

EBT - Evidence-Based Training

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Do these aircrafts look the same?...





6.1*	Simulated asymmetric flight (This section may be combine with Sections 1 through 5.) Simulated engine failure durir take-off (at a safe altitude unl carried out in an FFS or an FNI II) 2.5			>X simulated P	>>			
6.2*	Asymmetric approach around		engine failure: shortly after reaching V2					
6.3*	Asymmetric approach stop landing		(In aeroplanes which are not certificated as transport					
6.4	ATC liaison – complia procedures	•	category or con category aerop engine failure s simulated until minimum heigh above the runw aeroplanes hav performance as	lanes, the hall not be reaching a nt of 500 ft 5.4. vay end. In ing the same	Traffic pattern and landing without extended or with partly extended flaps and slats	P>	>	
			category aeroplane regardin 5.5. take-off mass and density	Landing with critical engine simulated inoperative	P>	>	М	
		9	altitude, the ins simulate the en shortly after re	THE RESERVE OF THE PARTY OF THE	Landing with two engines inoperative: - aeroplanes with three engines: the centre engine and one outboard engine as far as practicable according to data of the AFM; and - aeroplanes with four engines: two engines at one side	P	X	M FFS only
		2.5.2* b	between V1 and	d V2				(skill test only)



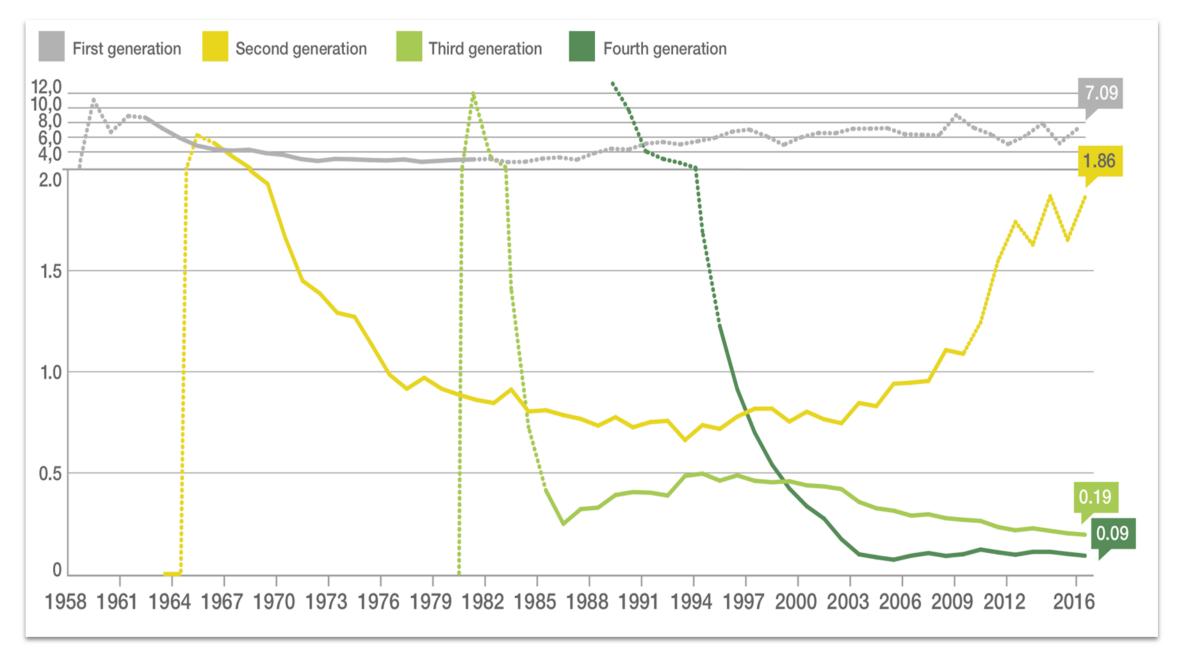


15 January, 2009 Airbus-320-214 **DUAL ENG FAILURE**

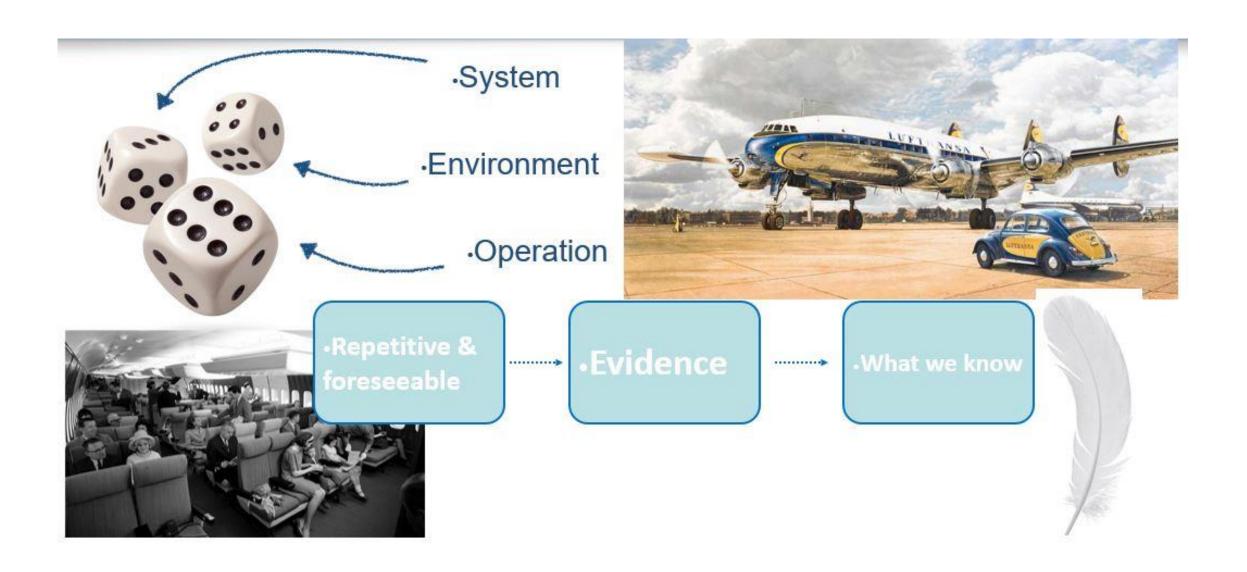




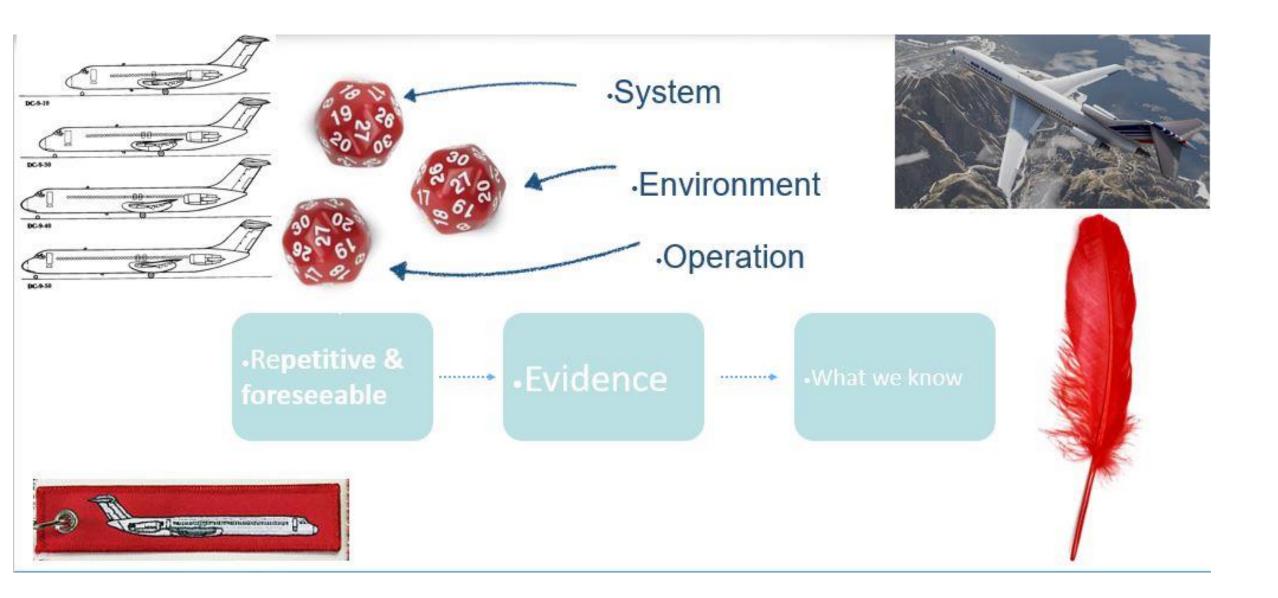
·Good weather conditions



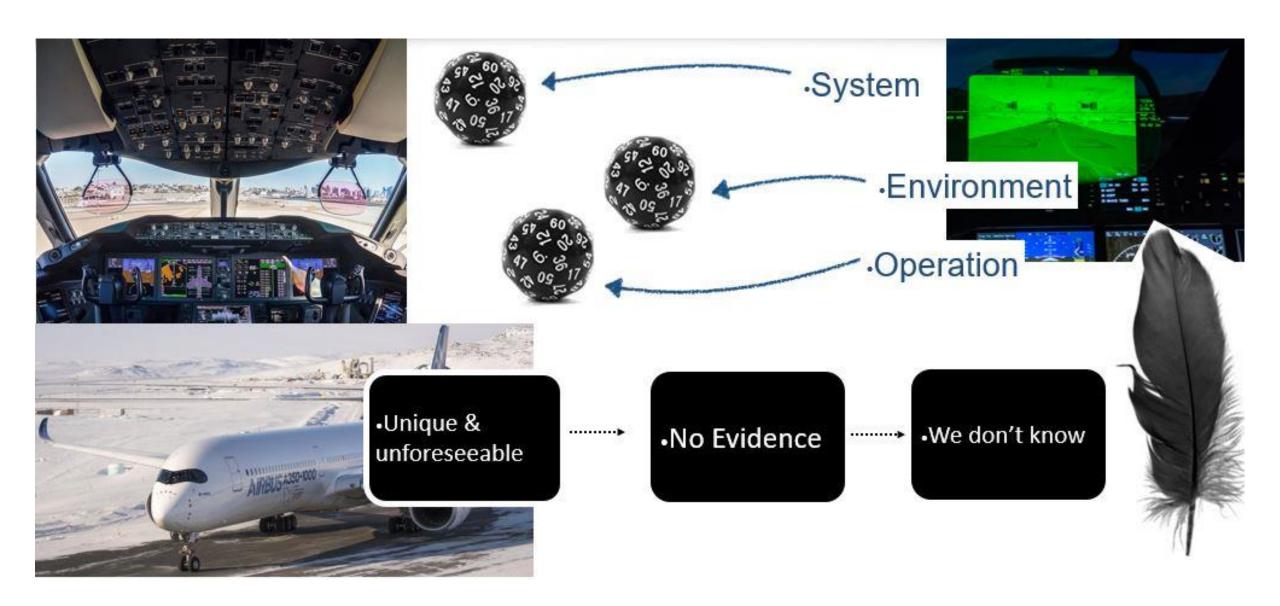










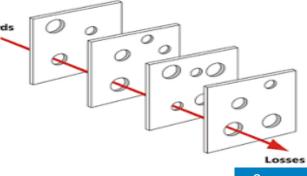


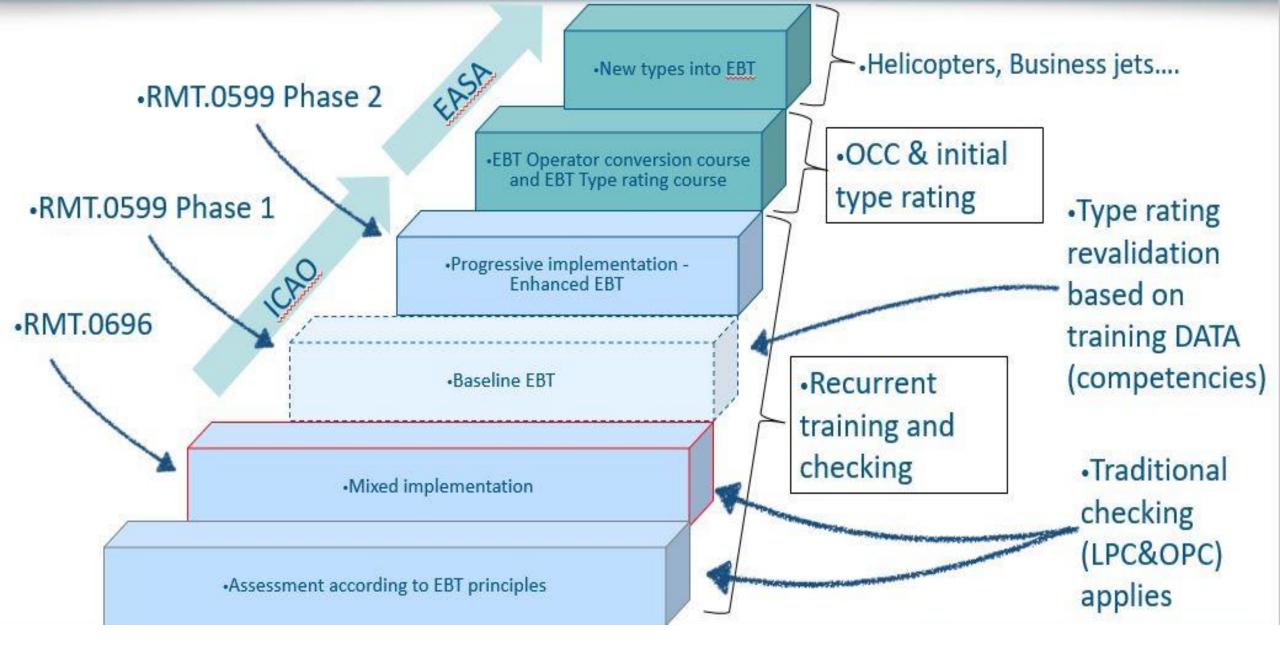


Why and What is Evidence Based Training (EBT)

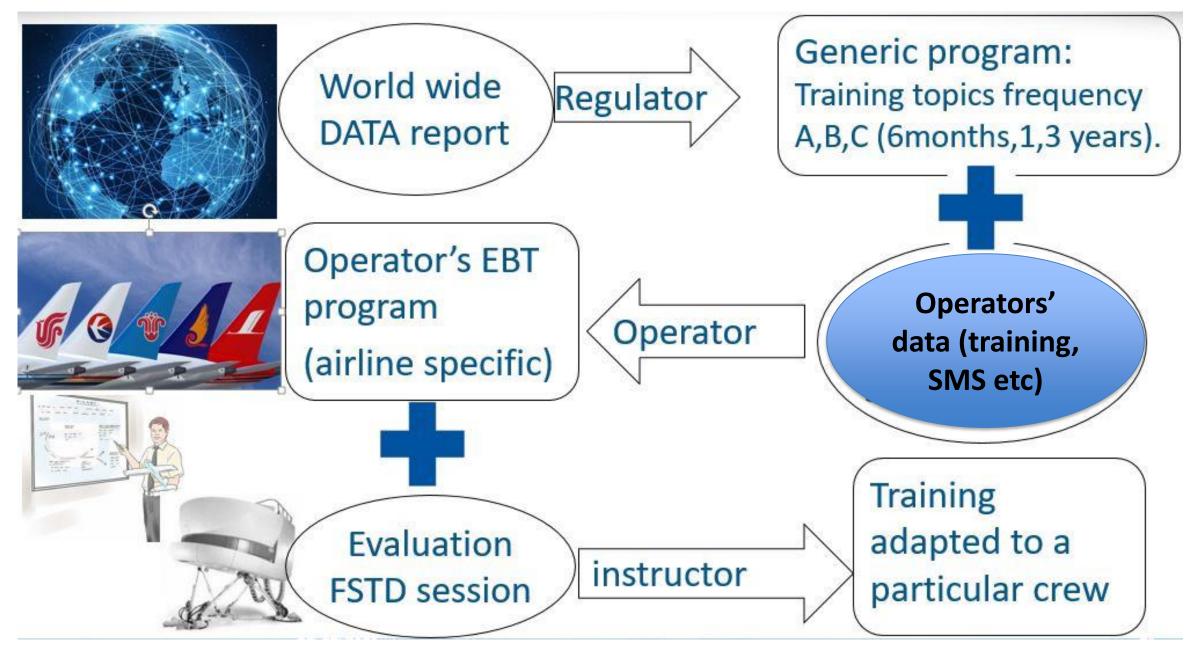
- → Flight crew need to be trained for today's operational risks
 - Account for technological innovations and changing operational environment
 - More emphasis on non-technical human factors
 - Improve efficiency and effectiveness of training
- → EBT enables a data-driven training system
 - → Continuous standardised training data needed
 - 'Just culture' and data protection ensured











