



The Road to a Competent CAA



Captain Abraham Liebling



- ❑ 2007- present: Director of Flight Standards Division, Head of Air Carriers Department, Head of TEVEL team (in charge of the process of reinstatement to Category 1 by the FAA), CASI , **CAAI**
- ❑ 1999-2007 – B747 Cargo Operation Manager, Captain, Check Airman, Instructor - **CAL CARGO AIRLINES**, *Tel Aviv Israel*
- ❑ 1998-1999 – Captain, Check Airman, Instructor - **FARNAIR EUR/DHL**, *Brussels Belgium*
- ❑ 1988-1998 – Project Manager, Chief Pilot, A300 Captain – **JAPAN AIR SYSTEM**, *Tokyo Japan*
- ❑ 1985-1988 – B747 Captain, Co-Pilot – **TOWER AIR**, *Jamaica, NY*
- ❑ 1981-1985 - Operation Manager, Chief Pilot, Captain, Check Airman, Instructor – **MAOF AIRLINES**, *Tel Aviv Israel*
- ❑ 1971- 1980 – Military Pilot A4, B707, WW1124, DC3 - **ISRAELI AIR FORCE**
- ❑ **23,000 FLIGHT HOURS (19,000 Command hours)**

Mrs. Renana Shahar



- ❑ 1997 – member in the Israel BAR Association
- ❑ 2/2009 – present - CAAI Legal Advisor
- ❑ 1998 - 2/2009 - Shipping and Ports Administration Legal Advisor
- ❑ 1997- Member of the Israel BAR Organization
- ❑ 1996- LLB – Tel-Aviv University
- ❑ 1989-1992 –Culture & Education Officer Israel Defense Force

CAAI Organizational Structure

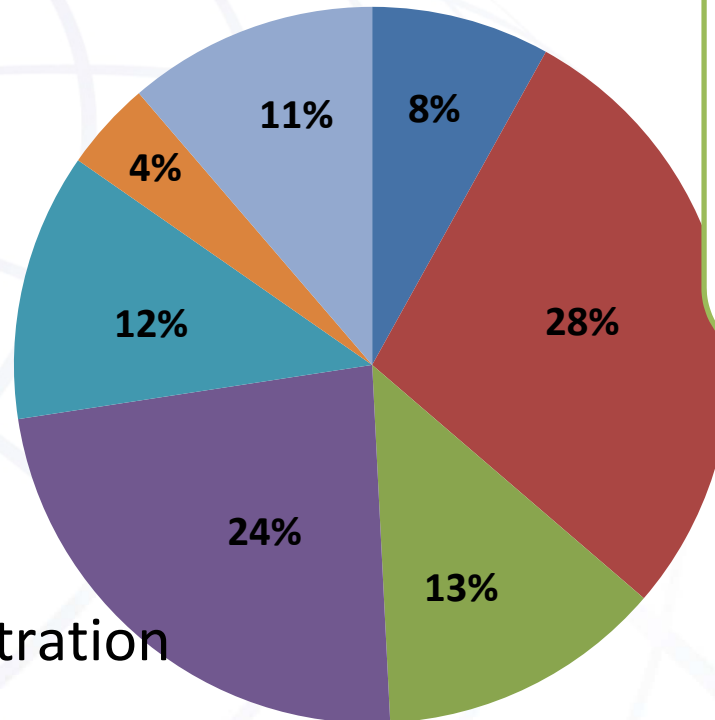


CAAI Personnel



Professional Distribution

- flight controller / ATC
- pilot
- aircraft technician
- engineer
- headquarters
- reception and administration
- Profesional support



