REPUBLIC of SAN MARINO
CIVIL AVIATION AUTHORITY

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APPLICATION TO OPERATE REMOTE PILOTED AIRCRAFT
(Refer to Notes on page 3 and completion guidance on page 4 prior to completing this form)

1.	**RPAS OPERATOR INFORMATION**		
1.1	Name of RPAS Operator:		
1.2	State of RPAS Operator:		Certificate No.:
1.3	Address:		
1.4	Accountable Manager:		
1.5	Contact numbers:	Tel:	Email:
2.	**RPAS INFORMATION**		
2.1	State of Registry		Registration Mark:
2.2	Radio Station No:		
2.3	Noise Certificate		
3.	**REMOTE PILOT/OBSERVER INFORMATION**		

3.1	Name:	Licence/Certificate/Permit No:	State of Licence Issuance:
(a)			
(b)			
(c)			
(d)			

4.	**RPA PERFORMANCE CHARACTERISTICS**		
4.1	Type of Aircraft:	Manufacturer/Model:	
4.2	Maximum Take-off Mass:	Wake turbulence Category:	
4.3	Engine Number/Type	RPA Dimensions	
4.4	Minimum/Maximum Speeds: / kts	Maximum Operating Altitude: ft	
4.5	Maximum climb/descent rates: / ft/min	Maximum Endurance:	
5.	**CNS CAPABILITIES**		
5.1	Communications:	CPDLC ☐ VHF ☐ UHF ☐ SATCOM ☐ HF ☐ Landline ☐ Mobile ☐	
5.2	Navigation Equipment:	DME ☐ VOR ☐ GNSS ☐ ADF ☐ ILS ☐ GBAS ☐	
5.3	Navigation Capability:	RNAV ☐ RNP ☐ RVSM ☐	
5.4	Surveillance	ADS-B ☐ ADS-C ☐ ACAS ☐	

5.5	Detect/Avoid Capabilities:				
5.6	R/T Callsign				
5.7	Other:				
6.	**PROPOSED OPERATION**				
6.1	Purpose:				
6.2	Date of flights:				
6.3	Duration of flights:				
6.4	Flight Rules	I ☐	V ☐	Y ☐	Z ☐
6.5	Type of Operation:	VLOS ☐		BVLOS ☐	
6.6	Location of RPS				
6.7	Point of Departure:				
6.8	Point of Destination:				
6.9	Route:				
6.10	Cruising level (ft):				
6.11	Payload description:				
7.	**USE OF COMMUNICATION CAPABILITIES**				
7.1	ATS Communications				
7.2	Command & Control Link				
7.3	RP (external/internal)				
7.4	Payload Data Link				
7.5	Loss of RP Comms				
7.6	Loss of C2 Link				
7.7	ATS Comm loss				
7.8	Other Contingencies				
8.	**OPERATIONAL SECURITY MEASURES**				
8.1	RPS Physical Security				
8.2	RPA Security on Ground				
8.3	Security of C2 Link				
9.	**INSURANCE**				
9.1	EC 785/2004 compliant				
10.	**ATTACHMENTS**				

10. ATTACHMENTS
- ☐ copy of certificate of registration (one for each RPA)
- ☐ copy of certificate of airworthiness (one for each RPA)
- ☐ copy of associated RPAS components certificate(s)
- ☐ copy of RPAS approval
- ☐ copy of RPAS operator certificate
- ☐ copy of aircraft radio station licence(s)
- ☐ copy of licence(s)/certificate(s)/permits/experience of remote pilot(s) and RPA observer(s)
- ☐ copy of all relevant operations specifications

	☐	rendering or photographic depiction of RPA
	☐	copy of RPA flight manual emergency procedures
	☐	copy of liability insurance document(s)
	☐	copy of RPA noise certificate
	☐	location map of area of operation
	☐	schedule of events
	☐	other attachment(s) – list below

11.	EXEMPTIONS REQUIRED *(from CAR OPS 4 or height/obstacle clearance etc.)*
(a)	
(b)	
(c)	

12.	APPLICANT DECLARATION

I hereby apply for the grant of a Remotely Piloted Aircraft System Operator Certificate and declare that, to the best of my knowledge and belief, the statements given in this application are true.

