

VI MÖJLIGGÖR  
MORGONDAGENS  
**RESOR OCH  
TRANSPORTER**

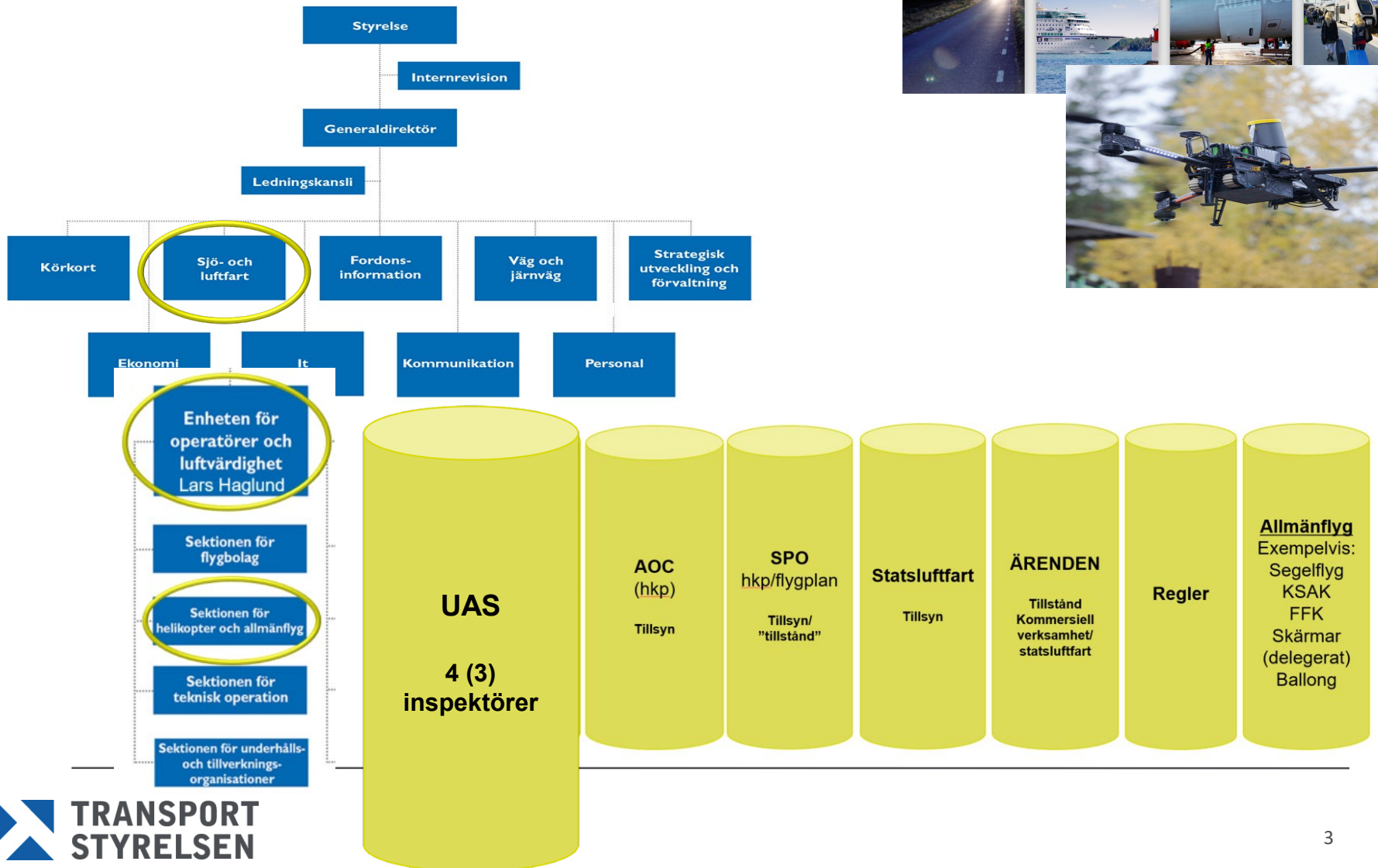
# Det här är Transportstyrelsen och sektionen för Helikopter & Allmänflyg

ADS skolmöte 2024-03-20  
Magnus Selin

# Agenda

- UAS-gruppen – vilka är vi och vad gör vi?
- Operativa auktorisationer – läget idag
- SORA-metoden
  - Några viktiga skillnader i kommande SORA 2.5(?)
- Vägen till auktorisation
  - Inledande konsultation
  - Blanketter
  - Ansökan