Out of 124
positions –
62 CASIs

CAAI budget resources



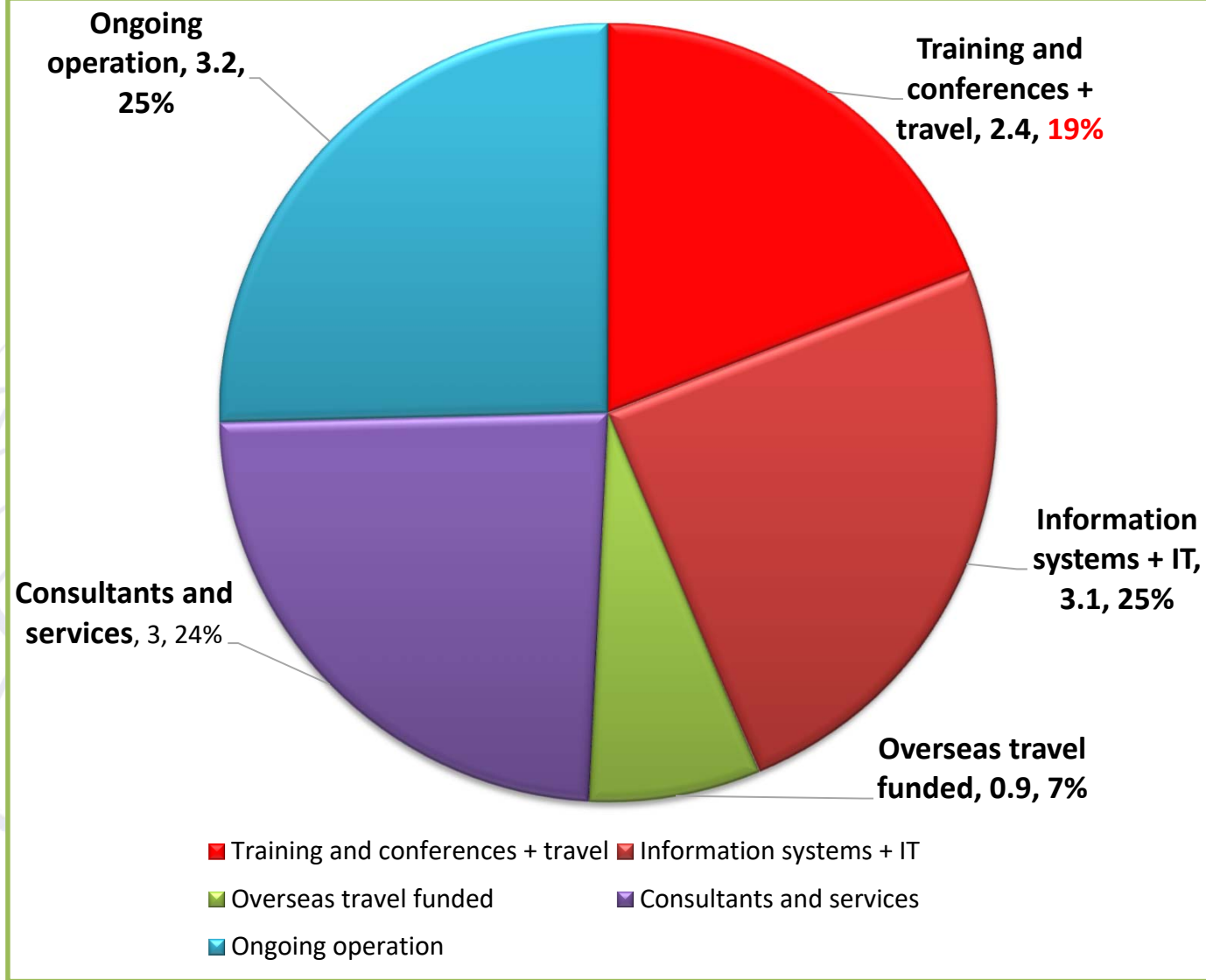
Budget 2017 (in million NIS)

	Total Budget	Net budget from the government	Budget contingent fees
	(\$19.8) 67.5	29.7	37.8

Budget execution 2017 (in million NIS)

	Total	Operating Cost	Fixed Cost	Overhead	Salaries
	(67.5)	\$3.7 (12.6)	(4.5)	(6.9)	(43.5)

CAAI operational budget 2017





Air operators & AMOs

AOCs	
“Chapter 13” Operators (Large Airplanes C.A.T)	4
Airplanes	58
“Chapter 12” Operators (Domestic, Air-Taxi, On-Demand, Aerial work)	26
“Chapters 9 & 11” Operators (Agriculture, Fire Fighting, Balloons)	6
120+ Airplanes 30+ Helicopters 10+ Air Balloons	

AMOs	
Large AMOs	4
Foreign AMOs	4
Small AMOs	24

Israeli air carriers



Aircraft 44

23 x
B737NG

5 x B744

7 x B767

6 x B777

4 x B787



6 Aircraft

1 x B757

5 x E190



5 Aircraft

3 x A320

2 x ATR-72



3 Aircraft

3 x B744F



Aviation personnel

Personnel licenses		
Pilots	ATPL	839
	CPL	665
	PPL	1508
	Total	3012
RPAS		682
AMT	Type 1	704
	Type 2	811
	Total	1515
ATM	ATCO	220
	Flight briefing personnel	~40
FOO		179

