



Safety
Management
Summit
SMS - Brazil 2019

Update 2019

BAST – Brazilian Aviation Safety Team



Departamento
de Controle do Espaço Aéreo



ANAC AGÊNCIA NACIONAL
DE AVIAÇÃO CIVIL

BAST – Brazilian Aviation Safety Team

“ANAC’s Specific Operational Safety Program (PSOE-ANAC) includes the guidelines and requirements to guide the implementation and development of Operational Safety Management Systems - SGSO ... “

..The PSOE-ANAC establishes, in its article 75, that “ANAC should develop initiatives, in collaboration with the civil aviation industry, for the sharing of operational safety data and information”, which should aim to improve the operational safety assurance processes...

Thus arose the Brazilian Operational Safety Groups (BAST), whose main objective is, together with the Civil Aviation Service Providers (PSAC) and the civil aviation community, to make efforts for the operational safety of civil aviation in Brazil, equating it to the safest regions in the world.”

<https://www.anac.gov.br/assuntos/paginas-tematicas/gerenciamento-da-seguranca-operacional/grupos-de-seguranca-operacional>

BAST Groups:

- **BAIST – Brazilian Airport Infrastructure Safety Team**
 - President – Rosa Maria Brollo Fernandes (Viracopos)
 - Vice-President – Eliane Cristina Arnaldo (Infraero)
- **BHEST – Brazilian Helicopter Safety Team (2007 – IHST Brasil)**
 - President – Ana Claudia Galvão (CHC do Brasil)
 - Vice-President – TBD
- **BGAST- Brazilian General Aviation Safety Team (2013)**
 - President – Eduardo Américo Campos Filho (ANAC)
 - Vice-President – Humberto Gimenes Branco (AOPA Brasil)
- **BCAST – Brazilian Commercial Aviation Team (2015)**
 - President – Danilo Andrade (GOL)
 - Vice-President – TBD

Executive Assistance from ASSOP – Operational Safety Advisory (ANAC)

BAIST – Brazilian Airport Infraestructure Safety Team

2019

- Evolution of the **Runway Condition Code(RCC)/ Report Breaking Action(RBA)** project at SBCT, which comprises the works of the Runway Excursion - RE subgroup, for effective track condition reporting. (SMS Brasil - Dec 6th at 14:30hrs)
- Publication on 08/13/2019 of the Good Practice Guide for the **elaboration of operational safety indicators**.
- Beginning of the work of the **Drones subgroup**, which aims to develop a good practice guide for **the use of this equipment**.

Next Steps

- **Conducting operational safety audits at airports** subgroup created for the elaboration of a good practice guide
- **Runway Incursion - RI** subgroup created to evaluate this event at airports.

BHEST – Brazilian Helicopter Safety Team

IHST Brazil since 2007 www.ihst.org

2019:

Publication of Translated Material produced by EHEST (EASA):

- Safety Considerations (HE1)
- Helicopter Off Airfield Landing (HE3)
- Single Pilot Decision Making (HE4)
- Advantages of Simulators in Helicopter Flight training (HE6)
- The Principles of TER for Helicopter Pilots (HE8)

Next Steps:

- Revision of translated versions for HE 5, 7, 9, 10, 11(*)
- Translation of HE 12, 13 e GA7 (*)

(*) https://www.easa.europa.eu/document-library/safety-promotion?search=&publication_date%5Bvalue%5D%5Byear%5D=&safety_promotion_product%5B%5D=2413



BGAST- Brazilian General Aviation Safety Team

Subgroups:

- LOC – Loss of Control
- SCF-PP - System Component Failure – Powerplant
- CRM (Team Resource Management)

2019

SE SCF-PP 01 - Auxiliary Fuel Pump in in Piston Engine Aircraft

SE LOC-I 01 – Stabilized Approach

Next Steps

LOC-I Bow-Tie development (CAA-UK model)

SE – Adverse Situation Reaction

SE – Installation of AoA System

SE - CRM in Pilot Schools

SE - Magnetos Maintenance



BCAST – Brazilian Commercial Aviation Team

Study Sub Groups:

- LOC-I – Lost of Control in Flight
- REx – Runaway Excursion
- CFIT – Controlled Flight into terrain
- MAC – Mid Air Collision
- Review of IAC 119-1005 – Flight Data Analysis e Monitoring

2019

SE 002 – Database and TAWS Software Systems update process

Next Steps:

- Callsigns confusion mitigation process
- MAD Hotspot Risk Evaluation
- Touch down zone mapping to prevent REx
- LOC-I Toolkit
- BAIST – RCC/RBA project



Muito Obrigada!

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