# Transportstyrelsen



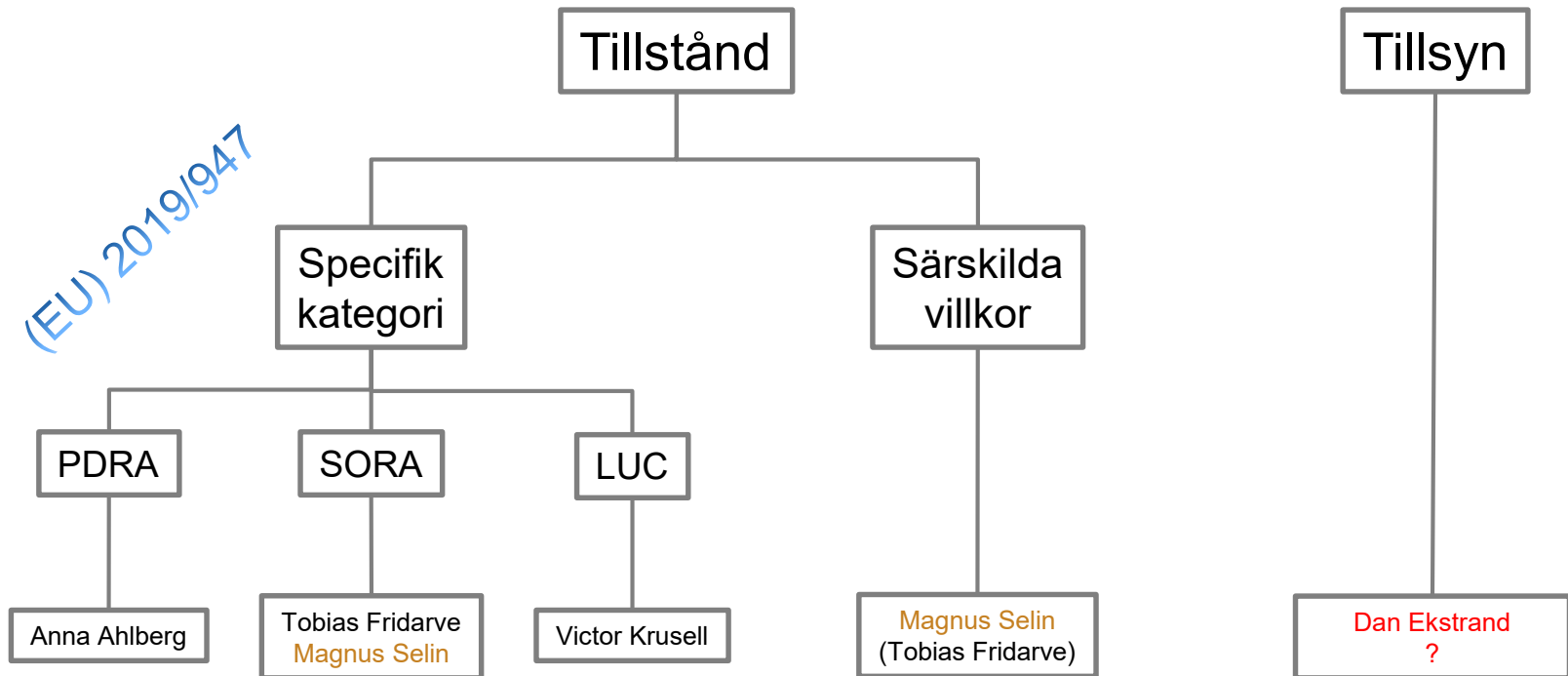
## **Norrköping**

- Tobias Fridarve, inspektör / UAS-koordinator
- Anna Ahlberg, inspektör

## **Kista**

- Magnus Selin, inspektör (slutar 27 mars 2024)
- Victor Krusell, inspektör

# Huvuduppgifter UAS



# Läget idag

## **LUC**

1 Operatör

## **SORA**

13 Operatörer

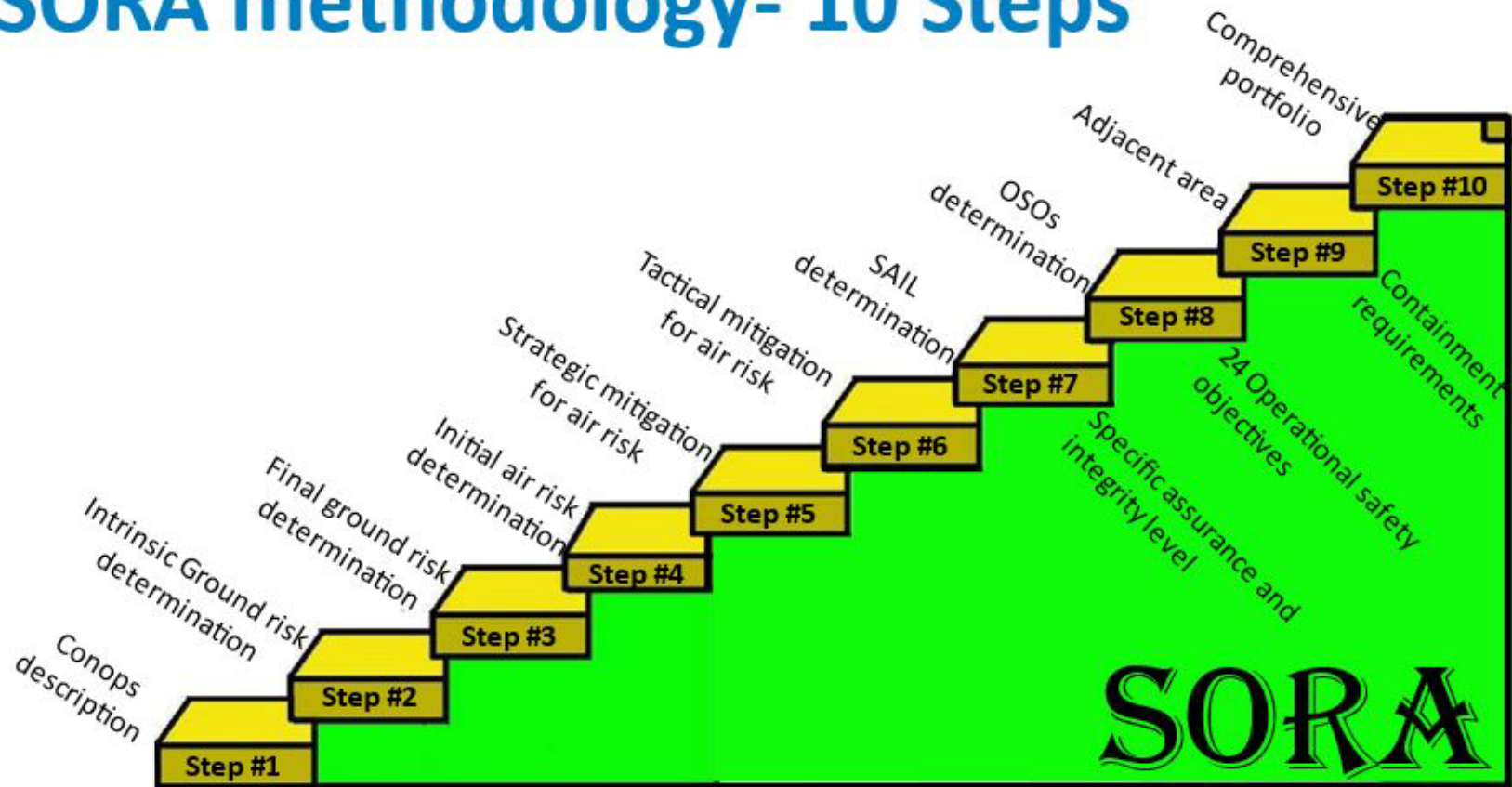
## **PDRA**

19 Operatörer

## **Särskilda Villkor**

58 Operatörer

## SORA methodology- 10 Steps



# Steg #1 - ConOps description

## Concept of Operations (ConOps)

“Operation description”  
(SORA 2.5)

