UNMANNED AVIATION 2022

DRONE ENABLE 2022

PLEASE HANDLE WITH CARE
FRAGILE
FRAGILE

ICAO DEVELOPED MATERIALS TO SUPPORT SAFE UAS OPERATIONS

Anne GRIMAL

UAS iPack

ICAO iPack

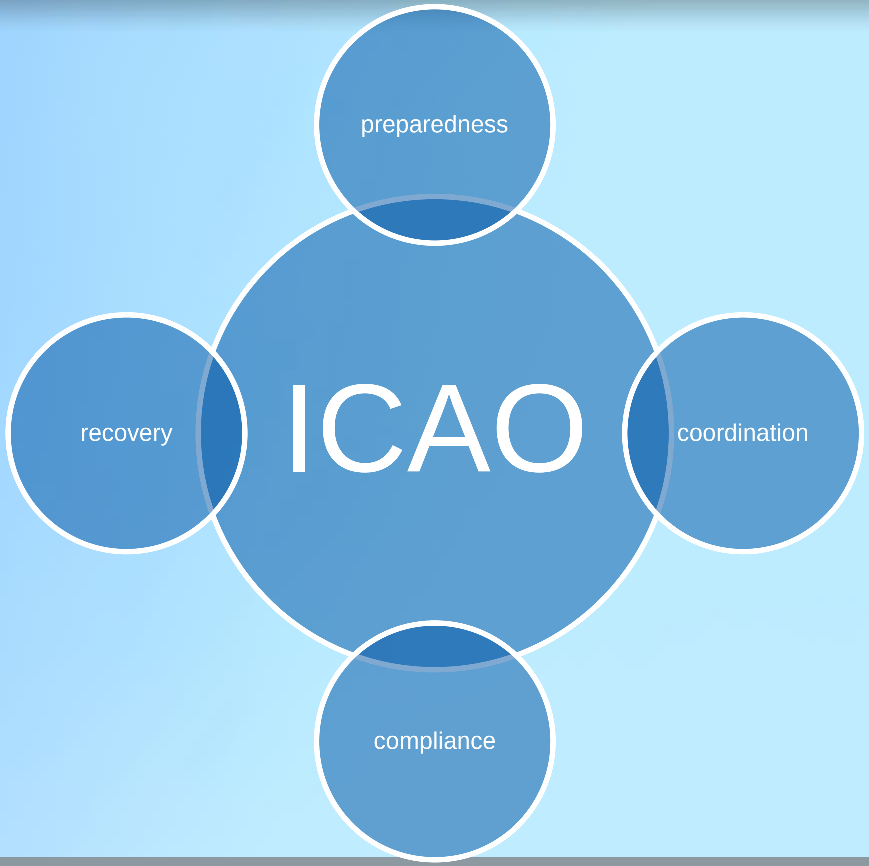
Safety

Establishing a Regulatory Framework for Unmanned Aircraft Systems (UAS)

Implementation Package

www.icao.int/iPack

- WHY?
- WHAT FOR?
- HOW?



preparedness

recovery

ICAO

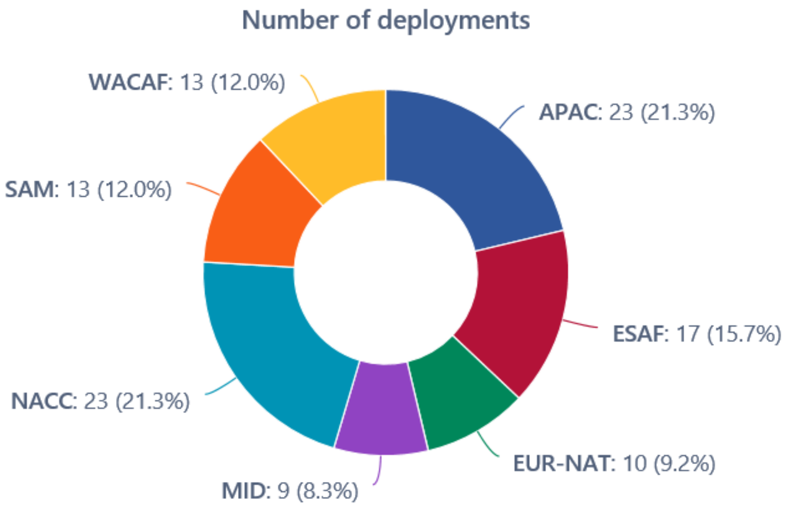
coordination

compliance

ICAO SAFETY

Statistics

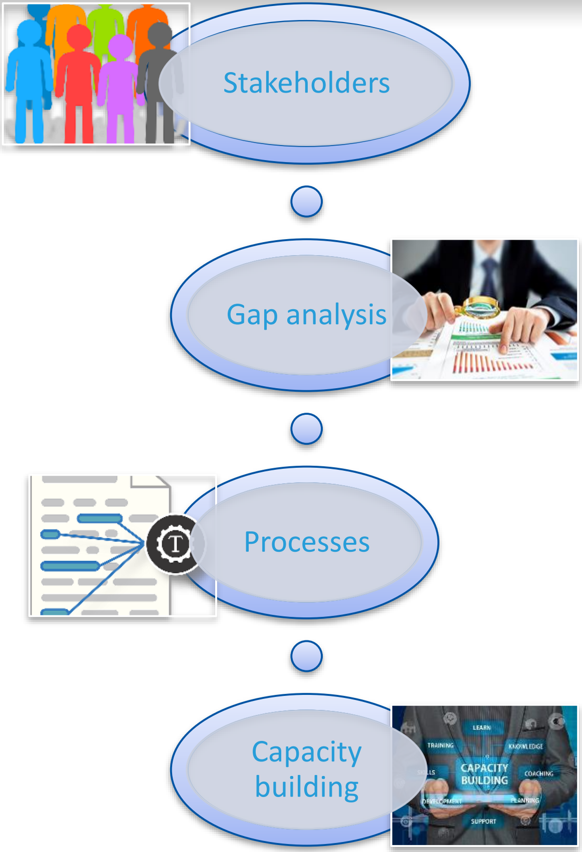
- 108 iPacks, mainly on:
    - Aviation Security (19)
    - Aerodrome Restart (16)
    - National Aviation Safety Plan (15)
    - Facilitation (14)
    - Safety Risk Management (13)
    - Public Health Corridor (11)
    - **UAS (7)**