Name:	Signature:
Title: Accountable Manager	Date:

Notes:

1.   The CAA will only process applications for RPA as follows;

   (1)   Aerial work operations involving all weight categories within the territory of San Marino; and

   (2)   Aerial work operations with a maximum take-off mass exceeding 150 kg and on the Registry of San Marino.

2.   Model aircraft operated in the territory of San Marino are not classified as remote piloted aircraft under CAR OPS 4 and an application is not required provided the aircraft;

   (a)   weighs less than 25 kg; and

   (b)   operates below 90 metres (300 ft) above ground level; and

   (c)   outside 1000 metres of an operating airfield; and

   (d)   operates to a maximum range of 500 metres with visual line of sight (VLOS); and

   (e)   would not jeopardise the safety of people on the ground.

3.   Model aircraft unable to comply with (1) - (5) above are required to be authorised and this application form is required.

1.   RPAS operator information

Item 1.1   Name of RPAS operator — indicate the name of a person, organization or enterprise engaged in, or offering to engage in, the RPAS operation.

Item 1.2   State of RPAS operator (if applicable) — indicate the State in which the RPAS operator's principal place of business is located, or if there is no such place of business, the operator's permanent residence.

Item 1.3   Mailing address — indicate the current contact mailing address of the operator.

Item 1.4   Contact person — indicate the name of the person nominated to be responsible for liaison between the operator and Authority.

Item 1.5   Contact numbers — indicate the current telephone, cellular and email address of the point of contact.

2.   RPAS information

Item 2.1   State of Registry and aircraft registration — indicate the name of the State on whose register the RPA is currently entered as well as the aircraft registration marks. Copies of the certificate of registration and certificate of airworthiness issued by the State must be attached. The specific titles of any alternative airworthiness documents must be indicated. These may include, for example, a temporary flight permit.

Item 2.2   Aircraft radio station licence number — indicate the aircraft radio station licence number. If the remote pilot station(s) contains an aircraft radio station, indicate the appropriate licence number as well.

Item 2.3   Noise certificate — indicate title and number of the document attesting noise certification of the RPA.

3.   Remote pilot(s) and RPA observer(s) information

Item 3.1.   Name — indicate the name(s) of the remote pilot(s) who will operate the RPAS and of any RPA observer(s).

Type of licence or certificate and number — indicate the licences or certificates issued by the State for remote pilot(s) certifying their respective qualifications.

4.   RPA performance characteristics (including appropriate units of measurement)

Item 4.1   Type of aircraft — indicate the type of aircraft and attach a rendering or photographic depiction of the RPA.

Item 4.2   Maximum take-off mass — indicate the maximum certificated take-off mass and the wake turbulence category if known.

Item 4.3.   Number and type of engine(s) — indicate number and type of engine(s) and RPA dimensions (wing span/rotor diameter) — indicate the wingspan or main rotor diameter, or in the case of multi-rotorcraft, indicate the maximum width.

Item 4.4   Minimum/Maximum speed — indicate the minimum/maximum operating speed of the RPA and maximum operating altitude.

Item 4.5   Maximum climb/descent rate — indicate the maximum climb/descent rate of the RPA and indicate the maximum endurance of the RPA.

5.   CNS capabilities

Item 5.1   Mark the applicable boxes and indicate the communications equipment.

Item 5.2   Mark the applicable boxes and indicate the navigation equipment.

Item 5.3   Mark the applicable boxes and indicate the navigation capability.

Item 5.4   Mark the applicable boxes and indicate the surveillance equipment.

Item 5.5   Indicate the Detect/Avoid equipment and capabilities and any limitations.

Item 5.6   Indicate the call-sign to be used in radiotelephony.

Item 5.7   Other — indicate other equipment or capabilities.

6.   Operations

Item 6.1   Purpose of operation — indicate the reason(s) for conducting one, or a series of, RPA flight(s): e.g. aerial survey, meteorological survey, aerial photography, scientific experiment, cargo delivery.

Item 6.2   Date of flight(s) — indicate the date(s) on which the flight(s) will occur.

Item 6.3   Duration — indicate the duration of flight and also the number of flights that will be conducted within the date(s) of flight(s).

Item 6.4   Flight rules IFR/VFR — mark the relevant box to denote the category of flight rules with which the remote pilot intends to comply: *I if IFR; V if VFR; Y if IFR first; Z if VFR first.*

Item 6.5   Type of operation VLOS/BVLOS — mark the relevant box.