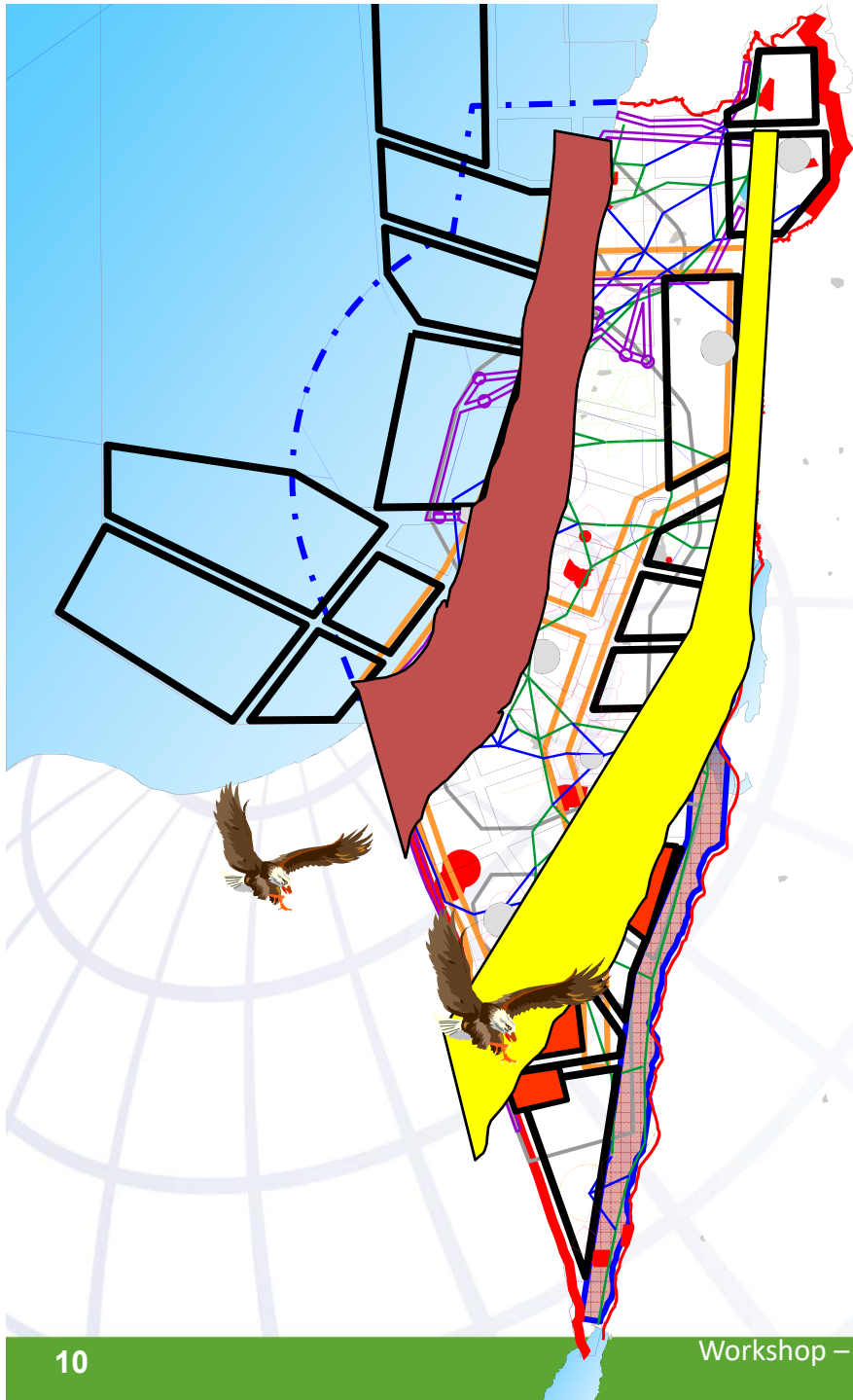
ATOs	
GA	6
LSA	1 (+1)
Helicopters	2
Gliders	4

Aviation infrastructure



ATM Units	
ACC (North/South)	2
Control towers	5
Ben-Gurion APP	1
Ben-Gurion TMA	1
Military Unit	4
AIS *	2

AERODROMES	
International airports	1 + 2
Domestic airports	2
Military base open to Intl. civil traffic	2
Landing strips	
regular	9
Helideck	20
Agriculture	11
LSA	3
RPAS	2
Total	45