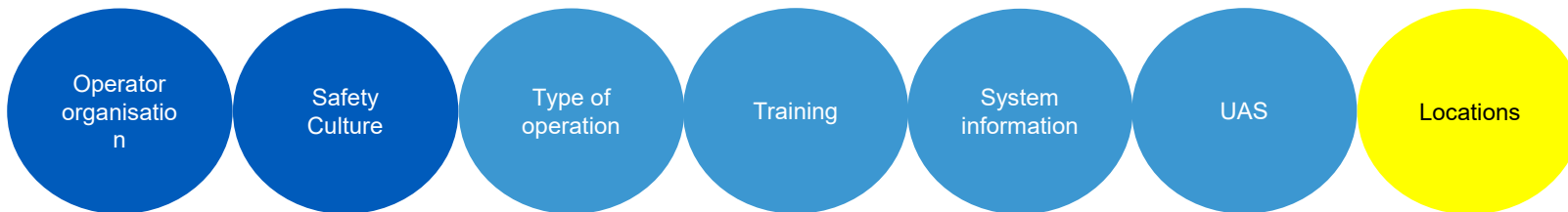
### ConOps beskrivning

- ✓ Den sökande beskriver relevant information om system, tekniska delar och operativa procedurer som behövs för att bedöma risken i samband med den avsedda operationen.
- ✓ Det är grunden för alla andra aktiviteter.

### Resultat

- ✓ Beskrivning av den avsedda operationen.

Vad du vill göra, vart du vill flyga,  
vilken UAS tänker du använda



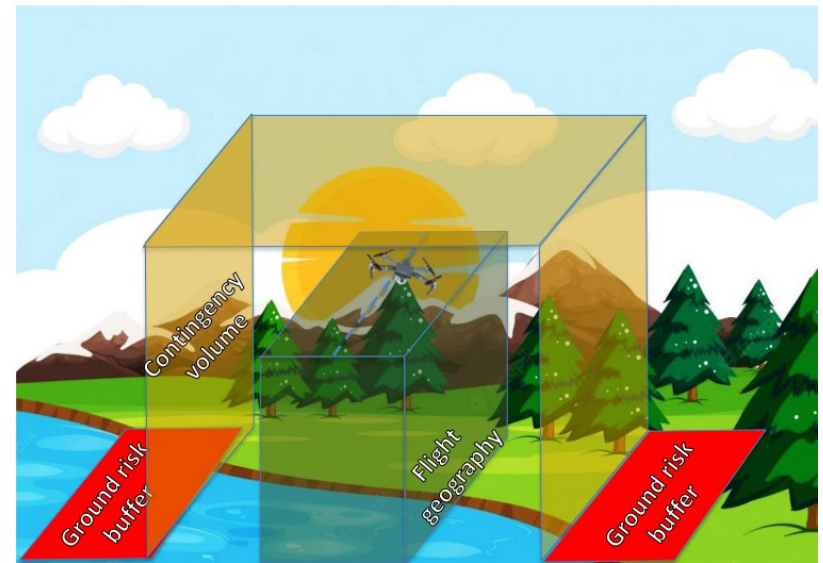


# Steg #2 - Determination of the UAS intrinsic ground risk class (GRC)

Intrinsic UAS ground risk class				
Max UAS characteristics dimension	1 m / approx. 3 ft	3 m / approx. 10 ft	8 m / approx. 25 ft	>8 m / approx. 25 ft
Typical kinetic energy expected	< 700 J (approx. 529 ft lb)	< 34 kJ (approx. 25 000 ft lb)	< 1 084 kJ (approx. 800 000 ft lb)	> 1 084 kJ (approx. 800 000 ft lb)
<b>Operational scenarios</b>				
VLOS/BVLOS over a controlled ground area <sup>3</sup>	1	2	3	4
VLOS over a sparsely populated area	2	3	4	5
BVLOS over a sparsely populated area	3	4	5	6
VLOS over a populated area	4	5	6	8
BVLOS over a populated area	5	6	8	10
VLOS over an assembly of people	7			
BVLOS over an assembly of people	8			

Table 2 — Determination of the intrinsic GRC

**iGRC 5**



# Steg #2 – SORA 2.0 vs 2.5

v2.0

## Ändringar i SORA 2.5

v2.5

Intrinsic UAS Ground Risk Class				
Max UAS characteristics dimension	1 m / approx. 3ft	3 m / approx. 10ft	8 m / approx. 25ft	>8 m / approx. 25ft
Typical kinetic energy expected	< 700 J (approx. 529 Ft Lb)	< 34 KJ (approx. 25000 Ft Lb)	< 1084 KJ (approx. 800000 Ft Lb)	> 1084 KJ (approx. 800000 Ft Lb)
Operational scenarios				
VLOS/BVLOS over controlled ground area	1	2	3	4
VLOS in sparsely populated environment	2	3	4	5
BVLOS in sparsely populated environment	3	4	5	6
VLOS in populated environment	4	5	6	8
BVLOS in populated environment	5	6	8	10
VLOS over gathering of people	7			
BVLOS over gathering of people	8			

Table 2 – Intrinsic Ground Risk Classes (GRC) Determination

Intrinsic UAS Ground Risk Class						
Max UA characteristics dimension		1 m	3 m	8 m	20 m	40 m
Max cruise speed		25 m/s	35 m/s	75 m/s	150 m/s	200 m/s
Maximum iGRC population density (ppl/km <sup>2</sup> )	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	Category C Operations (Not part of SORA)		

Table 2 – Intrinsic Ground Risk Class (GRC) Determination

Quantitative Population Value (ppl/km <sup>2</sup> )	< 25	< 250	< 2,500	< 25,000	< 250,000	> 250,000
Qualitative Description	Rural	Sparsely Populated	Suburban	Urban	Dense Urban	Assembly of people 10,000 is the minimum number of people to qualify for assembly of people

# Steg #3 - Final GRC determination

## iGRC 5

Mitigation Sequence	Mitigations for ground risk	Robustness		
		Low/None	Medium	High
1	M1 – Strategic mitigations for ground risk <sup>1</sup>	0: None -1: Low	-2	-4
2	M2 – Effects of ground impact are reduced <sup>2</sup>	0	-1	-2
3	M3 – An emergency response plan (ERP) is in place, the UAS operator is validated and effective	1	0	-1

