DroneRules.eu

National Regulatory Profile



Spain

NOTE : In this form the following terms are used

Drone = Remotely Piloted Aircraft (RPA) = Unmanned Aircraft (UA) = See definition below

Drone Pilot = Remote Pilot (RP) = See definition below

Drone Operator = RPAS Operator = See definition below

Yes/Authorized/Applicable	
Conditional	
No (Not Required or Not Authorized)	
No Limit	**NoL**
Not Applicable	**NA**
Unknown (By NAA)	**?**

Rules: No legislation concerning drones exists, but operational guidance documents are applicable.

Regulation: Legislation governing the operational use of drones exists & is applicable.

	RECREATIONAL DRONE	MODEL AIRCRAFT	PROFESSIONAL DRONE
NATIONAL REGULATORY AUTHORITIES (NRA)			
National Aviation Authority (NAA)	AESA		
	www.seguridadaerea.gob.es		
Air Navigation Service Provider (ANSP)	ENAIRE		
	www.enaire.es		
National Rules Are Applicable For			
Title of applicable document	NA		
Language in which official Rules are written	NA		
Courtesy translation In English exists	NA		
National Regulation Is Applicable For			
Title of applicable document	Ley 18/2014 de 15 de Octubre de aprobación de medidas urgentes para el crecimiento, la competitividad y la eficiencia. (Artículo 60)		
Language in which official Regulation is written	Spanish		
Courtesy translation In English exists			
DRONE			
Drone: An aircraft where the pilot is not on board the aircraft.			
National Drone Registration / Identification			
National Registration Is Required:			
Registration possible online	NA	NA	
Link to online registration	NA	NA	NA
Cost (in Euro) €	NA	NA	Free
Electronic Chip (with National Registration Number) Is Required:			
Indicate additional information (if any) that should be included on electronic chip	NA	NA	NA
Authority responsible to programme the electronic chip	NA	NA	NA
Electronic chip issued in a FOREIGN country is acceptable	NA	NA	NA
A Drone Identification Number Is Required			
Time required to obtain an identification number Days	NA	NA	NA
Identification number issuing authority	NA		
FOREIGN identification number is acceptable			
The Drone Identification Number Must Be Visible on Fuselage			
FOREIGN identification number on fuselage is acceptable			
An Identity Plate Required On Aircraft:			
Time required to obtain an identity plate Days			
Identity plate (number) issuing authority	NA		
FOREIGN Identity Plate is acceptable			
Maximum Authorized Aircraft Mass			
With Fuel kg	NA	NA	150
Without Fuel kg	NA	NA	NA

Mass Categories				
l Upper Mass Limit - Category 1	kg	NA	NA	2
l Upper Mass Limit - Category 2	kg	NA	NA	25
l Upper Mass Limit - Category 3	kg	NA	NA	150
l Upper Mass Limit - Category 4	kg	NA	NA	NA
l Upper Mass Limit - Category 5	kg	NA	NA	NA
Design Certification (or Equivalent) Required				
Design Certificate Issuing Authority		NA	NA	NA
Type Certificate (TC) or Type Approval (TA) Required				
l For Drone with a mass of more than	kg	NA	NA	25
l Average time required to obtain Type Certificate or Type Approval	Mnths	NA	NA	NA
l Cost to obtain Type Certificate or Type Approval	€	NA	NA	1500
l Type Certificate or Type Approval issued by		NA	NA	AESA
l Foreign issued type certificate or type approval is accepted		NA	NA	
Certificate of Airworthiness (CoA) Required				
l For Drone with mass of more than	kg	NA	NA	25
l Average Time Required to Obtain CoA	Days	NA	NA	4,5
l Cost to Obtain CoA	€	NA	NA	150
l CoA Granted By		NA	NA	AESA
l Foreign issued CoA is accepted		NA	NA	
Specific Safety Features Required				
l Navigation Lights				
l Parachute - Fixed Wing Drone				
l Parachute - Rotary Wing Drone				
l Horizontal Drone Pilot/RPA distance limitation system				
l Vertical Drone Pilot/RPA distance limitation system				
l Telemetry channel independant from control link				
l Transponder				
l Transponder Frequency	MHz	NA	NA	NA
	GHz	NA	NA	NA
l Automatic engine shut-down in case of control link loss				
l Automatic landing instruction in case of control link loss				
l Audio pilot warning in case of control link loss				
l Onboard flight parameter recorder				
l Ground-based flight parameter recorder				
Flight Control System Required				
Manual flight control is MANDATORY (no other forms of control allowed)				
Manual & Automatic (pre-programmed with manual override) flight control				
Fully automated flight control without manual override possible				
Frequencies				
Specific Flight Control Frequencies Are Required				
Option A	Mhz	NA	NA	NA
Option B	GHz	NA	NA	NA
Specific Imagery Downlink Frequencies Are Required				
Option 1	GHz	NA	NA	NA
Option 2	GHz	NA	NA	NA
Documentation Required				
Indicate mass below which no documentation is required (if applicable)	kg	NA	NA	All
System Maintenance Manual				
System Operations Manual				
Flight Manual				
Flight Log				