Item 6.6   Location(s) of remote pilot station(s) — indicate the number and location(s) of the remote pilot station(s).

Item 6.7   Point of departure — indicate the name and the ICAO four-letter designator of the departure aerodrome. In the event the departure is not conducted from an aerodrome, coordinates, in accordance with WGS-84 format, of the specific location should be included.

Item 6.8   Point of destination — indicate the name and the ICAO four-letter designator of the destination aerodrome. In the event that the destination is not an aerodrome, coordinates, in accordance with WGS-84 format, of the specific location should be included.

Item 6.9   Route — indicate the planned route of flight.

Item 6.10   Cruising level — indicate the intended level(s) (in feet) to be maintained during each segment of the flight.

Item 6.11   Payload information/description — indicate any payload or equipment to be carried on the RPA. This includes equipment which is not flight essential but may be used for a specific purpose during the flight (e.g. photographic equipment).

   Note: The operation of some equipment or carriage of dangerous goods may be subject to special legislative requirements.

7.   Use of communication capabilities

Item 7.1   ATS communications — specify the intended methods of communication between air traffic services and the remote pilot, e.g. VHF voice, data link, telephone.

Item 7.2   Command and control (C2) link — describe the type of data link to be utilised between the remotely piloted aircraft and the remote pilot station for the purposes of managing the flight.

Item 7.3   Communications between remote pilot and RPA observer — specify the means of communication between the remote pilot and RPA observer, if applicable.

Item 7.4   Payload data link — indicate specifications such as frequency and output power used for the data link between the remotely piloted aircraft and the remote pilot station (or payload station) for purposes other than those of managing the flight.

Item 7.5   Loss of remote pilot/RPA observer communications — indicate Operations Manual reference

Item 7.6   Loss of C2 link — indicate Operations Manual reference.

Item 7.7   Loss of ATS link — indicate Operations Manual reference.

Item 7.8   Other contingencies — indicate Operations Manual reference.

8.   Security measures associated with the RPA operation

Item 8.1   Physical security of remote pilot station — indicate the measures and resources employed to ensure the safeguarding of the remote pilot station against unlawful interference during flight.

Item 8.2   Physical security of RPA while on the ground — if applicable, indicate the measures and resources employed to ensure the safeguarding of the remotely piloted aircraft (RPA) against unlawful interference while on the ground.

Item 8.3   Security of the C2 link — indicate the measures and technical procedures to protect the C2 link against unlawful or unintentional interference.

9.   Liability and insurance

Item 9.1   Liability and insurance — indicate the insurance policy number and provide proof of adequate insurance/liability coverage in accordance with EC 785/2004.

10.   Attachments

Mark the applicable boxes and attach a copy of the relevant document(s). If including additional documents, mark the box "other attachment(s)", describe them in the field provided and attach them to this form.

11.   Exemptions Required

The applicant should be familiar with the requirements of CAR OPS 0 and CAR OPS 4. If an issue of possible non-compliance is identified, it should be noted.

12.   Applicant Declaration

Must be signed by the Accountable Manager, who has the authority for ensuring that all operations and maintenance activities can be financed and carried out to the standard required by the Authority.

Acronyms and abbreviations used in this form

ACAS	airborne collision avoidance system
ADF	automatic direction finder
ADS-B	automatic dependent surveillance — broadcast
ADS-C	automatic dependent surveillance — contract
ATS	air traffic services
C2	command and control
CNS	communication, navigation and surveillance
CPDLC	controller-pilot data link communications
DME	distance measuring equipment
GBAS	ground-based augmentation system
GNSS	global navigation satellite system
HF	high frequency
I	the entire flight will be operated under the IFR
IFR	instrument flight rules
ILS	instrument landing system
PBN	performance-based navigation
RNAV	area navigation
RNP	required navigation performance
RPA	remotely piloted aircraft

RPAS	remotely piloted aircraft system
RVSM	reduced vertical separation minimum
SATCOM	satellite communication
UHF	ultra high frequency
V	the entire flight will be operated under the VFR
VFR	visual flight rules
VHF	very high frequency
VOR	VHF omnidirectional radio range
Y	the flight initially will be operated under the IFR, followed by one or more subsequent changes of flight rules
Z	the flight initially will be operated under the VFR, followed by one or more subsequent changes of flight rules