

DCA MALAYSIA

**DEPARTMENT OF CIVIL AVIATION
MALAYSIA**

DASAR PENGGUNAAN DRONE NEGARA

INSTUN, Behrang 24 Mei 2016

*Presented by:
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Pengarah Sektor Trafik Udara*

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RPAS

- Potential uses:
 - aerial photography, surveying land and crops, communications and broadcast, monitoring forest fires and environmental conditions, and protecting critical infrastructures



PORTABLE SYSTEM

PERSISTENT SYSTEM

Agricultural Application, Real Surveillance, Search & Rescue, Cargo Delivery, Low Altitude Factor

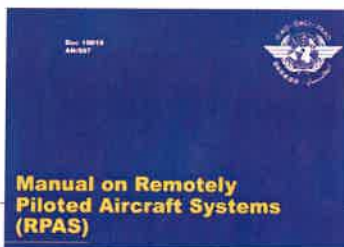
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Pursuit Of Global Standardisation

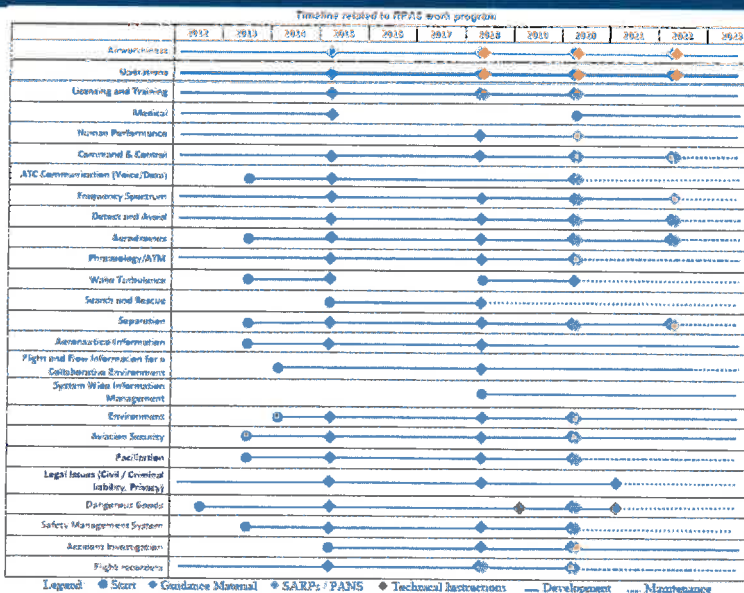
- Early 2007 : Formation of ICAO Unmanned Aircraft System Study Group.
 - To draw up global regulatory framework

- Nov 2014 : Remotely Piloted Aircraft System (RPAS) Panel
 - An international committee to replace the lower-level Study Group
 - Developing Standard and Recommendation Practices (SARPs) to facilitate the safe, secure and efficient integration of RPA into non-segregated airspace and aerodrome.
 - May refer to ICAO's Manual on Remotely Piloted System for guidance.



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Moving Forward

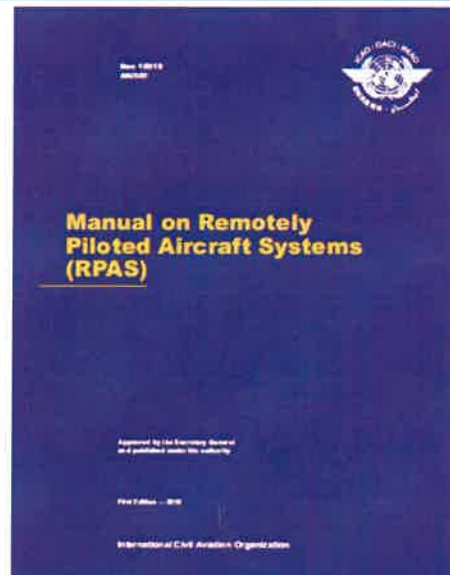
- RPAS/UAS integration requires a long term commitments from all stakeholders adding their experience. There are 50 individual tasks in the RPA Panel work programme such as:
 - Airworthiness,
 - Operations,
 - Licensing
 - Medical qualification of UAS pilots
 - Requirement for detect and avoid system
 - Frequency spectrum protection
 - Unintentional or unlawful interference
 - Separation standards from other aircrafts etc.

- Annexes 2,3,6,8,10,11,14 and 19 needs initial mitigation applicable to RPAS and needs to be amended



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- PERATURAN-PERATURAN PENERBANGAN AWAM 2016
- CIVIL AVIATION REGULATIONS 2016
- EFFECTIVE 15 April 2015

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AIC (Aeronautical Information Circular)

PHONE: 6-03-8871 4000 TELEX : PENAWAMA 30128 FAX : 6-03-8881 0630 AFTN : WMKKYAYS COMM : AIRCIVIL KUALA LUMPUR	AERONAUTICAL INFORMATION SERVICES DEPARTMENT OF CIVIL AVIATION LEVEL 1-4, PODIUM BLOCK, NO. 27, PERSIARAN PERDANA, PRECINCT 4, 62810 PUTRAJAYA MALAYSIA	DRAFT 16/07/15
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UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN MALAYSIAN AIRSPACE

1. INTRODUCTION
 - 1.1 This AIC is issued in the exercise of the powers conferred under **Section 24[O]** of Act 3 of the Civil Aviation Act 1969.
 - 1.2 This AIC supersedes AIC 04/2008 dated 18 February 2008.

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Penalties

- Penalties for individuals or companies that violate any of the provisions in the Civil Aviation Regulations 2016 relating to UAS on conviction be liable
 - where the person is an individual, to a fine not exceeding fifty thousand ringgit or to imprisonment for a term not exceeding three years or to both; or
 - where the person is a body corporate, to a fine not exceeding one hundred thousand ringgit.

"Ignorance of the law is not an excuse"

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**KNOW
BEFORE YOU
FLY**

Thank You