

Note: All fields must be filled in.	OPERATIONAL PLAN	
Date:	Flight ID and Flight Date:	
Internal Reference Number :		
Location:		
Flight Information		
1. Name of PIC:	Signature:	
2. Phone number:		
3. Email:		
4. Name of internal Pilot:		
5. Name of external Pilot:		
6. Names of additional crew, if applicable. If yes describe their tasks.		
7. Purpose of the operation:		
8. Type of UAS, payload and equipment:		
9. Take off time [hh:mm]:	10. Landing time [hh:mm]:	
11. Estimated Elapsed Time [hh:min]:	12. Endurance (considering the fuel amount) [hh:min]:	

13. Is the fuel amount sufficient for the mission? (Endurance time > Estimated Elapsed Time) Yes / No

If the answer is no, the flight shall be cancelled.

14. Weather conditions (describe the weather conditions):

15. Are the weather conditions exceeding the UAS limitations? Yes / NO

If yes the flight shall be postponed until the weather conditions are within the UAS limitations.

Note: Operating the UAS outside of the UAV limitations shall be avoided.

16. NOTAMS checked?

17. Flight in prohibited areas, restricted or danger area?

18. TO-, landing and alternate area location(s): (adress or coordinates)

19. Mission plan overview of the operating side:

Please describe the flying area drawing the map with the **take off and landing side, roads, houses, main obstacles, the location of the ground control station, the external pilot location, alternative TO and landing side and any important detail.**

20. Average cruise altitude [ft]:

21. Average speed [knot]:

22. Type of mission: VLOS / BVLOS

23. Air Risk Class (ARC) [a-d] (see the appendix 1.1):

24. Ground risk class [1-10] (see the appendix 1.2):

25. Do you mitigate the ground risk? Yes / No

If yes, see the appendix 1.2.1. Please explain the mitigation actions.

26. After the mitigation actions, what is the final Ground risk class [1-10]:

27. What is your SAIL level [I-VI] (see the appendix 1.3):

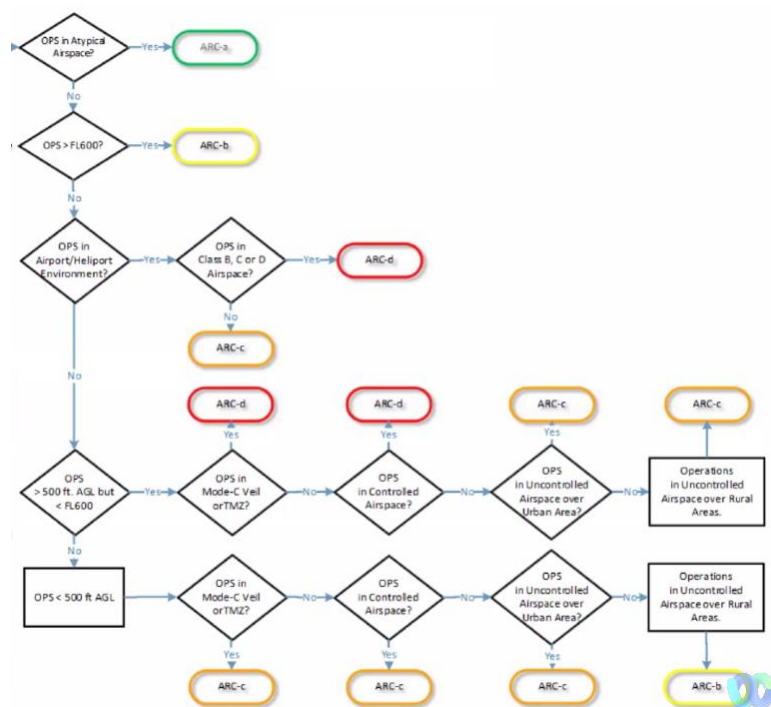
28. Is your final SAIL level higher than SAIL II?

If yes, you can not proceed with the mission. The mission shall be redesign in order to have a maximum SAIL equal or lower than two.

29. Remarks:

Appendix 1.1

Air Risk Class:



4 air risk classes (ARC)

- ARC a ← Negligible encounter rate
- ARC b ← Low encounter rate
- ARC c ← Medium encounter rate
- ARC d ← High encounter rate

Appendix 1.2

Ground Risk Class

Intrinsic UAS Ground Risk Class						
Maximum dimension	UA characteristic	1m / approx. 3ft	3m / approx. 10ft	8m / approx. 25ft	20m / approx. 65ft	40m / approx. 130ft
Maximum cruise speed		25 m/s	35 m/s	75 m/s	150 m/s	200 m/s
Maximum population density (ppl/km ²)	Controlled ground area	1	2	3	4	5
	< 25	3	4	5	6	7
	< 250	4	5	6	7	8
	< 2,500	5	6	7	8	9
	< 25,000	6	7	8	9	10
	< 250,000	7	8	9	10	11
	> 250,000	7	9	Not part of SORA		

1.2.1 Ground Risk Mitigation

	Level of Robustness		
	Low	Medium	High
Mitigations for ground risk			
M1(A) - Strategic mitigations for ground risk	-1	-2	-3
M1(B) - Visual Line of Sight (VLOS) - avoid flying over people	-1	N/A	N/A
M2 - Effects of UA impact dynamics are reduced	0	-1	-2/-3

Appendix 1.3

SAIL Determination

SAIL determination				
	Residual ARC			
Final GRC	a	b	c	d
≤2	I	II	IV	VI
3	II	II	IV	VI
4	III	III	IV	VI
5	IV	IV	IV	VI
6	V	V	V	VI
7	VI	VI	VI	VI
>7	Category C operation			

Table 5 — SAIL determination