



Regulatory Difficulties and Emerging Needs for Regulations

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Small Aircraft Transportation System



Class *	Pistons		Turboprops		Jets	
	ACP-1	ACP-2	ACT-1	ACT-2	ACJ-1	ACJ-2
Main mission	Private and business travel, air-taxi service available on request, a short distance, middle class of service,	Air-taxi on demand, a short distance, middle class of service,	Business and private travel, air-taxi service on demand; available to the majority of the population,	Commuter according to flight schedules and on demand, for small passenger flows and a variety of routes; available for most of the population,	Corporate travel, business and private travel, air-taxi service on demand; for passengers with significant time value,	Commuter on request and according to flight schedules, corporate, business and private travel, high class service for passengers with a very high value of time.

Small Aircraft Transportation System - regulation framework



- ❖ **Certification Specification**
- ❖ **Operation requirements**
- ❖ **Licensing- aircraft crew and maintenance staff**
- ❖ **Airports**
- ❖ **Air Traffic Management (ATM)**

Small Aircraft Transportation System - regulation framework



❖ Certification Specification

□ Current core regulations

- CS-23 Amdt. 2 and FAR Part 23, Amdt. 23-59
- Significant standard differences already analyzed

□ Appeal to Common Vision Workshop stakeholders

- Do you think CS-23 or FAR Part 23 need significant change?
- Do you think regulations need additional requirements for avionics?

Small Aircraft Transportation System - regulation framework



❖ Operation requirements

□ Current core regulations

- EU-OPS vs. FAR Part 135
- Differences already analyzed

□ Appeal to Common Vision Workshop stakeholders

- Do you think EU needs special regulation for on-demand operation?
- Since 2012 all AOC holders to have a 'Management System' which delivers safety management throughout its organization.
Do you think current SMS requirements could be manageable for small operators?

Small Aircraft Transportation System - regulation framework



❖ Licensing- aircraft crew and maintenance staff

□ Current core regulations

- Part 66, Part 147 for maintenance staff
- FCL requirements for flying staff

□ Appeal to Common Vision Workshop stakeholders

- Do you think SAT system needs „lighter“ requirements for maintenance staff?

Small Aircraft Transportation System - regulation framework



❖ Airport

□ Current core regulations

- ICAO requirements and EU directives

□ Appeal to Common Vision Workshop stakeholders

- Do you think local airport intended for SAT system needs some mitigation against current airports requirements with assuring same level of safety for operators and passengers?

Small Aircraft Transportation System - regulation framework



❖ Air Traffic Management (ATM)

□ Current core regulations

- ICAO requirements and EU directives

□ Appeal to Common Vision Workshop stakeholders

- Do you think SESAR program should include SAT system needs?

THANK YOU FOR YOUR ATTENTION

ANY QUESTION?