



General Overview of Turkish Civil Aviation

3 September 2015
Singapore

Mustafa Salih SEÇKİN
Technical Inspector



CONTENTS



SECTORIAL VALUES



DGCA ORGANISATION



REGULATORY FRAMEWORK



INTERNATIONAL RELATIONS

SECTORAL VALUES

- Significant developments in aviation industry
- More than 300% in 10 years,
- Continue until 2025 with a rate of 10%



SECTORAL VALUES | GENERAL

AOC Holders Total: 180

Airline	13 (3 Cargo)
Airtaxi	48
General Aviation	68
Balloon	25
Agricultural/Aerial Work	39

Airport Total: 53

Int Domestic	25
Only Domestic	28
Special	12

Aircraft Fleet

Airline	440
Airtaxi	215
General Aviation	324
Balloon	213
Aerial Work	156

Maintenance & Training Org. Total: 112

Maintenance Organisations	70
Flight Training Organisations (FTO)	29
Type Rating Training Organizations (TRTO)	13

Ground Handling Services Total: 47

A Class	3
B Class	16
C Class	28

Destinations

Domestic	60
International	238

Total: 1348



Manufacturing Industry

Aircraft (Design & Production)

- Turkish Aerospace Industry – TAI
 - Hürkuş (CS-23 Category Airplane)
 - ATAK (CS-29 Category Military Helicopter)
 - ANKA (UAV)
 - Özgün Project (CS-29 Civil Helicopter)
- Turkish Aerospace Association
 - Türkkuşu (Ultralight Category Airplane)
(DAeC(LBA)-DGCA)
- Ondokuz Mayıs University
 - Doğan (Ultralight Category Airplane)



Manufacturing Industry

Parts & Appliances

EASA and/or DGCA Approved Organizations



TSI (Seats for Boeing and Airbus)

TCI (Cabin Interiors for Airbus and Boeing)



THY Technic (Cabin Interior parts)



Manufacturing Industry

Parts & Appliances

Subcontractors

- TAI (Boeing/Airbus/Agusta Westland/Bombardier/etc parts & assembly)
- TEI (Engine assembly, production of modules and parts, design subcontractor, RPAS Engines)
- ALP Aviation (Sikorsky and Pratt Whitney parts, Goodrich Landing Gear)
- Havelsan (Software and Electronic hardware)
- Aselsan (Avionic System Integration, Complex Electronic hardware)
- More than 50 companies (standard parts)



