

Full Name:

I.D no:

Tel.no:

PRACTICAL SELF-TRAINING DECLARARION FORM

LIST OF PRACTICAL COMPETENCIES

(a) Preparation of the UAS operation:

1. make sure that the:
 - a) Chosen payload is compatible with the UAS used for the UAS operation;
 - b) Zone of UAS operation is suitable for the intended operation; and
 - c) UAS meets the technical requirements of the geographical zone;
2. Define the area of operation in which the intended operation takes place in accordance with UAS.OPEN.040;
3. Define the area of operation considering the characteristics of the UAS;
4. Identify the limitations published by the MS for the geographical zone (e.g. no-fly zones, restricted zones and zones with specific conditions near the operation zone), and if needed, seek authorisation by the entity responsible for such zones;
5. Identify the goals of the UAS operation;
6. Identify any obstacles and the potential presence of uninvolved persons in the area of operation that could hinder the intended UAS operation; and
7. Check the current meteorological conditions and the forecast for the time planned for the operation.

(b) Preparation for the flight:

1. Assess the general condition of the UAS and ensure that the configuration of the UAS complies with the instructions provided by the manufacturer in the user's manual;
2. Ensure that all removable components of the UA are properly secured;
3. Make sure that the software installed on the UAS and on the remote pilot station (RPS) is the latest published by the UAS manufacturer;
4. Calibrate the instruments on board the UA, if needed;
5. Identify possible conditions that may jeopardise the intended UAS operation;

6. Check the status of the battery and make sure it is compatible with the intended UAS operation;
7. Update the geo-awareness system; and
8. Set the height limitation system, if needed.

(c) Flight under normal conditions:

1. Using the procedures provided by the manufacturer in the user's manual, familiarise with how to:
 - i. take off (or launch);
 - ii. make a stable flight:
 - a) hover in case of multirotor UA;
 - b) perform coordinated large turns;
 - c) perform coordinated tight turns;
 - d) perform straight flight at constant altitude;
 - e) change direction, height and speed;
 - f) follow a path;
 - g) return of the UA towards the remote pilot after the UA has been placed at a distance that no longer allows its orientation to be distinguished, in case of multirotor UA;
 - h) perform horizontal flight at different speed (critical high speed or critical low speed), in case of fixed wing UA;
 - iii. keep the UA outside no-fly zones or restricted zones, unless holding an authorisation;
 - iv. use some external references to assess the distance and height of the UA;
 - v. perform return to home procedure — automatic or manual;
 - vi. land (or recovery); and
 - vii. perform landing procedure and missed approach in case of fixed wing UA; and
- (2) maintain a sufficient separation from obstacles;

(d) Flight under abnormal conditions:

1. Manage the UAS flight path in abnormal situations;
2. Manage a situation when the UAS positioning equipment is impaired;
3. Manage a situation of incursion of a person into the area of operation, and take appropriate measures to maintain safety;
4. Manage the exit from the operation zone as defined during the flight preparation;
5. Manage the incursion of a manned aircraft nearby the area of operation;

6. Manage the incursion of another UAS in the area of operation;
7. Select the safeguard mechanism relevant to a situation;
8. Deal with a situation of a loss of attitude or position control generated by external phenomena;
9. Resume manual control of the UAS when automatic systems render the situation dangerous;
10. Carry out the loss of link procedure.

(e) Briefing, debriefing and feedback:

- i. Conduct a review of the UAS operation; and
- ii. Identify situations when an occurrence report is necessary and complete the occurrence report.

I hereby declare that I have successfully executed the above Practical Self-Training Competencies required for UAS Operations in Subcategory A2 and that I have performed as many flights as deemed necessary to gain a reasonable level of knowledge and the skills to:

- **Operate my UAS within its limitations**
- **Demonstrate my practical skill competencies when asked by the authority**
- **Complete all manoeuvres with smoothness and accuracy**
- **Exercise good judgment and airmanship and apply my theoretical knowledge**
- **Maintain control of the UA at all times in such a manner that the successful outcome of a procedure or manoeuvre is never seriously in doubt**
- **Complete the practical self-training with a UAS that features the same flight characteristics (e.g. fixed wing, rotorcraft), control scheme (manual or automated, human machine interface) and a similar weight as the UAS intended for use in the UAS operation. This implies the use of a UA with an MTOM of less than 4 kg**
- **Use both manual and automated control schemes (where available) and demonstrate proficiency with every automated feature available on my UAS**

Date:

Signature: