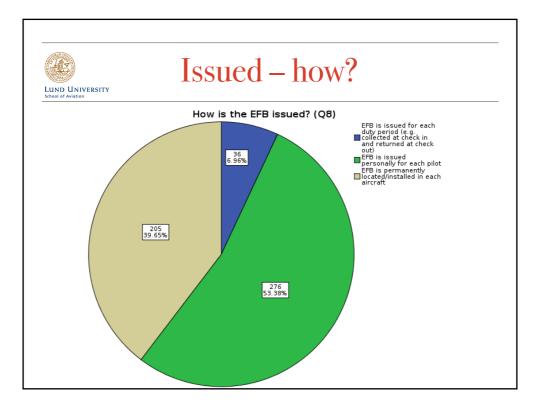
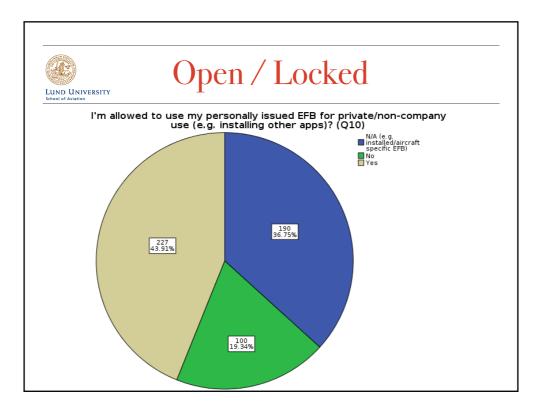
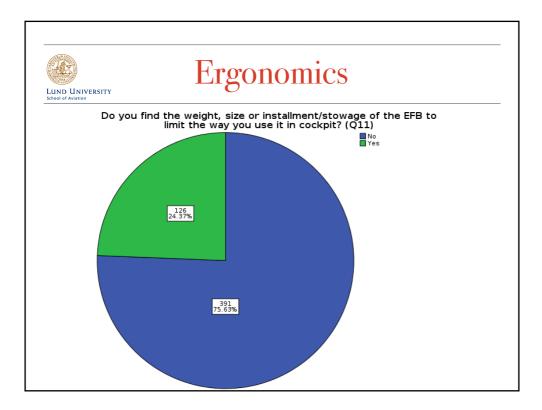
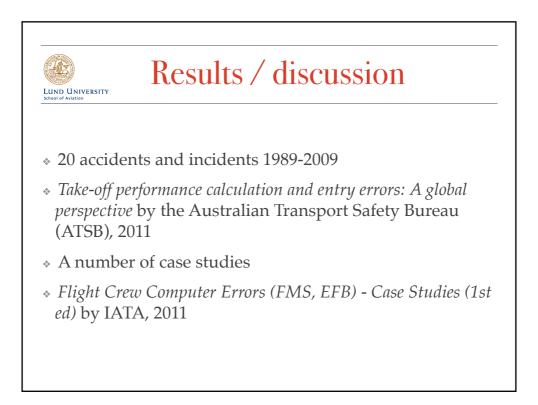


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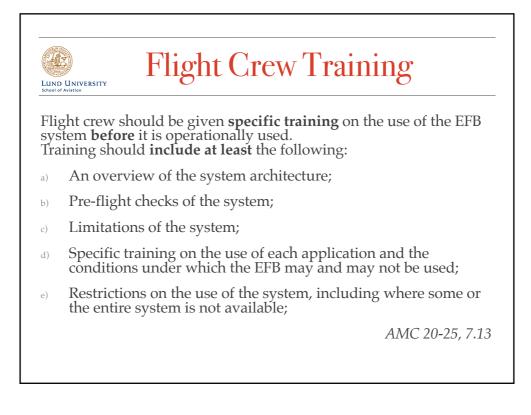