Table 3 – Mitigations for final GRC determination

Max UAS characteristics dimension	Intrinsic UAS ground risk class			
	1 m / approx. 3 ft	3 m / approx. 10 ft	8 m / approx. 25 ft	>8 m / approx. 25 ft
Typical kinetic energy expected	< 700 J (approx. 529 ft lb)	< 34 kJ (approx. 25 000 ft lb)	< 1 084 kJ (approx. 800 000 ft lb)	> 1 084 kJ (approx. 800 000 ft lb)
<b>Operational scenarios</b>				
VLOS/BVLOS over a controlled ground area <sup>3</sup>	1	2	3	4
VLOS over a sparsely populated area	2	3	4	5
BVLOS over a sparsely populated area	3	4	5	6
VLOS over a populated area	4	5	6	8
BVLOS over a populated area	5	6	8	10
VLOS over an assembly of people	7			
BVLOS over an assembly of people	8			

Table 2 – Determination of the intrinsic GRC

M1: reducering av antalet människor utsatta för risk inom operationsområdet (operationsvolym + markriskbuffert)

M2: reducering av effekterna vid en markkollision (t.ex. fallskärm)

M3: ERP – begränsa följd effekterna vid t.ex. krasch eller fly-away

Final GRC 3  
(5-1-1=3)

# Steg #3 - SORA 2.0 vs 2.5

## Ändringar i SORA 2.5

v2.0

Mitigation Sequence	Mitigations for ground risk	Robustness		
		Low/None	Medium	High
1	M1 - Strategic mitigations for ground risk <sup>e</sup>	<b>0: None</b> <b>-1: Low</b>	<b>-2</b>	<b>-4</b>
2	M2 - Effects of ground impact are reduced <sup>f</sup>	<b>0</b>	<b>-1</b>	<b>-2</b>
3	M3 - An Emergency Response Plan (ERP) is in place, operator validated and effective	<b>1</b>	<b>0</b>	<b>-1</b>

Table 2 – Mitigations for Final GRC determination

v2.5

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

Table 4 – Mitigations for Final GRC Determination

# Steg #3 - Final GRC determination

## Annex B

				M2		
Criteria	Required robustness	Requirement	Criterion description	Reference	Motivation	Text in manual
Criterion #1 (Technical design))	Medium	Integrity	(a) Effects of impact dynamics and post impact hazards <sup>1</sup> are significantly reduced although it can be assumed that a fatality may still occur. (b) When applicable, in case of malfunctions, failures or any combinations thereof that may lead to a crash, the UAS contains all the elements required for the activation of the mitigation. (c) When applicable, any failure or malfunction of the proposed mitigation itself (e.g. inadvertent activation) does not adversely affect the safety of the operation.			
Criterion #1 (Technical design))	Medium	Integrity Comment	<i>1 Examples of post impact hazards include fires and the release of high-energy parts.</i>			
Criterion #1 (Technical design))	Medium	Assurance	The applicant has supporting evidence to claim that the required level of integrity is achieved. This is typically <sup>2</sup> done by means of testing, analysis, simulation <sup>3</sup> , inspection, design review or through operational experience.			
Criterion #1 (Technical design))	Medium	Assurance Comment	<i>2 The use of industry standards is encouraged when developing mitigations used to reduce the effect of ground impact. 3 When simulation is used, the validity of the targeted environment used in the simulation needs to be justified.</i>			
Criterion #2 (Procedures, if applicable)	Medium	Integrity	Any equipment used to reduce the effect of the UA impact dynamics is installed and maintained in accordance with the manufacturer's instructions. <sup>4</sup>			

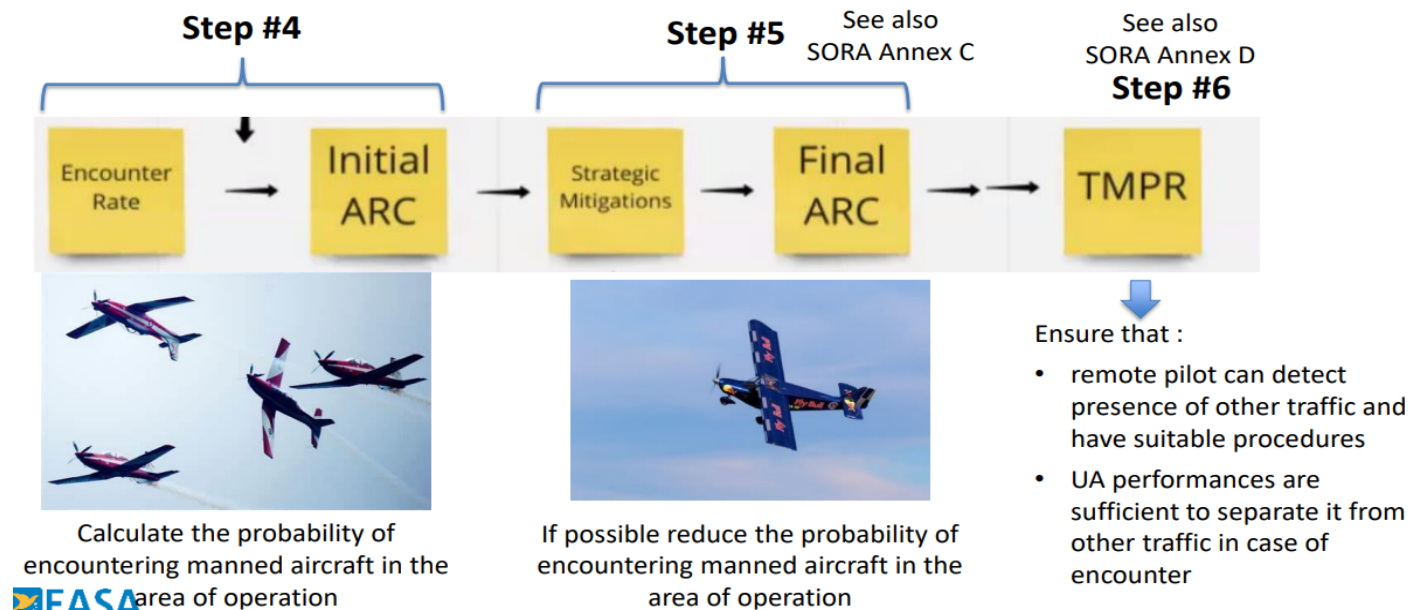
Välj nivå på robustness

Beskrivning av VAD som ska uppvisas

Beskrivning av nivån på det som ska uppvisas (deklaration, stödande bevis,...)

