EMBRAER

STAMP: The strategy of Organization as a System
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How to improve?
PSASS Nancy’s Lab

EMBRAER / MISTI (MIT) Internship Program

MITsdm Spring Team Project
History

Organization Structure
- Landing Gear Benefits
- External lights optimization
- Cybersecurity context analysis
- UAM Operational context
- Certification Approach
Different Perspective

- Systems Engineering Team
  - Systems Approach
  - Systems Architecting Process
    - STAMP
      - STPA
      - STPA-SEC
  - Safety Team
  - CyberSecurity Team
  - Systems Architects
  - Systems Engineers
Conclusions:

1. Start with Safety Specialists NO
2. Start without a sponsor NO
3. Start without a real problem and Project. NO

1. Systems Engineering Team.
2. STAMP FACILITATOR. – real problem and Project
3. Sponsor NEEDED