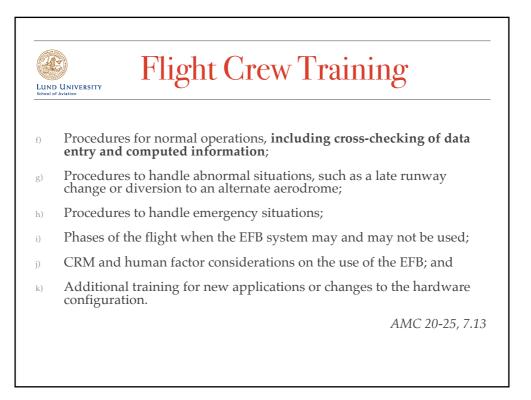




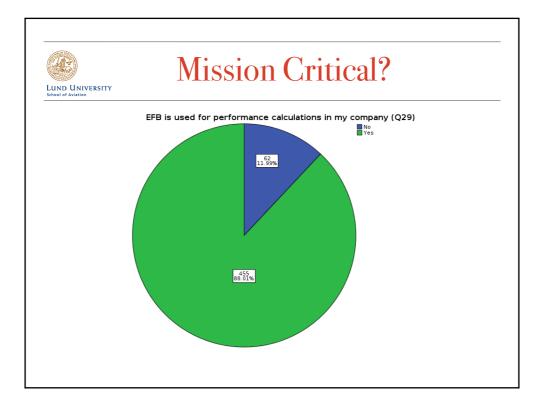


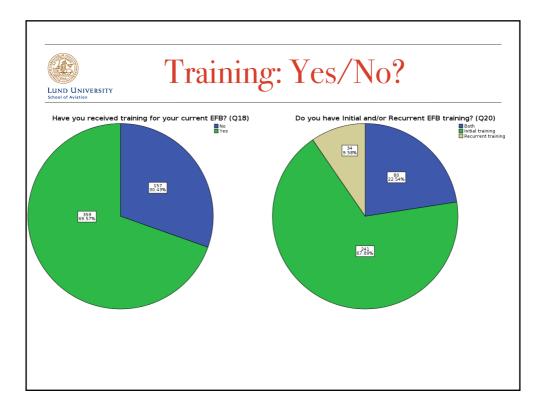
			Resi	al	ts,	/ d	iscu	issio	n		
	LUND UNIVERSITY chool of Aviation										
Case Study	Aircraft Type	Date	Location	Phase of Flight		Error Details			Consequence		
				Take Off	Cruise	Approach	Error Category	Performance Parameter ¹	Device ²		
1	B757-223	20 Dec 1995	Cali, Colombia			x	Select and Data Entry: Navigational Error		FMC	Collision with Terrain	
2	B777-300	23 Dec 2006	North Atlantic		x		Incorrect Position Inserted: Navigational Error		FMC, ACARS and OFP (Documentation)		
3	B767-300ER	13 Dec 2008	Manchester, England	х			Data Entry	Take Off Weight	Laptop Computer	Tailstrike	
4	B777-300ER	22 Mar 2007	Auckland, New Zealand	х			Data Entry	Take Off Weight	Take off data card	Tailstrike	
5	A330-243	28 Oct 2008	Montego Bay, Jamaica	х			Unknown	Take Off Weight	Unknown	Reduced take off performance	
6	A340-642	12 Dec 2009	London, England	x			Data Entry	Take Off Weight	Loadsheet and performance procedure being completed out of sequence.	The aircraft was slow to rotate and initial climb performance	
7	B747-300	2 Jun 2007	Changai, Singapore	х			Data Entry	Take Off Weight	Documentation	Collision With Obstacle	
8	B747-400	10 Dec 2006	Orly, France	Х			Data Entry	Take Off Weight	Laptop	Tailstrike	
9	B747-400	13 Oct 2004	Halifax, Canada	х			Calculation	Take Off Weight	Laptop	Collision With Terrain	

