DGCA INT'L COOPERATION

PRESENTED BY :

DIRECTOR GENERAL OF CIVIL AVIATION

YOGYAKARTA, June 2, 2016

Indonesian Civil Aviation System

REPUBLIC OF INDONESIA
Ministry of Transportation
Directorate General of Civil Aviation

INDONESIA is the World's Largest Archipelagic Country

Key figures:

- **Population: 234,893,453**
- **Area : 1,919,440 km²**
- **More than 17.000 islands, 6000 inhabited**

Airports

Number of airports	237
International	27
Domestic	210

Airport Standards

- CASR 139 (implementation of Annex 14), reinforced by:
- Minister Decree 21/2015

- **26 airports are managed AP I and AP II (State owned enterprise)**
- **166 airports are managed by Ministry of Transportation**
- **45 airports are managed by private operators or local government**

All airports are certified by the DGCA Airport Directorate, which also perform continuous surveillance (DG Decree 239/2009)

Aircraft registry evolution

DATA	2011	2012	2013	2014	2015*
Total aircraft registered	**1 209**	**1 322**	**1 434**	**1 448**	**1 510**
Total valid certificate	**865**	**950**	**1 026**	**1 068**	**1 142**
Number of aircraft operated per approval category					
- CASR 121	**426**	**478**	**511**	**527**	**549**
- CASR 135	**253**	**276**	**282**	**294**	**317**
- OC 91, OC 137, PSC 141,FASI	**186**	**196**	**233**	**247**	**276**

*** Up to Sept 2015**

Aircraft registry forecasted evolution

Aircraft Growth Forecast	2009	2010	2011	2012	2013	2014	2015)*	2016)*	2017)*	2018)*	2019)*	2020)*
AOC 121	381	432	426	478	511	527	570	616	666	720	778	841
AOC 135	192	225	253	276	282	294	318	344	372	402	435	470
OC 91	164	182	186	196	233	247	267	289	313	339	367	397
Total	737	839	865	950	1026	1068	1155	1249	1351	1461	1580	1708

Introduction to DGCA

DGCA headquarters and regional offices

Directorate General of Civil Aviation Organisation Structure

DGCA website :
http://hubud.dephub.go.id/

International Cooperations

- ICAO Technical Cooperation Bureau/TCB
- ICAO COSCAP SEA
- ICAO Regional Office/APAC
- DGB Netherlands
- DGAC France
- US Government (Aviation Sector)
- CASA Australia/ITSAP Project
- JCAB/JICA Project
- Airbus & Boeing Technical Assistances

Area of Cooperation

- **Technical assistance on the progress of FAA TR and IASA;**
- **Technical assistance on the progress of EU ban list;**
- **Workshop on safety activities (mountain flying, volcanic ash, State Safety Program, etc);**

Indonesia candidacy for ICAO Council

- **Indonesia wants to be ICAO Council member in Sep.2016.**
- **Efforts for the candidacy:**
  - Appointing Special Envoy for ICAO;
  - Promoting Indonesia to other Contracting States;
  - Providing training assistance to other Contracting States;
  - Indonesia contribution to ICAO on capacity development of Contracting States.

Major improvements further to ICAO USOAP and FAA IASA

ICAO USOAP AUDIT – Status and Corrective Action Plan

Level of Effective Implementation (EI)			
2007	2009	2014	Estimated Nov 2015
54.95%	80.36%	45.33%	78.67%

- CAPs accepted by ICAO is 97.81% (Nov 2015)
- Total CAPs accepted for PEL, OPS & AIR is 98.6%
- Total CAPs Progress: 61 % completed on 17 November 2015 (source: ICAO CMA online framework)
- **OFF SITE VISIT** (by on line review) - Critical Elements (CE) 1 to 5
  - Meeting with ICAO the 23rd of November 2015 in Montreal
- **ON SITE VISIT** (ICVM/ICAO Coordinated Validation Mission) - CE 6 to 8
  - Scheduled early 2016

Estimated present Effective Implementation of 78.67%

Overview of major achievements

- Alignment of CASR with ICAO SARPs — KP 10
- On-going implementation of ITS system to train and qualify DGCA inspectors
- Improvement of the inspectors handbook (flight operations and airworthiness) for the airline certification and continuous surveillance — Handbook
- Review and enhancement of approval and certification check-list, including specific operational approvals — Form
- Establishment of the law enforcement procedure — PM 30
- Implementation of the Safety Assessment of Foreign Operations (SAFO)

Alignment of CASR with ICAO SARPs

Indonesian regulations revised in order to ensure full alignement with latest ICAO Standard and Recommended Practices (SARPs)

OPERATIONS, OPERATORS, SAFETY & MAINTENANCE STANDARD

- CASR 91 amdt. 4, dated 20 May 2015
- CASR 121 amdt. 10, dated 27 Jul 2015
- CASR 135 amdt. 10, dated 2 Oct 2015
- CASR 67 amdt 1, dated 15 Jan 2015
- CASR 830 amdt 2, dated 21 Jan 2015
- CASR 141 amdt. 2, dated 26 Mar 2015
- CASR 145 amdt. 5 (Final Draft)
- CASR 129 amdt. 1, dated 6 May 2015

Airworthiness Standards

- CASR 21 amdt. 2, dated 9 Jun 2015
- CASR 27 amdt. 1, dated 19 Mar 2015
- CASR 29 amdt. 2 (Final Draft)
- CASR 33 amdt. 2, dated 15 Apr 2015
- CASR 34 amdt. 2, dated 20 Feb 2015
- CASR 35 amdt. 2, dated 5 May 2015
- CASR 36 amdt. 2, dated 20 Feb 2015

CAP progress based on area (as of 13 Nov 2015)

Source: ICAO CMA portal

FAA Technical Review Status

	Critical Elements	July 2007	Sept. 2012	May 2015	Update Progress
CE-1	*Primary Legislation*	4	4	0	-
CE-2	*Specific Operating Regulation*	2	10	0	-
CE-3	*Organizations*	1	7	0	-
CE-4	*Qualification & Trainings*	5	17	8	*All Closed*
CE-5	*Procedures & Guidances*	3	8	1	*All Closed*
CE-6	*Licensing & AOC Certification*	4	28	9	*All Closed*
CE-7	*Surveillance Obligation*	2	8	2	*All Closed*
CE-8	*Resolution of Safety Concern*	-	7	1	*All Closed*
	Total Observations	**21**	**89**	**21**	*All Closed*

FAA Technical Review Status

- **13 Aug 2015,** Submission of the DGCA Progress report on the corrective actions of FAA Technical Review May 2015.
- **18 Sept 2015,** Bilateral Meeting with FAA in Washington to review the DGCA Corrective Action and prepare FAA IASA Audit.

  Outcome of the meeting:
  - 1 Finding remaining related to Procedure for Administrative Sanction (CE8).
- **Nov 2015:** last finding close through the publication of the procedure of enforcement
- **Feb. 2016: FAA IASA**
- **May 2016: FAA IASA corrective action plan verification**
- **Result will be announced in one month.**

Terimakasih