General Airspace Structure/Layout

- ISRAEL FIR
- Northern Sector Tel-Aviv Control + TMA
- Eastern ATS Route – J10
- Civilian & Military CTRs
- Restricted flight zone
- Low-altitude training line
- Military Air routes
- CVFR routes
- RPAs routes
- IAF Training areas
- Light aircraft training areas
- Helicopter training areas
- Fire Zone
- Bird Migration routes

Initial Airworthiness



TCs & STCs

Aircraft designer	6
Israeli TC (Business jets Astra/Westwind G100/150/200/280)	4
Israeli STC	
Conversion of passengers aircraft to cargo aircraft	13
C music	6
Total	19
Foreign validated TCs	275
Foreign approved STCs	64

Production

Production organizations	5
Israeli aircraft production certificates (G100/150 /200/ 280)	1
ITSOA - Israeli appliances production certificates	3
PMA – parts manufacturer approval	1

AW Bilateral Agreements & working arrangements

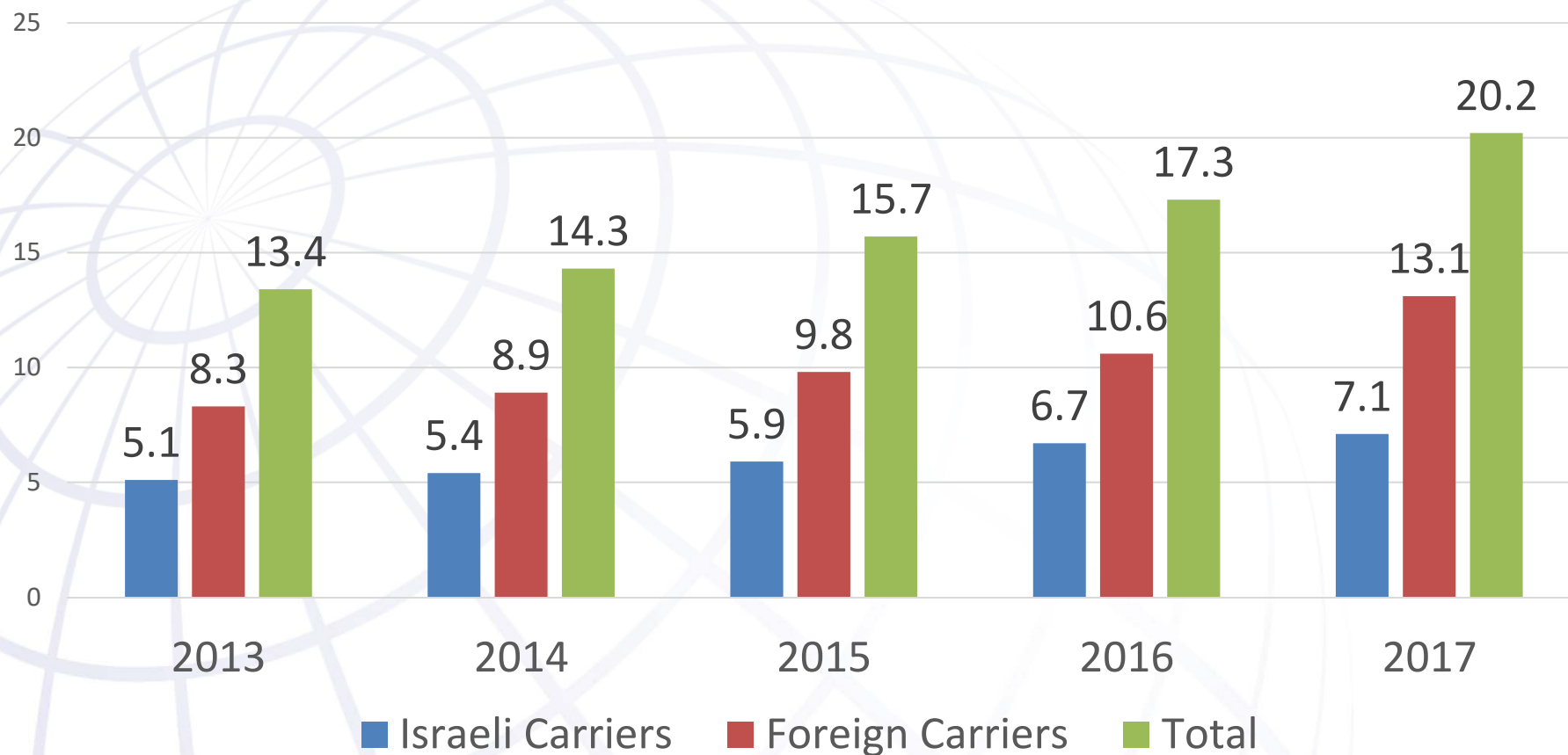
- USA (BASA)
- European Union EASA (Working Arrangement)
- Canada (Working Arrangement)
- Australia (MOU)
- Brazil (Working Arrangement)
- India (Working Arrangement)
- China (Working Arrangement)
- Taiwan (Working Arrangement)
- ... and more