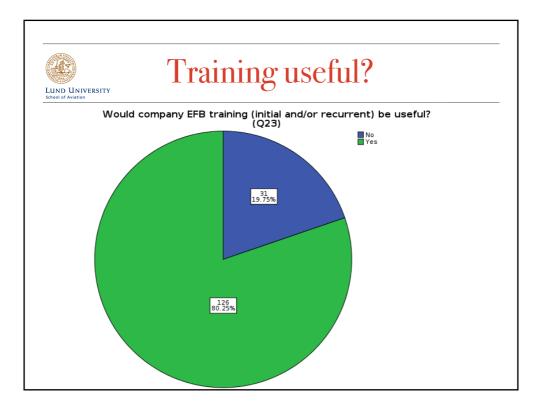


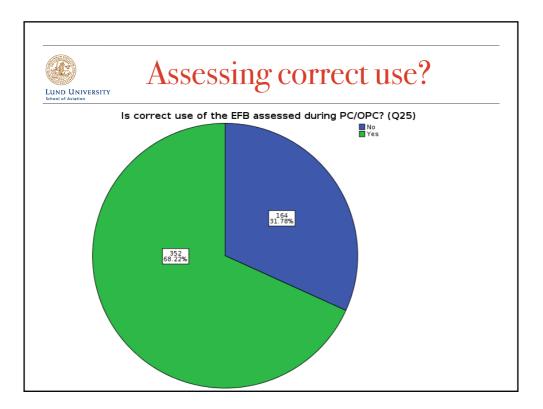


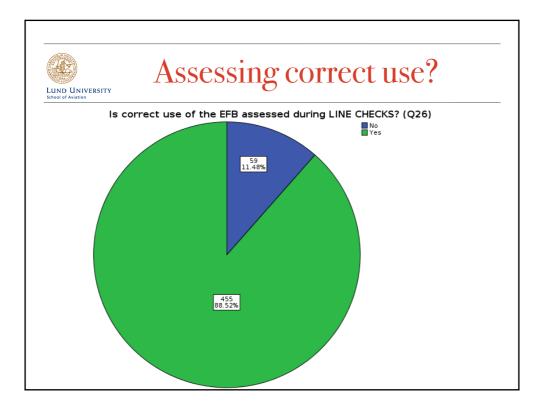


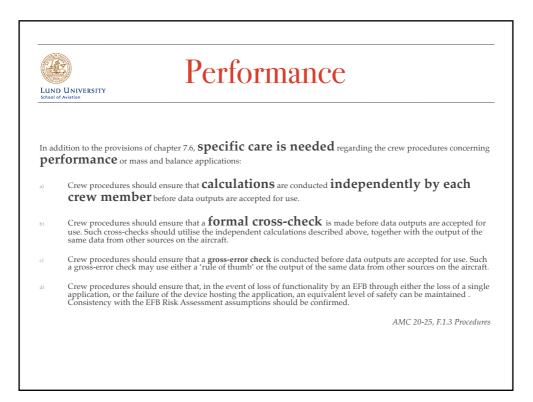


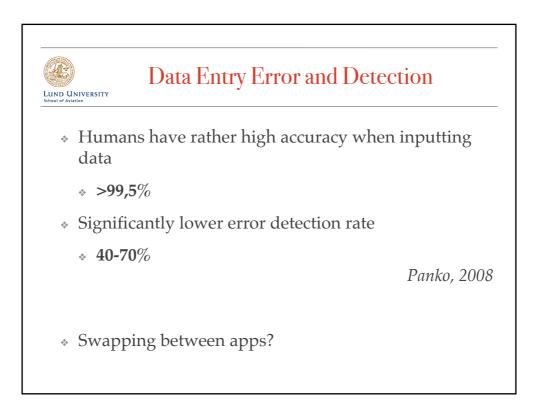






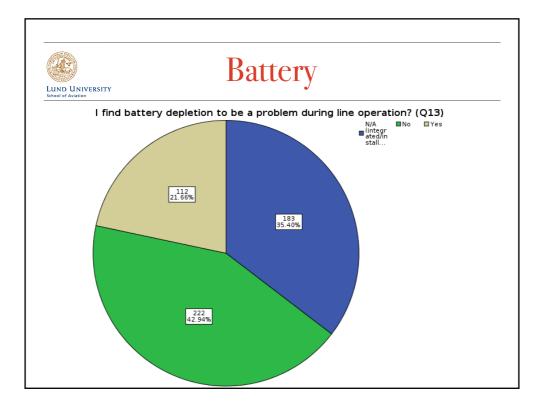






	mael	pendent	+ crosse	песк	
			Pad 🕈	23 08 PERFORMANCE - TAKEOFF	100%
AIRPORT INFO NOTAM	NEL COL SEND OUTPUT		AIRPORT INFO	NOTAM MEL	CDL SEND OUTPUT
YL-PSI			YL-PSI		
ARPT ESSA/ARN	OPTIMUM RTG		ARPT ESSA/ARN	OPTIMUM	RTG
RWY UIL	YES IMPCL		RWY OIL	YES	IMPCL
	FLAP 5 PREF FLAP	duggyb		FLAP 5 PR	FLAP
			COND DRY OR DAME		
WIND 034/10 KT	BLE		WIND 034/10 KT		BLE
(9 HW/4 XW) KT	A/I		(9 HW/4 XW) KT	A/I
(39 F) QNH 998.0 HPa			(39 F) QNH 998.0 HPa		
(29.47 IN HG)			(29.47 IN H		
Takeoff Weight: 78123 KG		┝═╾┪╌┑╌┍╴┍╸╷┥╴	Takeoff Weight: 781		
737-800/CFM56-7B26	TRIM		737-800/CFM5		ATTN CALC
	N/A V1 153 KI		5 740 ft 1		V1 153 KT
	VR 154 KT		RWY/INTX 01L		VR 154 KT
DGW 24K	V2 158 KT		TOGW 24K		V2 158 KT
8123 KG 92.4	Vref40 153 KT		78123 KG 92.4		Vref40 153 KT
ingine Failure Procedure: *** NO EM	ERGENCY TURN *** 08 NOV 2017		Engine Failure Procedure	*** NO EMERGENCY TUP	RN *** 08 NOV 2017

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Independent performance calculations and cross-check of result	64.6%
FO performs calculation, Captain cross-checks result	15.2%
PF performs calculation, PNF/PM cross-checks result	13.0%
PNF/PM performs calculation, PF cross-checks result	4.8%
Other option	1.5%
Captain performs calculation, FO cross-checks result	0.9%





- Number of manuals?
- * Total number of pages?
- Channels?

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