Establishing a regulatory framework for UAS

GOAL:

Assist and guide Ministries of transport, Civil Aviation Authorities, and organizations in developing a UAS regulatory framework that is consistent with principles and strategies set forth in the Chicago Convention and its Annexes.



Stakeholders

Gap analysis

Processes

Capacity building

LEARN
TRAINING
KNOWLEDGE
CAPACITY BUILDING
COACHING
SUPPORT

UAS iPack Components

ICAO SME

Dedicated UAS Subject Matter Expert for 20 workdays over a period of three months.

Training

- Overview of Unmanned Aviation Fundamentals – Online Course;
- Unmanned Aviation Fundamentals - Virtual Course;
- Unmanned Aircraft Systems Regulations - Online Course;
- Unmanned Aircraft Systems Operations Online Course;
- Unmanned Aircraft Systems (UAS) Safety Management System (SMS) - Online Course.

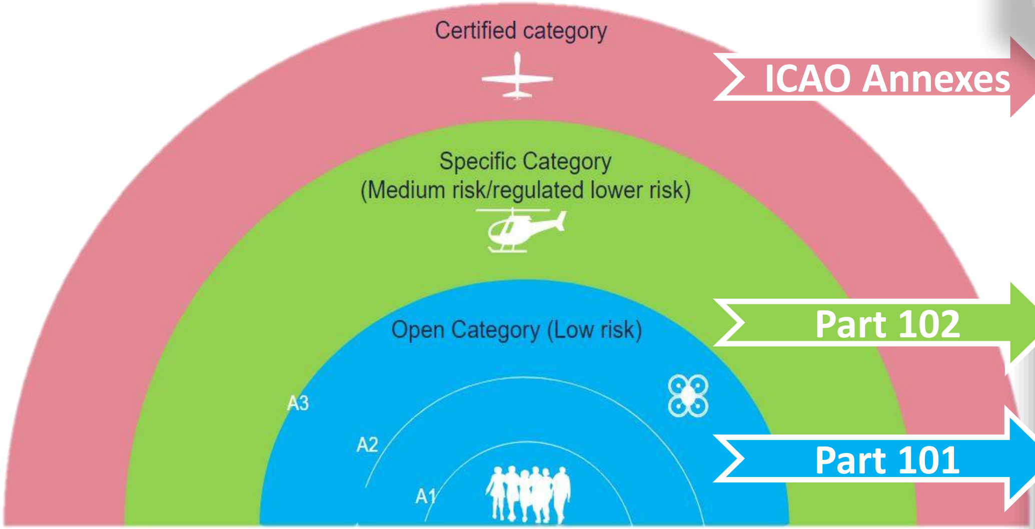
Tools

- Model UAS Regulations;
- Advisory Circulars;
- Checklists;
- Decisions aids;
- Templates; and
- Forms.

Documents

- ICAO Model UAS Regulations;
- Advisory Circulars;
- other associated guidance material; and
- relevant ICAO Annexes.

ICAO UAS Provisions


Certified category
Specific Category
(Medium risk/regulated lower risk)
Open Category (Low risk)
A3
A2
A1

ICAO Annexes

ICAO
Annex 1
Personnel Licensing

Convention on
International Civil Aviation

Convention relative à
l'aviation civile internationale

Convenio sobre
Aviación Civil Internacional

Конвенция о международной
гражданской авиации

Part 102

Part 101

ICAO MODEL UAS
REGULATIONS

- AC 101-1
- AC 102-1
- AC 102-37

Part 149

ICAO MODEL UAS
REGULATIONS

ICAO support to States

ICAO MODEL REGULATIONS

https://www.icao.int/safety/UA/Pages/ICAO-Model-UAS-Regulations.aspx

Courses

www.store.icao.int/en/training/online-courses/unmanned-aircraft-systems

https://igat.icao.int/ated/TrainingCatalogue/Course/5103

15% discount on the online courses - code DRONE-ENABLE

UAS iPack

https://www.icao.int/secretariat/TechnicalCooperation/Pages/UAS-iPACK.aspx

ICAO

North American Central American and Caribbean (NACC) Office
Mexico City

South American (SAM) Office
Lima

ICAO Headquarters Montréal

Western and Central African (WACAF) Office
Dakar

European and North Atlantic (EUR/NAT) Office
Paris

Middle East (MID) Office
Cairo

Eastern and Southern African (ESAF) Office
Nairobi

Asia and Pacific (APAC) Sub-office
Beijing

Asia and Pacific (APAC) Office
Bangkok

THANK YOU