Commercial traffic

- 45 + Bilateral / Multilateral Air Service Agreements with 72 countries
- Airlines from 50 + countries fly to Israel
- ~70 Foreign Air Carriers (scheduled operators)
- ~40 Foreign Air Carriers (Charter operators)

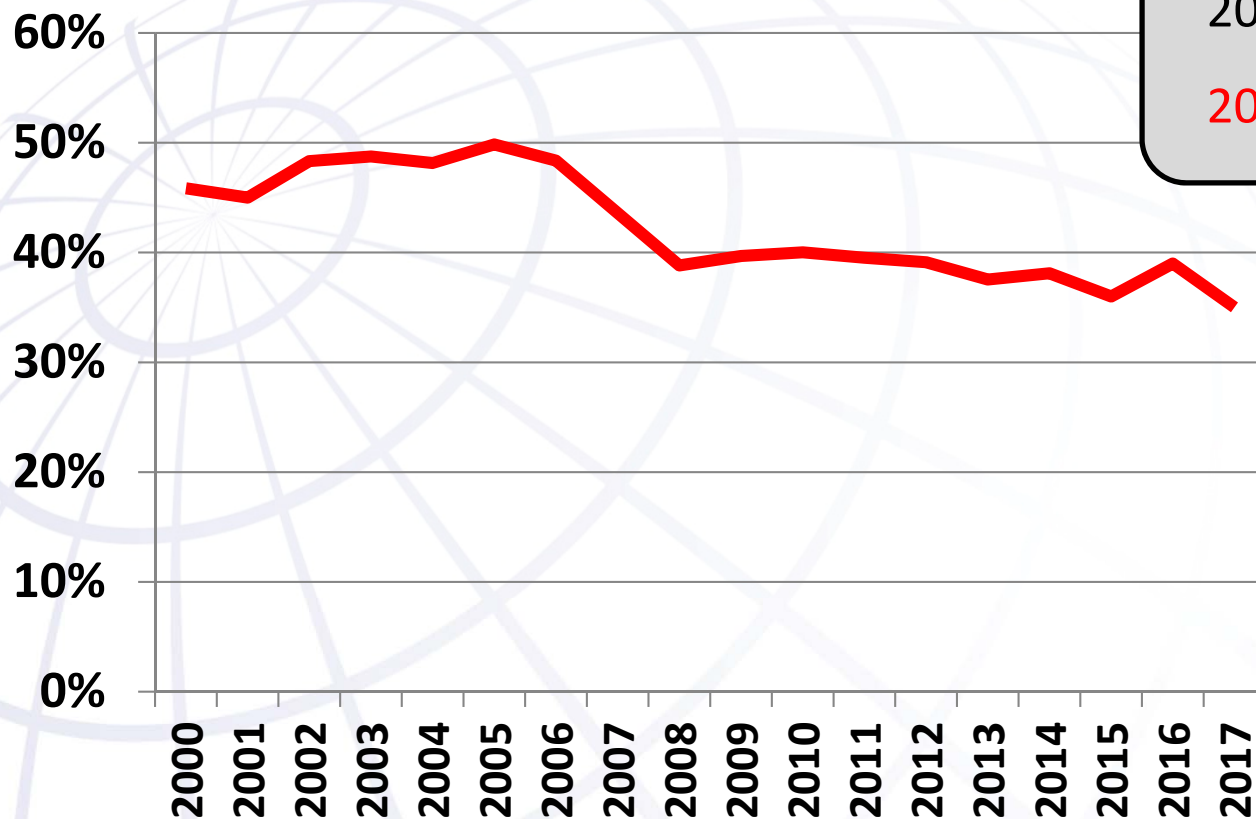
Int. PAX (M.) at LLGB 2013-2017



Int. PAX at LLGB (%) Annual Change



Int. PAX market share of Israeli air carriers at LLGB



2000 – Approx. 50%

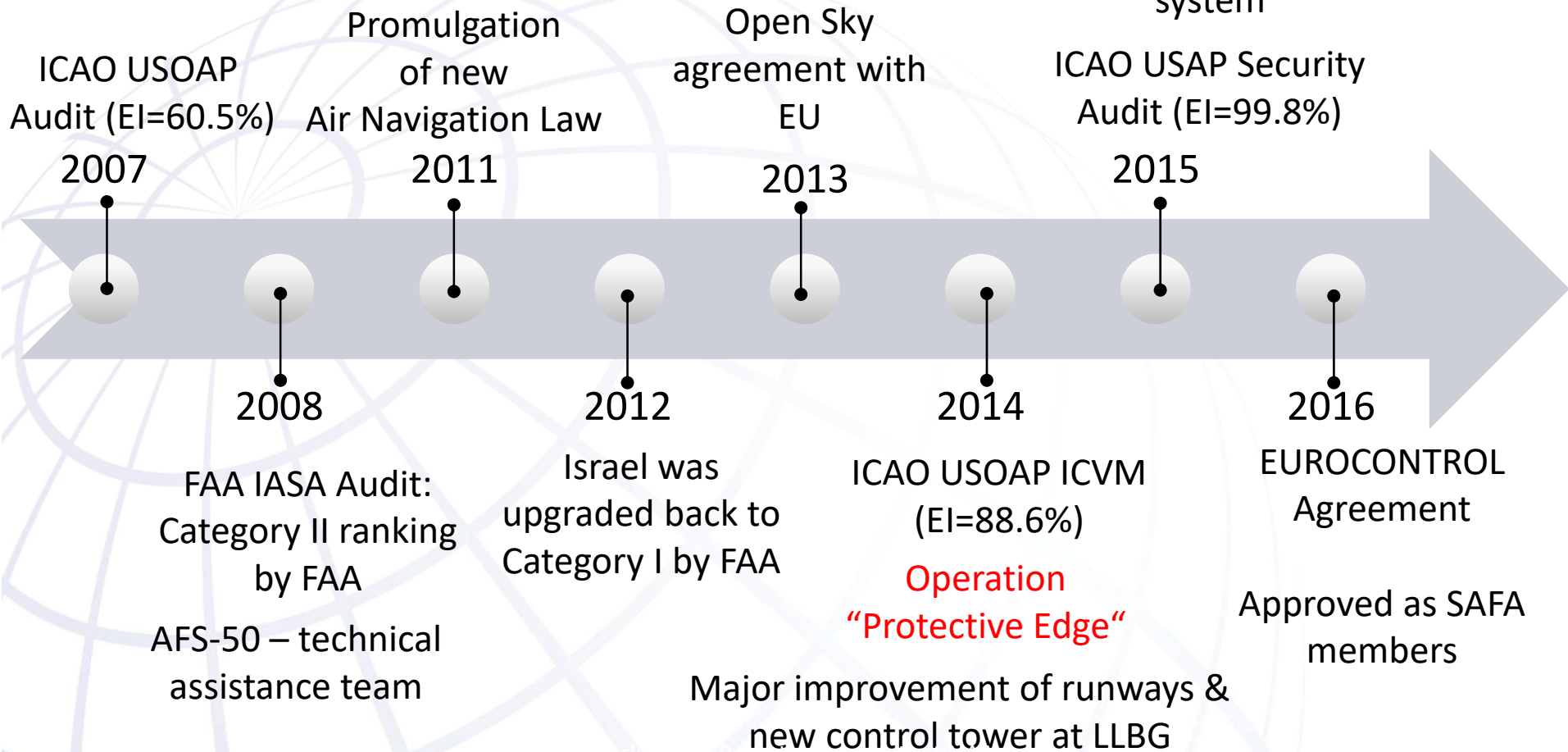
2017 – Approx. 35%

The new CAAI – Significant events since 2007



MITRE Agreement **17**

Equipage of Israeli air carriers with C-MUSIC system





About the workshop

- Israel has made tremendous progress in effectively regulating civil aviation in accordance to ICAO SARPs
- It's a daily struggle
- We are happy to share our practical experience gained in the last 10 years
- We expect to learn from you as much as you learn from us
- The workshop is based on the ICAO model of 8 Critical Elements - which the CAAI has found highly useful
- We hope the workshop will be interesting and rewarding

Questions?