GOVERNMENTAL STRUCTURE



Ministry of Transport, Maritime
Affairs and Communication

Accident and Incident
Investigation Committee

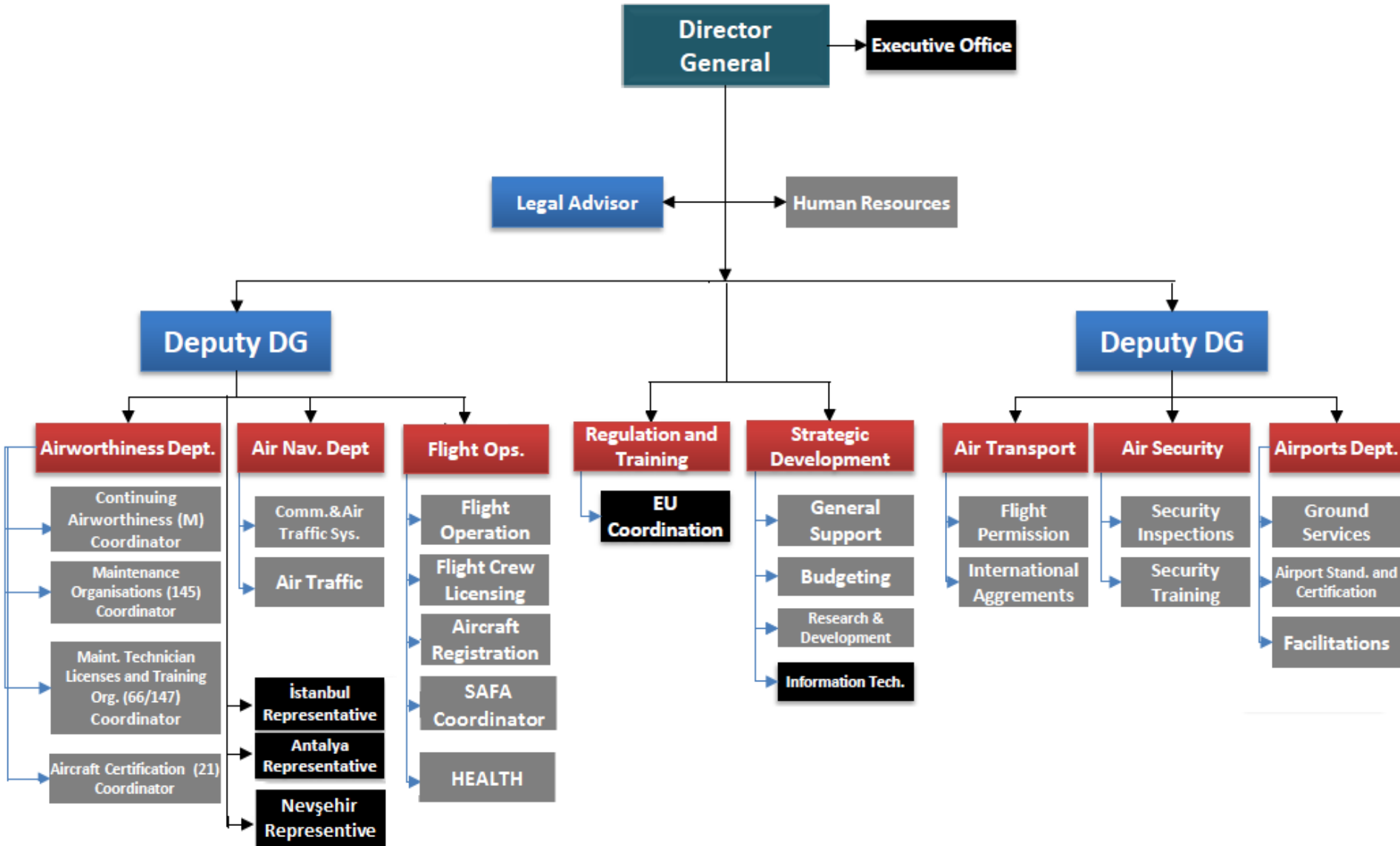
Undersecretary

Deputy
Undersecretary

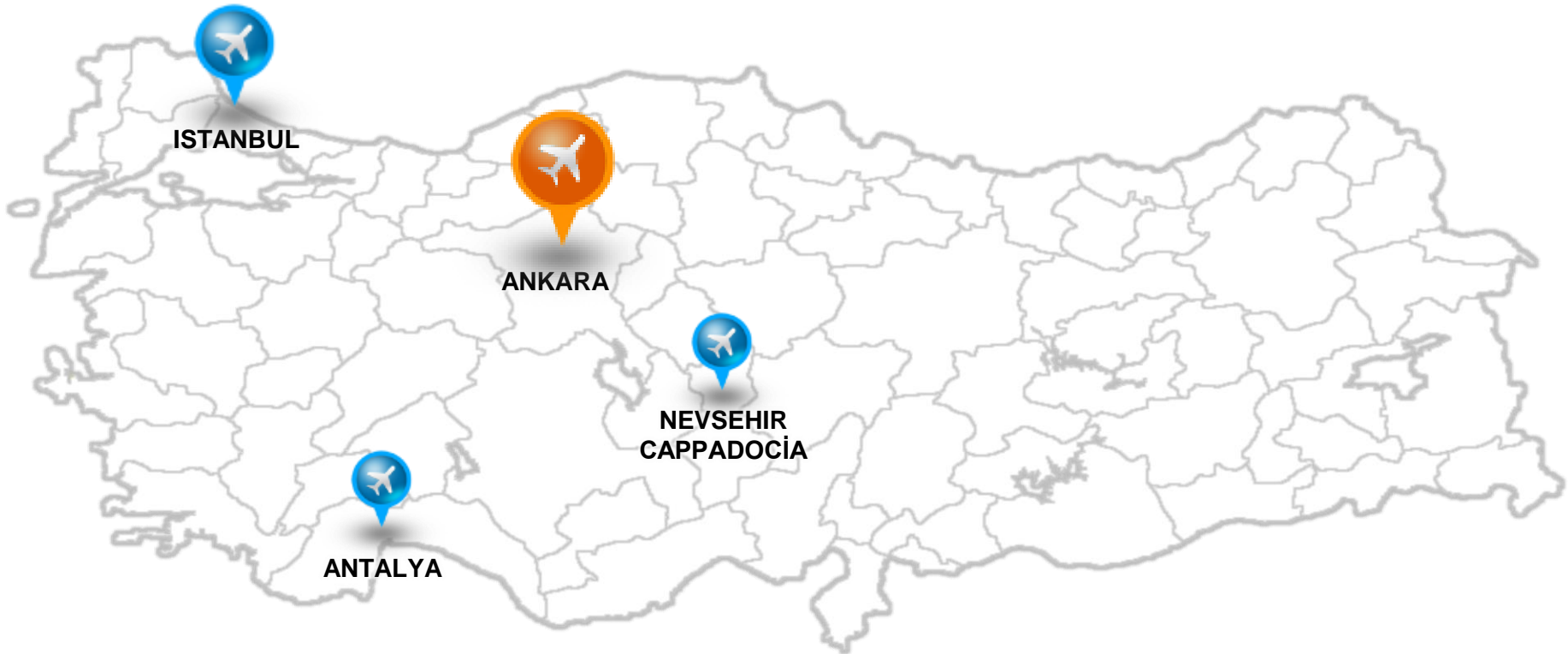
DGCA



DGCA Organization Chart

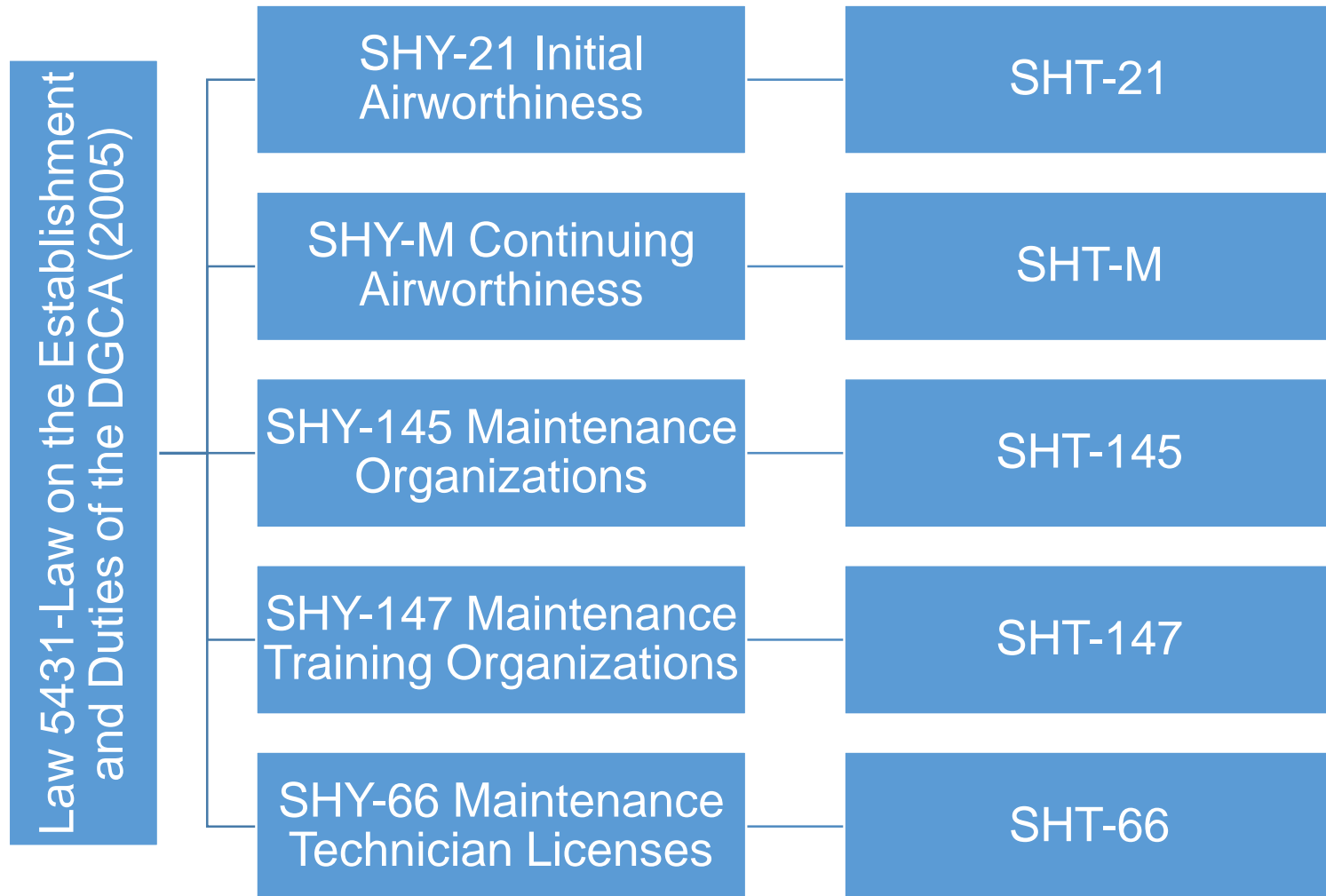


DGCA OFFICES



TOTAL: 240 Personnel (Engineers, technicians, pilots, etc.)

AIR LEGISLATION



SHY means By-Law
SHT means Instruction

Similar with EASA Parts
(21/M/145/66/147)



INTERNATIONAL RELATIONS

○ EASA - Europe

○ Working Arrangements:

- SAFA – 2007
- AIR, OPS, FCL – 2009 (revision in progress)

○ Certification and Production Activities

- TAI Hürkuş (CS 23 Category Aircraft)
