

Formulation of means of compliance to SpecialCondition Light UAS in the frame of EASA DVR projects

As required by the published DVR guidelines, applicants should submit a design verification programme (DVP) for the demonstration of compliance, including a **proposal for the MoCs intended to be used to demonstrate compliance with requirements of SC Light UAS**, and this set of MoCs will have to be agreed with EASA.

The table below provides applicants with references to EASA MoCs, AW TF MoC and industry standards recognized by EASA to elaborate their MoC proposal in the frame of DVR projects. The table will be kept updated by EASA to reflect new developments.

For ongoing standards development, current and perspective applicants are invited to contact the SDO and contribute.

Requirements	EASA MoC for SC LUAS	AW TF MoC for SORA OSOs	Industry Standard	Notes
2100 Mass and centre of gravity			EUROCAE ED-325 Volume 1	
2102 Approved Flight envelope and environmental conditions			EUROCAE ED-325 Volume 1	
2105 Performance data			EUROCAE ED-325 Volume 1	
2135 Controllability, manoeuvrability and stability			EUROCAE ED-325 Volume 1	
2160 Vibration and buffeting			EUROCAE ED-325 Volume 1	
2240 Strength and deformation			EUROCAE ED-325 Volume 1	
2240 Structural durability	Ongoing			
2250 Design and construction principles			EUROCAE ED-325 Volume 1	
2260 Materials and Processes	Ongoing			
2300 Flight control systems			EUROCAE ED-325 Volume 1	
2305 Landing gear			EUROCAE ED-325 Volume 1	
2325 Fire protection			EUROCAE ED-325 Volume 1	
2335 Lightning protection			Ongoing	
2340 Design and construction information				Availability of published material not considered essential
2350 Forced landing / crash			EUROCAE ED-325 Volume 1	
2370 Transportation, assembly, storage				Availability of published material not considered essential

2375 Payload Accommodation			Ongoing	
2380 Ancillary equipment			Ongoing	
2400 Lift / Thrust / Power systems installation			EUROCAE ED-325 Volume 1	
2405 Lift / Thrust / Power System Integrity	Adopted			
2410 Lift / Thrust / Power Endurance and durability	Adopted			
2415 Lift / Thrust / Power Calibration, Ratings and Op. Limitations			EUROCAE ED-325 Volume 1	
2430 Energy storage and distribution systems			EUROCAE ED-325 Volume 1	
2500 / 2505 Systems and equipment (general)	Ongoing (cyber aspects only)		Ongoing (not including cyber aspects)	
2510 Equipment, Systems and Installation	Adopted	Adopted (OSO#5)		SAIL III MoC to OSO#5 can be used to formulate proposal of MoC to LUAS 2510 for SAIL III DVRs
2511 Enhanced Containment for SORA 2.0	Enhanced Containment: adopted		ASD-STAN prEN4709-006 (enhanced containment)	
2511 low, medium, high containment for SORA 2.5	Low and medium containment: ongoing			
2512 Mitigation Means M2 medium	Adopted			
2512 Mitigation Means M2 high	Ongoing			
2515 Lightning protection			Ongoing	
2520 HIRF			Ongoing	
2528 Envelope protect.		Adopted (OSO#18)		SAIL III MoC to OSO#18 can be used to formulate proposal of MoC to LUAS 2528 in SAIL III and IV DVRs
2529 Navigation			Ongoing	EUROCAE ED-325 Volume 2 work has started.
2530 External lights			Ongoing	EUROCAE ED-325 Volume 2 work has started.
2575 C3 Contingency			Ongoing	EUROCAE ED-325 Volume 2 work has started.

2600 CMU integration				Covered by MoC to LUAS 2510 (apart g which is covered by MoC to OSO#19/#20 for procedures)
2605 CMU		Adopted (OSO#19/20)		SAIL III MoC to OSO#19/#20 can be used to formulate proposal of MoC to LUAS 2605 in SAIL III and IV DVRs
2605 Command Unit Installation and operational information		Adopted (OSO#19/20)		SAIL III MoC to OSO#19/#20 can be used to formulate proposal of MoC to LUAS 2605 in SAIL III and IV DVRs
2610 Markings and placards				Availability of published material not considered essential
2615 Flight, Navigation and LTP systems instruments		Adopted (OSO#19/20)		SAIL III MoC to OSO#19/#20 can be used to formulate proposal of MoC to LUAS 2615 in SAIL III and IV DVRs
2620 Flight manual		In consultation		SAIL III MoC to OSO#8 can be considered to formulate proposal of MoC to LUAS 2620 in SAIL III and IV DVRs
2625 ICA		Adopted (OSO#3)		SAIL III MoC to OSO#3 can be used to formulate proposal of MoC to LUAS 2625 in SAIL III and IV DVRs
2710 C2 Link General Requirements		Adopted (OSO#6)	EUROCAE ED-325 Volume 1	SAIL III MoC to OSO#6 can be used to formulate proposal of MoC to LUAS 2710 in SAIL III and IV DVRs, and should be used to complement ED-325 when utilization of external services is involved.
2715 C2 Link Performances		Adopted (OSO#6)	EUROCAE ED-325 Volume 1	SAIL III MoC to OSO#6 can be used to formulate proposal of MoC to LUAS 2715 in SAIL III and IV DVRs, and should be used to complement ED-325 when utilization of external services is involved.
2720 C2 Link Perf. Monitoring		Adopted (OSO#6)	EUROCAE ED-325 Volume 1	SAIL III MoC to OSO#6 can be used to formulate proposal of MoC to LUAS 2720 in SAIL III and IV DVRs, and should be used to complement ED-325 when utilization of external services is involved.
2730 C2 Link Security		Adopted (OSO#6)	EUROCAE ED-325 Volume 1	SAIL III MoC to OSO#6 can be used to formulate proposal of MoC to LUAS 2730 in SAIL III and IV DVRs, and should be used to complement ED-325 when utilization of external services is involved.