

I just bought a drone or i'm planning to operate a drone for the first time in Portugal

*sensor - image or acoustic sensor (camera)

$$**KE = KE (J) = \frac{1}{2} \times m (kg) \times V_{max} (m/s)^2$$

Less than 250g without sensor* and kinetic energy of impact (KE) lower than 80J**

UAS operator registration is not required

UAS Operator Registry number is required

Where are you from?

EU Member State Operator

Third Country Operator

- You shall be **registered** at the **Member State** where you have your **residence** (natural persons) or **principal place of business** (legal person) and **append** your **UAS operator number** to the drones / Remote ID device.
- No need to register at Portugal.

- If Portugal is the **first place of operation**, then you can proceed to the UAS operator registration at ANAC.
- If you already are registered as operator at another EU Member state, there is no need to perform registration once again (proceed to "EU Member State Operator").

Only possible to operate A1 subcategory with <250g and C0 UAS

UAS operator registration platform
- Before starting the registration process, you must first obtain a mobile authentication key (CMD - "Chave Móvel Digital") at any government agency "Loja do Cidadão".
- Then you can proceed to the registration platform and fill the forms with your personal data:
Platform: **uas.anac.pt**
- **NOTE:** Don't forget to select "Portugal" as origin country

- An UAS operator number is generated after ANAC validation (format PRT-ABC0123456789)
- The UAS operator number is available at the registration platform dashboard. You shall append the UAS operator registry number to all drones you operate / Remote ID device.



- Both training course and examination for the **A1-A3 Subcategory**, are performed online through the online training and examination platform:
<https://rp.anac.pt>

- For the **A2 Subcategory**, the training course is available online but the examination must be scheduled and performed at ANAC facilities.
- The A2 exam can only be performed by operators/remote pilots that have a proof of completion of A1-A3 theoretical knowledge examination.

I want to start flying

I must comply with the **Open Category Rules** (VLOS up to 120m Above Ground Level (AGL), among other open subcategory rules)

Drone to be used: <250g, C0, C1
<250g, C0 and C1 UAS allowed

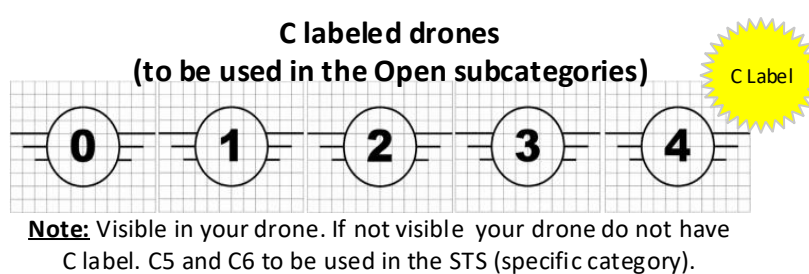
Drone to be used: C2
only C2 UAS allowed

Drone to be used: <250g, C0, C1, C2, C3, C4, <25Kg
Note: Except C5 and C6 (only for specific STS)
A1-C UAS allowed

A1 Subcategory
Remote pilot competency:
- Competency certificate for the A1-A3 Subcategories
Rules:
- uninvolved persons can be overflown (with caution);
- assemblies of people cannot be overflown.
***Online training and examination**
Note: The remote pilot does not need an A1-A3 proof of completion of online training if a less than 250g or C0 drone is operated

A2 Subcategory
Remote pilot competency:
- Competency Certificate for the A2 subcategory
Rules:
- keep a 30m horizontal clearance from uninvolved distance;
- Deduction possible 5m 1:1 rule C2-low speed
- assemblies of people cannot be overflown.
***Online training and examination at ANAC**

A3 Subcategory
Remote pilot competency:
- Competency certificate for the A1-A3 Subcategories
Rules:
- keep a 150m horizontal distance from uninvolved persons as well as residential, commercial, industrial or recreational areas;
- assemblies of people cannot be overflown.
***Online training and examination**



MTOM > 900g? (Decree-Law 58/2018)

Contract liability Insurance (Portuguese Ordinance n.º 02/2021)

Comply with geographical zones restrictions and/or limitations (additional authorisations might be required from other entities)

Download/Check geographical zones at: uas.anac.pt/explore
ED-269

Request aerial survey authorisation to Autoridade Aeronáutica Nacional (AAN - www.aan.pt)

Sensor* onboard?

EN Tutorial available: https://www.anac.pt/SiteCollectionDocuments/UAS_DRONES/20230926%20Tutorial%20ZG%20UAS_ANAC%20v1%2031.11.2023.pdf
Example of the geozones information to be consulted (<https://uas.anac.pt/explore> or at the newest version of VOANABOIA App (IOS/Android))

Park, nature reserve or protected areas

Requires authorisation from:
- Instituto da Conservação da Natureza e das Florestas I.P., ICNF (Portugal Mainland)
- Instituto das Florestas e Conservação da Natureza IP-RAM, IFCN (Madeira Islands)
- Direção Regional do Ambiente, DRA (Azores Islands)

Civil heliport, Aerodrome without ATZ/TRMZ or CTR, Ultralight Airstrip

Requires authorisation from:
- Director of civil heliport, aerodrome or ultralight airstrip to operate within a 2,5 km radius

AFIS or Aerodrome with ATZ/TRMZ

Requires authorisation from:
- AFIS or director of aerodrome with ATZ/TRMZ

Dangerous Areas (D), Temporary reserved (TRA) and Prohibited (P) of military jurisdiction

Requires authorisation from:
- Autoridade Aeronáutica Nacional (AAN)

Heliport of Emergency Medical Services (HEMS)

It is **not allowed** to operate in the Open category within a 1km radius.

Prohibited Area, Areas 1, 2 and 3 of protection of international airports

- **Prohibited Area:** not allowed to operate in the Open category
- **Area 1***:** up to 30 m AGL
- **Area 2***:** up to 60m AGL
- **Area 3***:** up to 80m AGL

I am not able to comply with the Open category (and subcategories) rules

***Height measurement system is mandatory

You shall comply with the **Specific category rules** in order to ensure the operation can be conducted without jeopardizing the safety of other airspace users and uninvolved persons on ground.
Additional information can be found at www.anac.pt dedicated subpage for UAS domain

Increased risk operation! Cannot be performed in the Open subcategories!

Remote ID in the open category: Only required if mandated in the geographical zone, and if C1, C2, C3 UAS are used
Remote ID in the specific category: Mandatory