



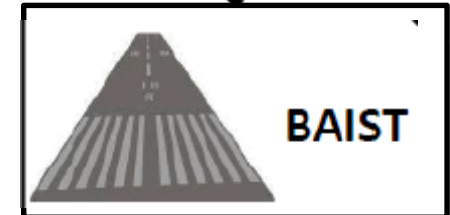
BCAST

BRAZILIAN COMMERCIAL
AVIATION SAFETY TEAM

Safety Management Summit

São Paulo, December 2016

Brazilian Aviation Safety Team



BCAST Structure



- Congregates Authority, Service Providers, Pilots and Airlines Associations
- Collaborative group
 - Team work is the key for success
- Integrates BAST
 - as well as BHEST, BGEST BAIST

BCAST Objectives



- Enhance Safety
- Reduce Risks based on a data driven methodology.

BCAST - Members



- Recommended by ICAO.
- Main concern for the future success of the information-based framework.
- In Brazil, the Safety information is protected by Law 12.970 (8, May/2014)

IATA FDX

- Help us to see trends
- Very important to identify threats

Raw data from the aircraft is downloaded routinely for FOQA/FDM/FDA

Data is processed by the airline or its service provider (internal FOQA – IATA doesn't get any of that information)



Data is sent to IATA where it gets processed using a common set of events covering:

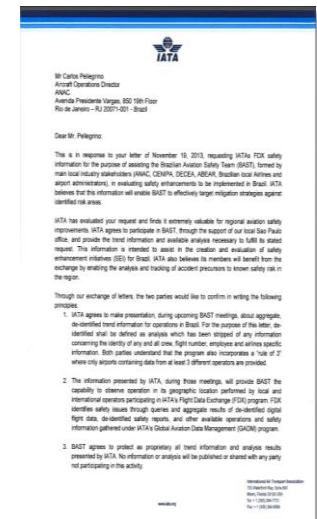
Unstable approaches
GPWS
Tailwind on landing
TCAS
Hard landing
Rejected Takeoff
Go Around



IATA MoU



- De-identified information;
- Rule of 3;
- Data restricted to Brazilian geographic location;
- Domestic and int'l operators members of IATA's FDX Program;
- Mutual agreement for data protection;



FDX Advantages



- Data sharing;
- Source of information to BCAST Working Groups (RE, LOC-I, CFIT and MAC);
- Workload reduction;
- Standardization;
- Global and Regional Benchmarks;
- Common issues to be addressed;
- Trend Analysis

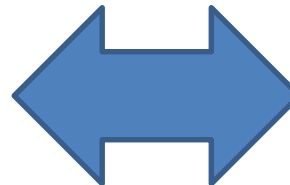
FDX Concerns

- Data protection;
- Ranking;
- Regional differences
- SOPs differences
- Events criteria

BCAST & RASG-PA



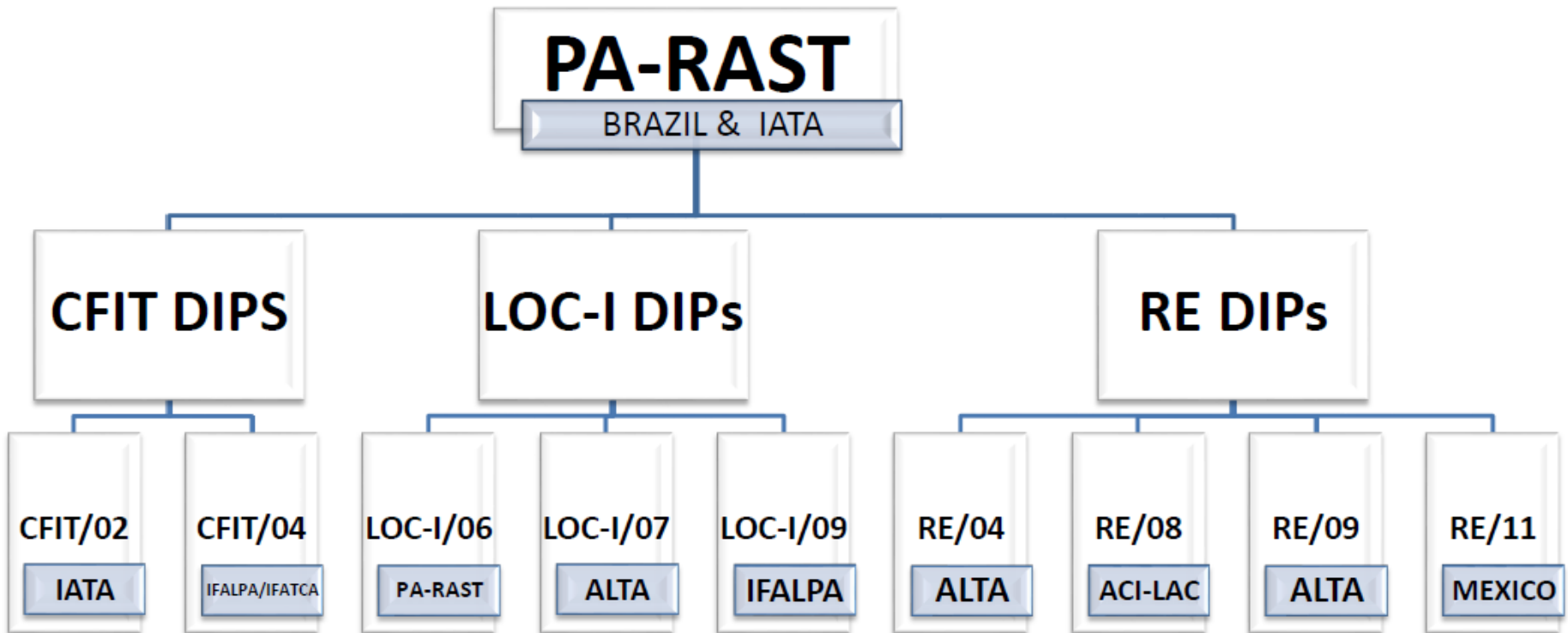
- BCAST working groups will focus primarily on Safety Enhancement Initiatives already developed by RASG-PA
 - and will keep reporting the status of the analysis on every BCAST Meeting;
- After internalization of RASG-PA DIPs it will be developed new DIPs, following 7-Step Methodology, supported by cost-benefit analysis.



BCAST & RASG-PA



Detailed Implementation Plan - DIP



BCAST



Dedicated to develop Safety Enhancements to
Brazilian Commercial Aviation industry



Deliverables

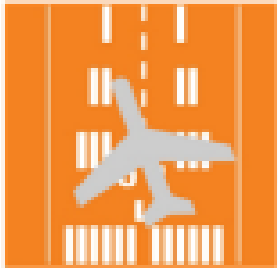


MAC

Coordinated by



- Definitions
- Call Sign Confusions
- Level Bust



RE

Coordinated by



- Research and Data Collection Phase
- FDM Analysis on Brake Efficiency
- Adherence to DIPs - CAST SE

Obrigado!
Thank you!

Questions?

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