# Steg #4, #5 och #6

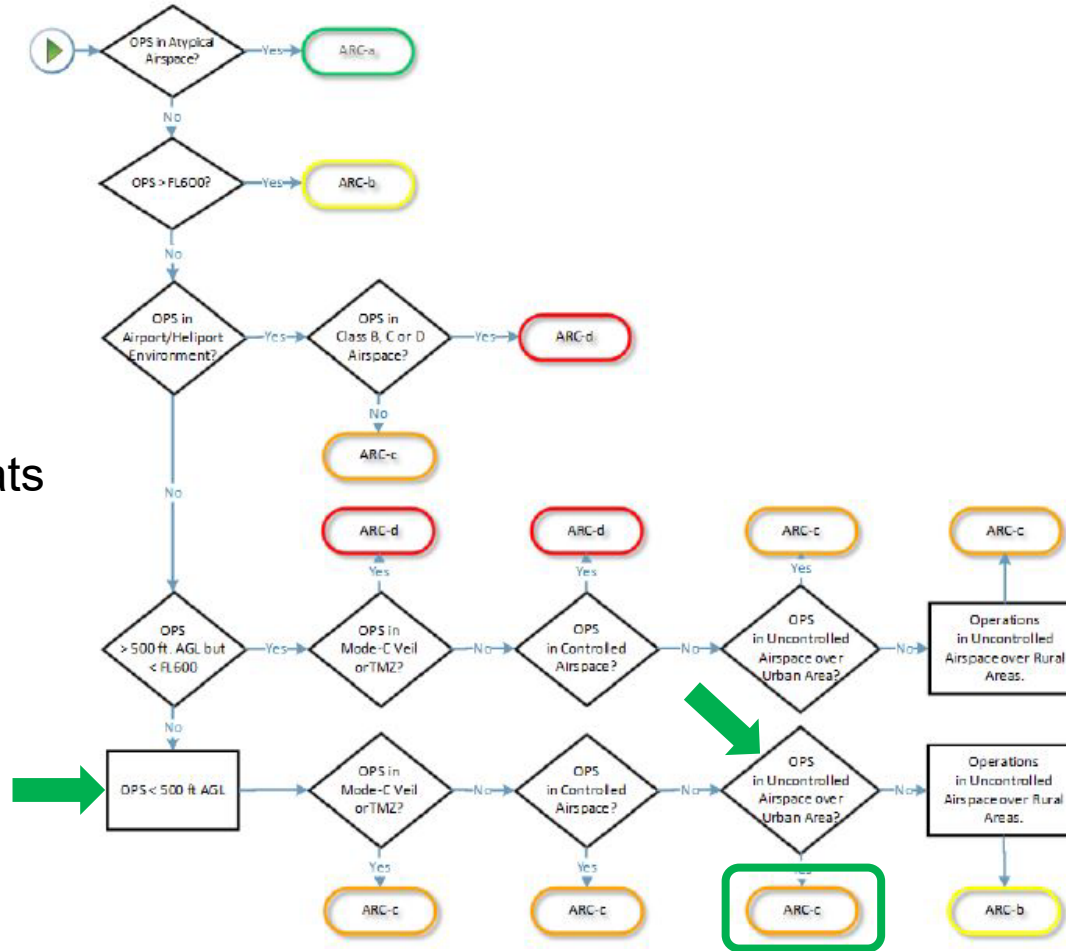
Air risk assessment - Air risk classification and strategic mitigations - Tactical mitigation performance requirement (TMPR) and robustness levels



# Steg #4 - Determination of the initial air risk class (ARC)

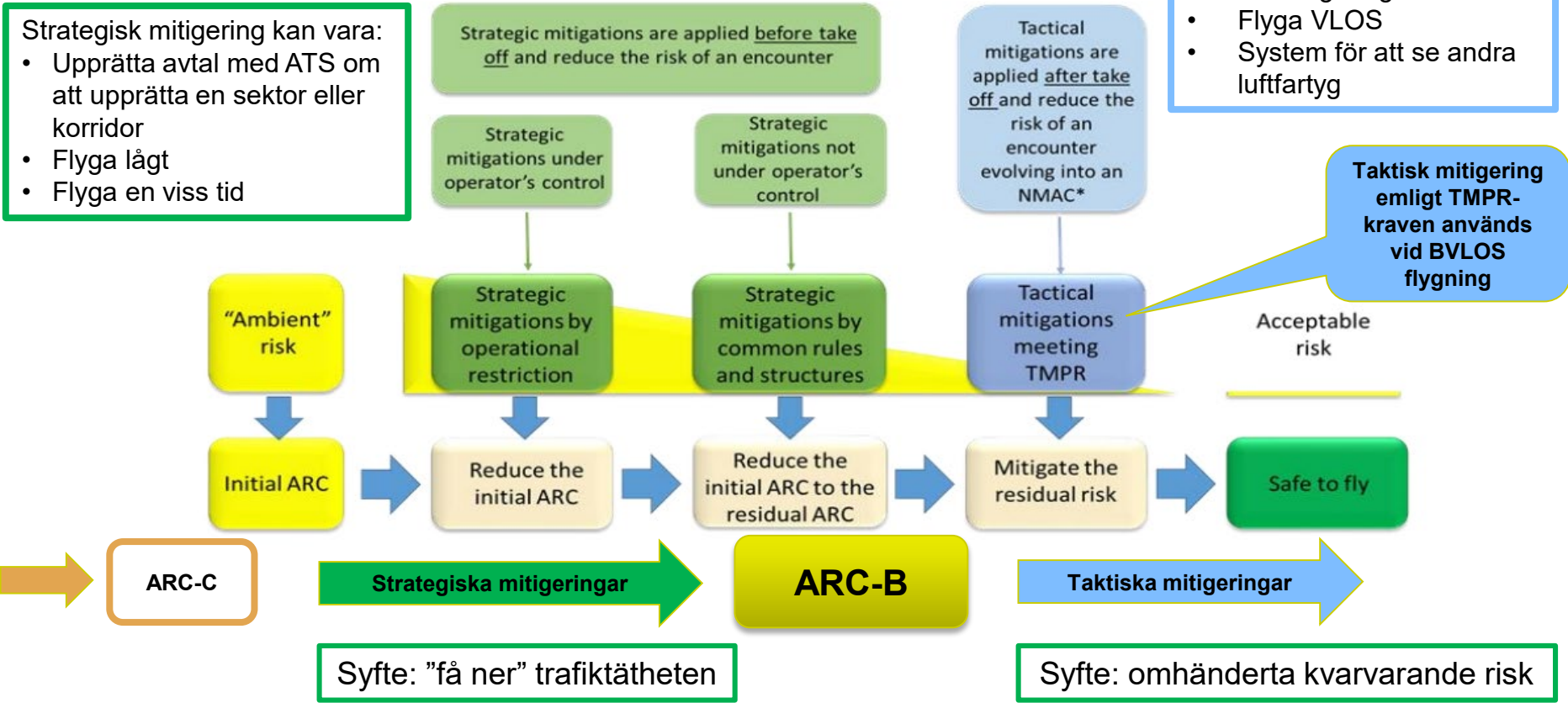
## Exempel

- G-luft
- Ej nära flygplats
- <120 m AGL
- Över tätort



# Steg #5 – Strategic mitigations

## Steg #6 Tactical mitigations





# Steg #7 - SAIL determination

## Specific Assurance and Integrity Level

Final GRC: 3  
Residual ARC: B

Final GRC	Residual ARC			
	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	Certifierade kategorin			

