DroneRules.eu

National Regulatory Profile

Finland

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)		TRAFI		
		www.trafi.fi		
Air Navigation Service Provider (ANSP)		Finavia		
		www.finavia.fi		
National Rules Are Applicable For				
Title of applicable document		Aviation act 864/2014		
Language in which official Rules are written		Finnish & Swedish		
Courtesy translation In English exists				
National Regulation Is Applicable For				
Title of applicable document		OPS M1-32 USE OF REMOTELY PILOTED AIRCRAFT AND MODEL AIRCRAFT		
Language in which official Regulation is written		Finnish & Swedish		
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		www.trafi.fi/en/aviation/unmanned_aviation/notification_on		
Cost (in Euro)	€	NA	NA	20
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	NA	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				?
FOREIGN Identity Plate is acceptable				
Maximum Authorized Aircraft Mass				
With Fuel	kg	25	25	25
Without Fuel	kg	NA	NA	NA
Mass Categories				
Upper Mass Limit - Category 1	kg	25	25	25
Upper Mass Limit - Category 2	kg	NA	NA	NA
Upper Mass Limit - Category 3	kg	NA	NA	NA
Upper Mass Limit - Category 4	kg	NA	NA	NA
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				
I For Drone with a mass of more than	kg	NA	NA	NA
I Average time required to obtain Type Certificate or Type Approval	Mnths	NA	NA	NA
I Cost to obtain Type Certificate or Type Approval	€	NA	NA	NA
I Type Certificate or Type Approval issued by		NA	NA	NA
I Foreign issued type certificate or type approval is accepted		NA	NA	NA
Certificate of Airworthiness (CoA) Required				
I For Drone with mass of more than	kg	NA	NA	NA
I Average Time Required to Obtain CoA	Days	NA	NA	NA
I Cost to Obtain CoA	€	NA	NA	NA
I CoA Granted By		NA	NA	NA
I Foreign issued CoA is accepted		NA	NA	NA
Specific Safety Features Required				
I Navigation Lights				
I Parachute - Fixed Wing Drone				
I Parachute - Rotary Wing Drone				
I Horizontal Drone Pilot/RPA distance limitation system				
I Vertical Drone Pilot/RPA distance limitation system				
I Telemetry channel independant from control link				
I Transponder				
I Transponder Frequency	MHz	NA	NA	NA
	GHz	NA	NA	NA
I Automatic engine shut-down in case of control link loss				
I Automatic landing instruction in case of control link loss				
I Audio pilot warning in case of control link loss				
I Onboard flight parameter recorder				
I 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	25
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				NA
Minimum visibility range	km			
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	NA

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			
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	NA
Description of scenario 1	NA	NA	NA
Description of scenario 2	NA	NA	NA
Description of scenario 3	NA	NA	NA
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	25

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	NA
Temporary Drone Operator Certificate is possible	NA	NA	
I Authority issuing Temporary Drone Operator Certificate	NA	NA	NA
Restricted Drone Operator Certificate is possible	NA	NA	
I Authority issuing Restricted Drone Operator Certificate	NA	NA	NA
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	NA
Minimum required age	Yrs	NA	NA	?
Name(s) of national qualified organisation(s) issuing Drone Pilot Certificates		NA		
A Physical / mental Aptness Certificate (PAC) is required		NA	NA	NA
A PAC issued in English in another country is acceptable		NA	NA	NA
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				
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	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	€	?	NA	1 million
Minimal required liability coverage for drone weighing more than 25 kg	€	NA	NA	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)			