/2016) (transposing Commission Regulation 923/2012) Amendment (“Official Gazette of Montenegro” No [40/2018](#) and [35/2019](#))
- [Regulation on requirements for use and classification of airspace](#) (“Official Gazette of Montenegro” 52/2017)
- [Regulation on notifying, analysing and follow-up of occurrences in civil aviation](#) (“Official Gazette of Montenegro” No 45/2018) (transposing Regulation (EU) No 376/2014 of the European Parliament and of the Council and Commission Regulation (EU) No 2015/1018) Amendments (“Official Gazette of Montenegro” No [22/2020](#) and [129/2020](#))
- [2017/002 - Reporting, Analysis and Follow-up of Occurrences in Civil Aviation](#) (Revision 1, published on 13 April 2020)
- [Requirements for use of unmanned aircraft systems and aircraft models within CTR Podgorica and CTR Tivat](#) (Revision 2, published on 26 November 2019)

Forms:

- [Declaration in accordance with Ordinance for Unmanned Aerial Systems \(UAS\)](#)
- [Application for approval of Unmanned Aerial Systems Operations](#)
- [Application for theoretical exam for Unmanned Aerial System pilot](#)

On the website of the Agency for Electronic Communications and Postal Services and in the Official Gazette of Montenegro you can find:

- Law on Electronic Communications (“Official Gazette of Montenegro”, No. 40/13, 56/13, 02/17 and 49/19)
- Regulation on radio-frequencies and conditions under which they can be used without approval (“Official Gazette of Montenegro”, No. 47/14, 50/14, 64/18, 66/19 and 119/22)
- Decision about Radio-frequency spectrum plan (“Official Gazette of Montenegro”, No 89/20 and 104/20)