SAIL II

# Steg #8 - Identification of operational safety objectives (OSOs)

OSO number (in line with Annex E)		SAIL					
		I	II	III	IV	V	VI
	<b>Technical issue with the UAS</b>						
OSO#01	Ensure the UAS operator is competent and/or proven	O	L	M	H	H	H
OSO#02	UAS manufactured by competent and/or proven entity	O	O	L	M	H	H
OSO#03	UAS maintained by competent and/or proven entity	L	L	M	M	H	H
OSO#04	UAS developed to authority recognised design standards <sup>1</sup>	O	O	L	L	M	H
OSO#05	UAS is designed considering system safety and reliability	O	O	L	M	H	H
OSO#06	C3 link performance is appropriate for the operation	O	L	L	M	H	H
OSO#07	Inspection of the UAS (product inspection) to ensure consistency with the ConOps	L	L	M	M	H	H
OSO#08	Operational procedures are defined, validated and adhered to	L	M	H	H	H	H
OSO#09	Remote crew trained and current and able to control the abnormal situation	L	L	M	M	H	H
OSO#10	Safe recovery from a technical issue	L	L	M	M	H	H
	<b>Deterioration of external systems supporting UAS operations</b>						
OSO#11	Procedures are in-place to handle the deterioration of external systems supporting UAS operations	L	M	H	H	H	H
OSO#12	The UAS is designed to manage the deterioration of external systems supporting UAS operations	L	L	M	M	H	H

Optional  
Low  
Medium  
High

- **Technical issue with the UAS**  
OSO #1-10
- **Deterioration of external systems supporting UAS operations**  
OSO #11-13
- **Human error**  
OSO #14-20
- **Adverse operating conditions**  
OSO #21-24

# Steg #8 - Identification of operational safety objectives (OSOs)

## Annex E

### Exempel OSO #3 UAS maintained by competent and/or proven entity

OSO	Criteria	Required robustness	Criterion description	Operatör			Compliant Y/N	TS TS Comment
				Reference	Motivation	Text in manual		
OSO #03	TECHNICAL ISSUE WITH THE UAS			OSO #03 UAS maintained by competent and/or proven entity				
OSO #03				Integrity requirements				
OSO #03		Low	(a) The UAS maintenance instructions are defined, and, when applicable, cover the UAS designer's instructions and requirements.					
OSO #03			(b) The maintenance staff is competent and has received an authorisation to carry out UAS maintenance.					
OSO #03			(c) The maintenance staff use the UAS maintenance instructions while performing maintenance.					
OSO #03				Assurance requirements				
OSO #03	Criterion #1 Procedure	Low	(a) The maintenance instructions are documented					
OSO #03			(b) The maintenance conducted on the UAS is recorded in a maintenance log system.					
OSO #03			(c) A list of the maintenance staff authorised to carry out maintenance is established and kept up to date.					
OSO #03	Criterion #2 Training	Low	A record of all the relevant qualifications, experience and/or training completed by the maintenance staff is established and kept up to date.					
OSO #03								

Beskrivning av VAD som ska uppvisas

Beskrivning av nivån på det som ska uppvisas (deklaration, stödande bevis,...)

# Steg #9 - Adjacent area / airspace considerations

## Steg #2 till steg #8

Omhändertar riskerna för att garantera säkerhet i den **operativa volymen**

## Steg #9

Omhändertar riskerna för att garantera säkerhet i den **angränsande volymen**

**Enhanced eller Basic  
Containment**

# Steg #9 - Adjacent area / airspace considerations



→ If the adjacent volume contains:

(i) assemblies of people unless the UAS is already approved for operations over assemblies of people; or

(ii) ARC-d unless the residual ARC of the airspace area within the operational volume is already ARC-d;

→ or if the operational volume is in a populated area where:

(i) M1 mitigation has been applied to lower the GRC; or

(ii) operating in a controlled ground area



Ska vara ett oberoende system

**Enhanced containment**

The probability of the UA leaving the operational volume should be less than  $10^{-4}/FH$ ; and no single failure.

Declaration

Procedures

UAS Design

Or

Declaration

EASA MoC 2511

DVR

Applicable only in some cases

# Steg #9 - Adjacent area / airspace considerations

→ In all other cases

## Basic containment

No probable failure of the UAS or any external system supporting the operation should lead to operation outside the operational volume.

Declaration for :

- adequate procedures and
- using a UAS with no probable failure to exit the operational volume



Some drones with a system to terminate the flight qualifies for basic containment. Since it is not independent, it does not qualify for enhanced containment

# Steg #9 - Adjacent area / airspace considerations

## Ändringar i SORA 2.5

v2.5

Adjacent area final GRC	SAIL					
	I	II	III	IV	V	VI
≤3	N					
4	L	N				
5	L <sup>16</sup>	L	N			
6	M	M	L	N		
7	H	H	M	L	N	
8	C	C	C	M	L	N
9				C	M	L
10					C	M

Table 7 – Adjacent Area Containment Requirements

Highest Adjacent Airspace	SAIL I, II, III, IV	SAIL V, VI
ARC-a or ARC-b	None	None
ARC-c or ARC-d	Low	None

Table 8 – Adjacent Airspace Containment Requirements

Adjacent Airspace Containment Requirements	Adjacent Area Containment Requirements			
	None	Low	Medium	High
None	None	Low	Medium	High
Low	Low	Low	Medium	High

Table 9 – Final Containment Requirements

# SORA – Riskanalysen hos TS

- Steg #1 Concept of Operation (ConOps) / “Operation description” enligt SORA 2.5
- Steg #2 Determination of the intrinsic UAS ground risk class
- Steg #3 Final GRC determination
- Steg #4 Air risk assessment
- Steg #5 Air risk classification and strategic mitigations
- Steg #6 Tactical mitigation performance requirement (TMPR) and robustness levels
- Steg #7 SAIL determination
- Steg #8 Identification of Operational Safety Objectives (OSOs)
- Steg #9 Adjacent area/airspace considerations
- Steg #10 Comprehensive safety portfolio (Compliance with mitigations and OSOs)

Samordning internt hos Transportstyrelsen gällande de delar som berör luftrummet.

