



Human Factors and Educational Actions on Brazilian General Aviation

BGAST – Brazilian General Aviation Safety Team
CRM and Educational Actions Subgroup

December 15th and 16th



Agenda

- BGAST and our Subgroup;
- Educational Actions Historic;
- Human factors in the Brazilian Pilot Training;
- Future human factors actions on the RBAC 141.

BGAST

- Since 2013 from ANAC's PSOE structure;
- PSAC's and Stakeholders with the Agency;
- 4 subgroups – LOC-I, SCF-PP, CRM and Sub-regional Aviation;
- 8 Safety Enhancement's published in the last years.

(ANAC, 2022)

CRM and Educational Actions Subgroup

- Since 2018 as Workgroup and then a Subgroup;
- Occurrences involving Aerounautical Decision Making as contributing factors;
- Two Safety Enhancements – Emergency Declaration and Threat Briefing.



PR-MJW – C152 – 31 JUL 16
RBAC 141



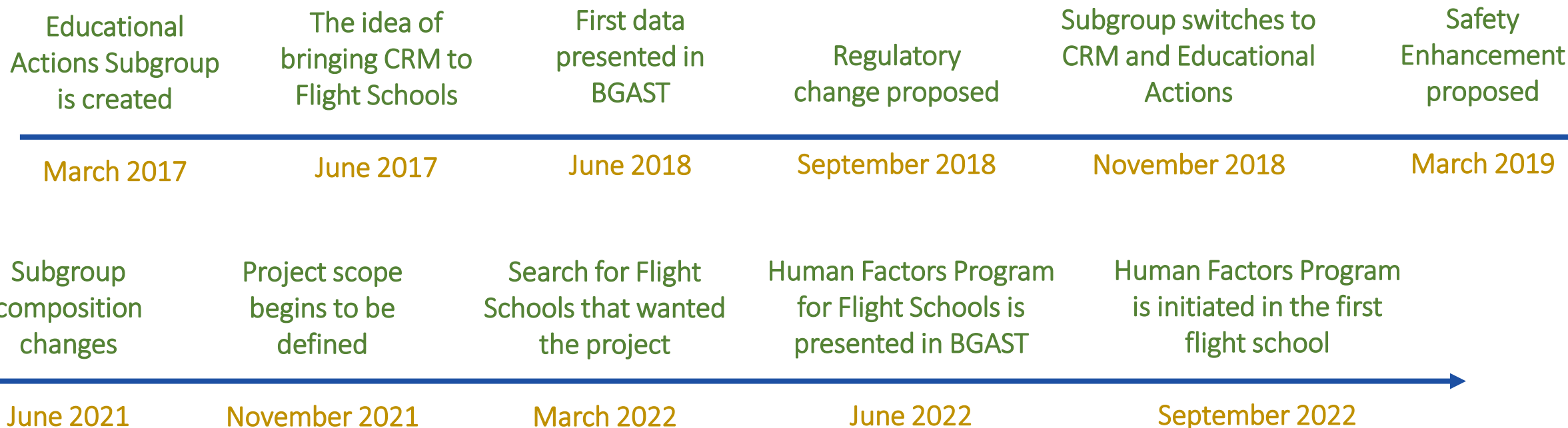
PT-LTJ – C550 – 14 NOV 19
RBAC 91

CRM 

(CENIPA, 2022)

Lessons Not Learned

Educational Actions Historic



(BGAST, 2022)