- THY Technic DOA and POA for cabin interior
- TSI ETSOA, DOA and POA for seats

• Rulemaking Activities

- Standardisation Meetings
- Rulemaking Advisory Group (RAG) Meetings
- Thematic Advisory Group (TAG) Meetings for Production and Maintenance

• Standardisation / Accreditation Audits

- Standardisation audits on Airworthiness, Operation, Licensing and SAFA
- Accreditation for Maintenance Organisations



INTERNATIONAL RELATIONS

○ FAA

• **Certification and Production Activities**

- TCI Galleys for Boeing (subcontractor)
- TSI Seats (TSO Approval)
- STC Projects in Turkey

• **BASA**

- FAA Visit (13-15 January 2015)
 - Familiarization Meeting
 - Legislation, Mission, Organisation, Personnel, Processes, Approval Documents, Enforcement, Communication, etc.
- FAA Report has been received
- Technical Assessment



INTERNATIONAL RELATIONS

- **KOCA – South Korea**

- MoU and IP on AIR signed in December 2014



- **ANAC – Brazil**

- Administrative Arrangement on Certification (2003)
- New MoU and IPA (in progress)
- AIR&OPS Joint Audits



- **IAC AR – The Interstate Aviation Committee**

- MoU and IP on AIR in progress



- **German AeroClub (Authority for Ultralights)**

- Ultralight Type Certification



DEUTSCHER AERO CLUB E.V.



THANK YOU

Mustafa Salih SEÇKİN

Technical Inspector

Turkish DGCA

Tel: +90 312 203 6205

E-mail: salih.seckin@shgm.gov.tr