- Sektionen för helikopter och allmänflyg (Sloh)
- **Sektionen för luftrum och flygplatser (SLia)**

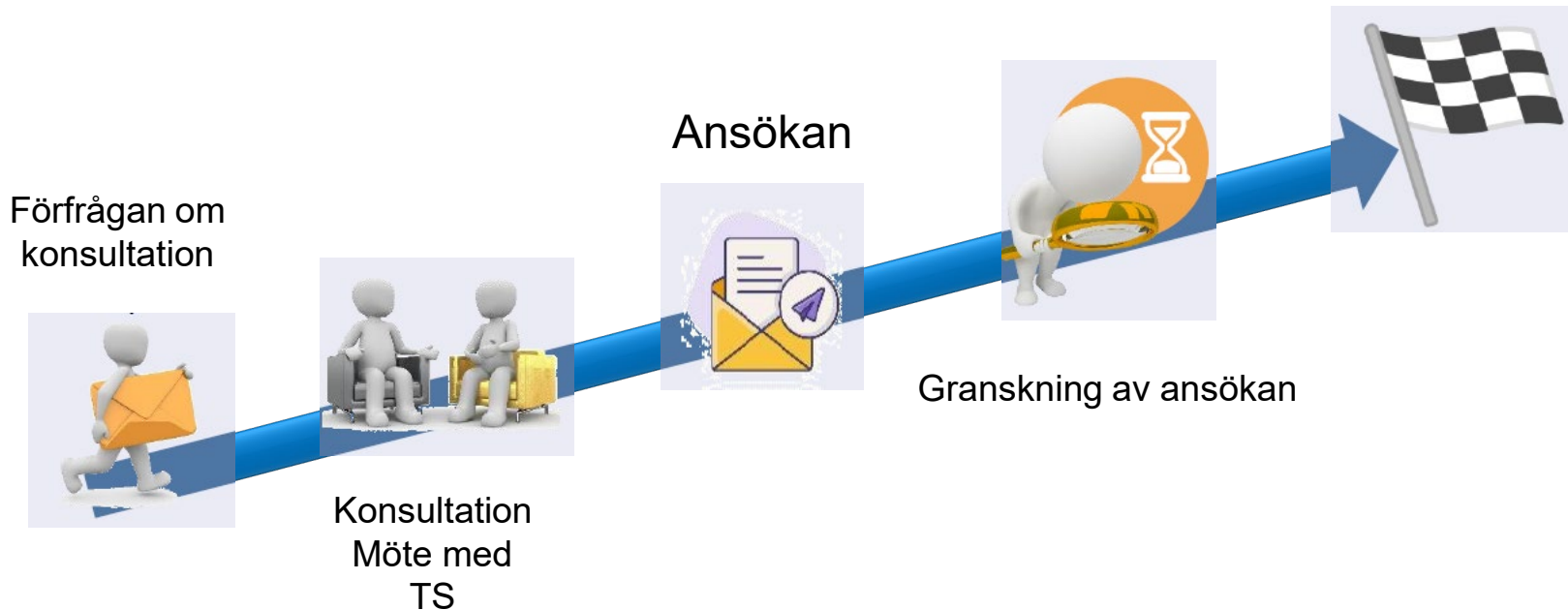
Möte med TS



# Vägen till en Operativ Auktorisation

Vägen till en Operativ Auktorisation är alltid densamma för varje ansökan som skickas in till Transportstyrelsen.

Operativ  
Auktorisation



# Förfrågan om konsultation



- Begäran om konsultationsmöte via mejl
- Konsultmötet är en gratistjänst!



Berechnungen für Contingency Volumen und Ground Risk Buffer		Berechnung Ausdehnung Contingency Volumen	
Spezifikationen		Bestimmung	
max. Geschwindigkeit	v [m/s] 35,0	Contingency Member (Radius Umkreislinie)	R <sub>CM</sub> [m] 34
charakteristische Dimension	D [m] 7	Contingency Member (Radius Umkreislinie)	R <sub>CM</sub> [m] 206,28
max. zul. Windschwindigkeit	V <sub>w</sub> [m/s] 7	<b>Ausdehnung Contingency Volumen</b>	<b>R<sub>CM</sub> [m] 206,28</b>
Erdbeschleunigung	g [m/s <sup>2</sup> ] 9,81		
Reflexion (Grad)	20	<b>Berechnung GRB (nur Antriebe ausgeschlossen)</b>	
max. Höhe	h <sub>max</sub> [m] 300	Erdbeschleunigung	g [m/s <sup>2</sup> ] 9,809
		<b>Erdbeschleunigung (Wahrschwerk)</b>	<b>R<sub>GRB</sub> [m] 296,4</b>
		Summe	2022 [m]
S <sub>PR</sub> SPR-Überschneidung	[m] 3	<b>Berechnung GRB (inkl. von + Bodenablage bei CLV/Fog edge)</b>	
S <sub>CR</sub> Reaktionshöhe	[m] 3	<b>Reaktionshöhe (Höheablage)</b>	<b>R<sub>GRB</sub> [m] 296,4</b>
S <sub>g</sub> Kopfhöhe	[m] 3	Summe	420 [m]
S <sub>g</sub> Reaktionshöhe (normal)	[m] 3		
S <sub>g</sub> Höhenunterschied	[m] 3	<b>Berechnung des Contingency Volumens</b>	
		Reaktionshöhe	R <sub>CR</sub> [m] 26,5
		Contingency Member	R <sub>CM</sub> [m] 206,28
		<b>Min. Contingency Volumen</b>	<b>R<sub>CM</sub> [m] 206,28</b>



**Koordinater för flygområdet enligt WGS84**  
(kan som tillägg även anges enligt kml eller kmz)

**Beräkning av yta för Flygområde, Beredskapsbuffert och Markriskbuffert**

**SORA-blankett (sida 1-5)**

# Förfrågan om konsultation



Operational Risk Analysis Overview for Operations in the Specific Category according to AMC1 to Article 11 IR (EU) 2015/947

1. Data of authorised UAS and operation

1.1 Manufacturer or Type Certificate holder

1.2 Model name

2. Specific operations Risk analysis

Step #1 Operations Manual (Concepts)

#1 Description of proposed operations including the locations

Please provide the OPS coordinates for the operational volume (flight paragraphs and contingency volume, the ground risk buffer and the air risk buffer (if available) as a separate file using either .doc, .xls or .xml.  
Give reference to the file name.