FLIGHT OPERATIONS

Flight Operation Limitations

Permit-To-Fly Required				
I Authority issuing the Permit-To-Fly		NA		
Aerial Work Certificate or Permit required				
I Authority issuing the Aerial Work Certificate or Permit		NA		
VLOS Operations Authorized				
I Close to structures & buildings				
I Above/close to crowds				
I Above/in industrial sites				
I Above urban areas				
I Exemptions to indicated VLOS operations are possible				
E-VLOS Operations Authorized				
I Above/close to crowds				
I Above/in industrial sites				
I Above urban areas				
I Exemptions to indicated E-VLOS operations are possible				
BVLOS Operations Authorized				
I Above/close to crowds				
I Above/in industrial sites				
I Above urban areas				
I Requires certified Detect & Avoid system or segregated airspace				
I Exemptions to indicated BVLOS operations are possible				
Daylight Operations Authorized				
Night Operations Authorized				
I Special Autorisation Required For Night Operations				
Minimum weather visibility range required				?
Minimum visibility range	km			VMC
Max. groundspeed authorized	km/h			NA
Max. groundspeed authorized	knots			NA
NOTAM posting required				
I Aircraft mass above which NOTAM posting is required	kg	NA	NA	All masses

Airspace

Max. flight altitude authorized:				
I Below 500 feet Above Ground Level (AGL)	feet			
I Above 500 feet Above Ground Level (AGL)	feet			
I Other maximum authorized flight altitude Above Ground Level (if applicable)	feet			400
Horizontal separation minima are applicable				
Vertical separation minima are applicable				
Airspace Access Limitations are applicable				
Flight in clouds is authorized				
Over-flight of specific designated zones is prohibited				Yes
Over-flight of public areas in urban zones is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of private property owned by a third party is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of airfields & airports is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of fire scenes/zones is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of accident scenes/zones is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of natural disastre scenes/zones is authorized				
I Exemptions can be granted under certain conditions				
Over-flight of prohibited zones (military facilities, prisons, no-fly zones) is authorized				
I Exemptions can be granted under certain conditions				
Giving right of way to manned aircraft is mandatory				

Operational Scenarios

Flight approval based on specific operational scenarios			
Quantity of recognized operational scenarios	NA	NA	3
Description of scenario 1	NA	NA	BVLOS <25kg
Description of scenario 2	NA	NA	VLOS <25 kg
Description of scenario 3	NA	NA	RPA >25 kg
Description of scenario 4	NA	NA	NA
Description of scenario 5	NA	NA	NA

Transport

External load operations authorized	NA	NA	
Maximum mass (Drone + load) authorized (kg)	NA	NA	NA

DRONE OPERATOR

Drone Operator: The company/organisation employing the Drone Pilot and supplying commercial or non-commercial flight services with a drone

National Drone Operator Certificate Required For			
I Visual Line of Sight (VLOS) Operations	NA	NA	
I Extended Visual Line-of-Sight (E-VLOS) Operations	NA	NA	
I Beyond Line-of-Sight (BLOS) Operations	NA	NA	
I Authority issuing Drone Operator Certificate	NA	NA	AESA
Temporary Drone Operator Certificate is possible	NA	NA	
I Authority issuing Temporary Drone Operator Certificate	NA	NA	AESA
Restricted Drone Operator Certificate is possible	NA	NA	
I Authority issuing Restricted Drone Operator Certificate	NA	NA	AESA
Online self-declaration by Drone Operator to authorities is possible	NA	NA	
Drone Operator Certificate delivered in other countries is recognized	NA	NA	

DRONE PILOT

Drone Pilot: The person who manipulates the flight controls of a remotely piloted aircraft during flight time.

National Drone Pilot Certificate exists		NA	NA	
I Theoretical competence certificate		NA	NA	
I Practical (flight) competence certificate		NA	NA	
National Drone Pilot Certificate Is Obligatory		NA	NA	
National authority accepts foreign Drone Pilot Certificates		NA	NA	
Minimum required age	Yrs	NA	NA	18
Name(s) of national qualified organisation(s) issuing Drone Pilot Certificates		NA	NA	Approved Training Org.
A Physical / mental Aptness Certificate (PAC) is required		NA	NA	Yes
A PAC issued in English in another country is acceptable		NA	NA	Yes
One Drone Pilot can operate more than 1 drone simultaneously		NA	NA	
Operational control from a moving road vehicle is possible		NA	NA	
Operational control from a moving boat/ship Is possible		NA	NA	
Pre-flight inspection of a Drone Is mandatory		NA	NA	
Drone Pilot may use vision aids (binoculars, immersion goggles)		NA	NA	
Occurence (incident & accident) reporting is mandatory		NA	NA	
Occurrence reporting is possible online		NA	NA	

DATA PROTECTION & PRIVACY				
Responsability of Drone Operator		NA	NA	
Responsibility of person responsible for the drone mission		NA	NA	
Responsibility of Drone Pilot		NA	NA	
INSURANCE				
In application of Regulation 785/2004, Third Party Liability insurance is required for all drones flying in the EC, with the exception of model aircraft weighing less than 20 kg and flown under the auspices of associations or clubs that operate in accordance with National regulations or practices.				
Additional Third Party Liability insurance (on top of what is obligatory under Reg. 785/2004) is required for Recreational Drones (other than model aircraft)				
Third Party Liability Insurance required if participating in airshow			NA	
Third Party Liability insurance Is required for Model Aircraft with a mass of more than 20 kg		NA	?	NA
Minimal required liability coverage for drone weighing less than 25 kg	€		1 million	1 million
Minimal required liability coverage for drone weighing more than 25 kg	€		1 million	1 million
Coverage of recreational drones (other than model aircraft) is included in private liability / national home owner insurance		?	NA	NA
Insurance taken out In another EU country is accepted			NA	
Insurance taken out In a non-EU country is accepted (conditional)			NA	
AWARENESS CREATION				
The NAA has issued recommended guidelines or recommendations (other than legal texts; e.g. pamphlets, do's & don'ts, online documents, video clips)				
The national Data Protection Agency has published privacy guidelines				