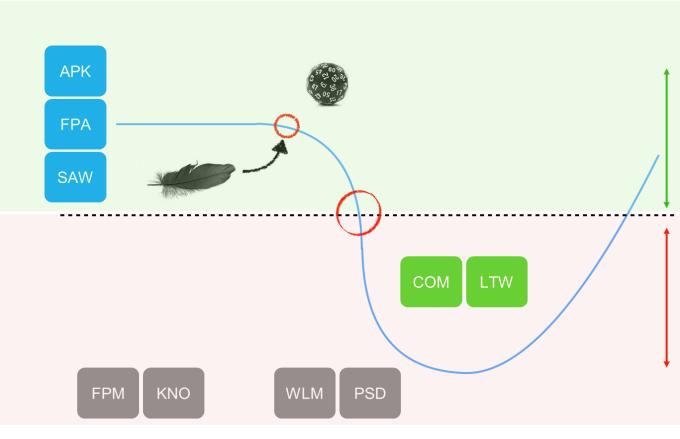






Resilience Tool Kit





Operator's EBT programme

- •Training data:
 - 9 competencies
 - •Grading 1 to 5
- by standardised instructors (concordance)
- •Operational data: to contextualised the example scenario elements:
 - •SMS
 - •FDM...etc.







- Follow the official documentation of your regulator (CAAs), ICAO, and EASA.
- The use of private consultants other than IATA or others public entities are not recommended.
- EBT is a worldwide global initiative that-was created and developed by many public organisations. No single organisation or person can claim the original idea or ownership of EBT and its principles.
- > EBT is long journey: 1-2 years of EBT principles and 2-3 of EBT mixed.



Primary documentation

- EASA EBT checklist: https://www.easa.europa.eu/sites/default/files/dfu/EBT%20Checklist%20V2.0.pdf
- ED Decision 2015/027/R Implementation of evidence-based training (EBT) within the European regulatory framework https://www.easa.europa.eu/document-library/agency-decisions/ed-decision-2015027r. It includes:
 - Annex I to ED decision 2015/027/R: GM1 ORO.FC.230 (a); (b); (f). Recurrent training and checking to Part-ORO Issue 2, Amendment 4; and
 - Explanatory Note to the ED Decision 2015/027/R.
- EASA Notice of proposed of Amendment 2018-07(B): https://www.easa.europa.eu/sites/default/files/dfu/NPA%202018-07%28B%29.pdf
- ICAO Doc 9995 AN/497 Manual of Evidence-based Training First Edition 2013.

For info:

- ToR RMT.0696 Implementation of Evidence-Based Training within the European regulatory framework https://www.easa.europa.eu/document-library/terms-of-reference-and-group-compositions/tor-rmt0696.
- ToR (+ Concept Paper) RMT.0599 Evidence-based and competency-based training https://www.easa.europa.eu/document-library/terms-of-reference-and-group-compositions/tor-concept-paper-rmt0599.
- IATA Data Report for Evidence-Based Training August 2014 1st edition.
- ICAO PANS Training DOC 9868.
- IATA Evidence-Based Training Implementation Guide July 2013.







Thank you

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