#3.2 Specify the Final Ground Risk Class

Remarks/Reasoning for Step #3

Step #7 SAIL determination

#7 Specific Assurance and Integrity Level

Class I  
 Class II  
 Class III  
 Class IV  
 Class V  
 Class VI

If area (ED-D)

Step #8 Identification of Operational Safety Objectives

#8 Operational Safety Objectives

As per identified SAIL from Step #7 and 2.3.2 of AMC1 to Article 11 (Table A1 of the EU) 2015/947?

Step #9 Adjacent area / Airspace considerations

#9 Safety requirement for containment (if one of the checkboxes is ticked, enhanced containment measures apply)

Please specify:  
The adjacent area:  
 contain assemblies of people  
 are ABC-d

If the operational volume is in a populated area:  
 No mitigation was applied  
 The operating area is controlled ground area

Remarks/Reasoning for Step #9

Step #10 Compliance matrix safety portfolio

#10 Compliance matrix for safety requirements

Please complete #10 in the compliance matrix for SOAs.  
Step #10 that can be found on the next page.

Have all safety requirements been described and met?  
 Yes  
 No

Place, Date

Name and Signature

Page 3 von 10

Page 4 von 10

## SORA-blankett (TSL7628)

- Sida 1-5
  - Detaljer om operationen och UAS
  - Mitigeringar
- Sida 6-8
  - OSOs och deras robusthetsnivå
  - Hänvisningar till OM och riskanalys
- Tillgängliga på Transportstyrelsens hemsida  
<https://www.transportstyrelsen.se/sv/Blanketter/Luftfart/dronare3/>

# Konsultation - Möte med TS



Fram till steg #7 samt steg #9 i riskanalysen

Baserat på den lämnade informationen och SORA-blanketten (sidan 1-5), diskutera och gemensamt komma överens om:

- iGRC och iARC
- Mitigeringar, TMPR, containment
- Final-GRC och final-ARC
- SAIL-klassificering

- Ingen granskning av OM, men råd om hur man skriver en bra
- Frågor angående UAS operationen kan ställas
- Konsultationstid: 1h
- Efter mötet - utskick av SORA blanketten med TS återkoppling till den sökande

# Ansökan



Operational Risk Analysis Overview for Operations in the Specific Category according to AMCI to Article 13 (R (EU) 2015/1047)	
1. Risk of collision and separation	
1.1 Number and type of operations	
1.2 Model name	
1.3 Type of obstacle/obstacles	<input type="checkbox"/> Conventional airports <input type="checkbox"/> Obstacle <input type="checkbox"/> Light tower <input type="checkbox"/> Other obstacle/s
1.4 Is the MSA defined along the approach?	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.5 Maximum characteristic dimension (including approach)	
1.6 Maximum operational speed	
1.7 Type of propulsion system	<input type="checkbox"/> Cruise <input type="checkbox"/> Turboprop <input type="checkbox"/> Turbojet <input type="checkbox"/> Other (please specify)
1.8 Number of take-off/landings or steep approach runs (if available)	
1.9 Number of passengers or crew members (if available)	
1.10 Number of passengers/cargo (if available)	
1.11 Transport of dangerous goods	<input type="checkbox"/> Yes <input type="checkbox"/> No (specify reference to Operations Manual (OM))
1.12 Type of operation	<input type="checkbox"/> Departure of flight (DOD) <input type="checkbox"/> Arrival of flight (AOD) <input type="checkbox"/> General description of operation(s)

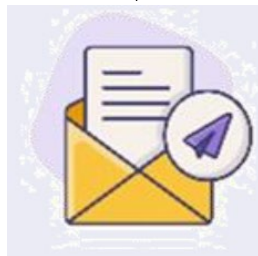


- Operativ Manual / ConOps
- Riskanalys
- Ev. stödande dokumentation

- SORA / PDRA blankett (alla 8 sidor)
- Ansökningsblankett

Koordinater för flygområdet enligt WGS84  
(kan som tillägg även anges enligt kml eller kmz)

Drönare - Transportstyrelsen



## Skicka in ansökan

- Via mejl till [luffart@transportstyrelsen.se](mailto:luffart@transportstyrelsen.se)
- Mottagningsbekräftelse från TS

# Granskning av ansökan



- Detaljerad granskning av OM, OSO:er och mitigerande åtgärder enligt kraven beroende på robusthetsnivå.
- Direkt feedback i ansökningsformuläret för varje OSO, grön bock eller en detaljerad kommentar om vad som saknas.
- Den sökande får tillbaka kravuppfyllnadsblanketten med Transportstyrelsens kommentarer.
- Återkoppling kan även ske på annat sätt om det passar bättre.

# Granskning av ansökan



## Operational Risk Analysis Overview for Operations in the Specific Category

SORA – AMC 1 to Article 11 IR (EU) 2019/947

6 (8)

### Operational Safety Objectives

What the proven	Level of containment				Remarks (e.g. EASA design verification)	Reference to documentation		
	<input type="checkbox"/> Optional	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High		Document name	Page number	Chapter number
OSO #02 UAS manufactured by competent and/or proven entity	<input type="checkbox"/> Optional	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #03 UAS maintained by competent and/or proven entity		<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #04 UAS developed to authority recognised design standards	<input type="checkbox"/> Optional	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #05 UAS is designed considering system safety and reliability	<input type="checkbox"/> Optional	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #06 C3 link characteristics are appropriate for the operation	<input type="checkbox"/> Optional	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #07 Inspection of the UAS (product inspection) to ensure consistency with the Co-nOps		<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #08 Operational procedures are defined, validated and adhered to		<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				
OSO #09 Remote crew trained and current and able to control the abnormal situation		<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input type="checkbox"/> High				

**GODKÄND**

**INTE GODKÄND**

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