Human Factors in the Brazilian Pilot Training

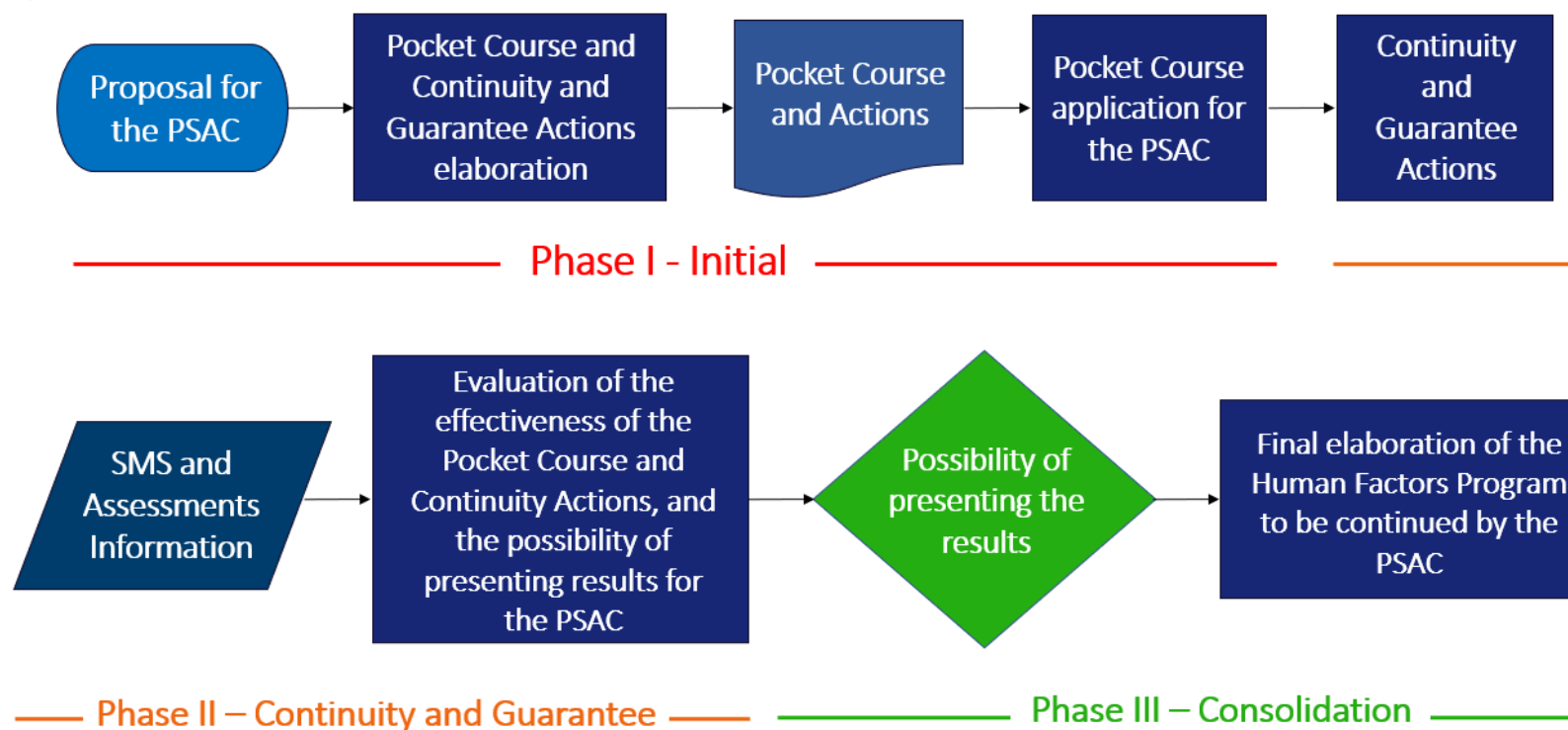
What does the regulation say? Using the IS 141-007A

- Development of **Decision-making and Judgement** skills;
- Practice and development of **CRM and Standardization** skills;
- Instruction Programs covering **Threat and Error Management – TEM** topics, the 6th Generation of CRM.

(ANAC, 2020)

Human Factors in the Brazilian Pilot Training

The concept



(BGAST, 2022)

Human Factors in the Brazilian Pilot Training

The application

- Previous meeting with the SMS of the Flight School;
- 1st Flight School – Aeroclub de Bragança Paulista in September 30th;
- 8 hours of course duration, the whole flight school personnel mobilized;
- 3 modules presented – History of Human Factors, Human Factors models, topics and tools, 2 Workshops for real practice;
- Positive feedback from the Flight School.

(ANAC, 2020)

Human Factors in the Brazilian Pilot Training

The application



Future of Human Factors on RBAC 141

- Subgroup now working for the Phase II of the Human Factors Program on the 1st Flight School and searching more Flight Schools to Join the Program;
- Production of a study case for the implementation of Human Factors and Basic Safety concepts in the Private and Commercial Pilot Training Programs in Brazil;
- Subgroup working in 3 more Safety Enhancements for the Brazilian General Aviation.

Is about The Backstage Work...





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Thanks!

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