



## **DANGEROUS GOODS PANEL (DGP) WORKING GROUP MEETING**

**Montréal, 1 to 5 October 2018**

**Agenda Item 8: Coordination with other panels**  
**8.4: Remotely Piloted Aircraft Systems Panel (RPASP)**

### **KEY TERMS FOR UNMANNED AVIATION**

(Presented by the Secretary)

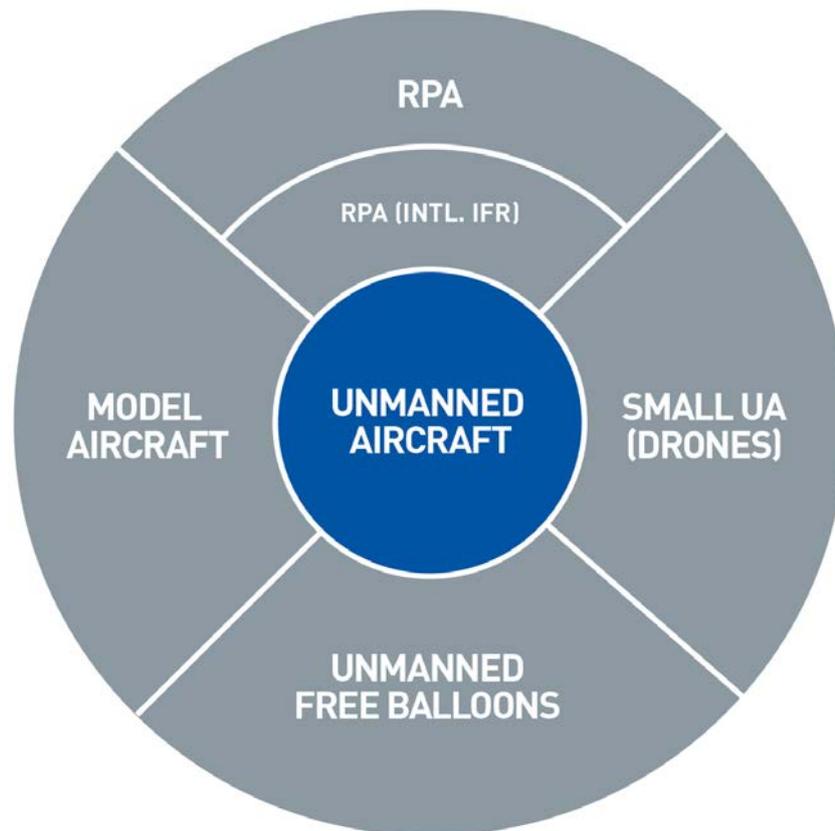
#### **SUMMARY**

This information paper is presented to support discussions on the review of draft material on remotely piloted aircraft systems operations included in DGP-WG/18-WP/1 and the proposal to include a definition for unmanned aircraft systems contained in DGP-WG/18-WP/23.

The information paper provides a list of key terms for unmanned aviation. It was developed by ICAO in order to support consistent terminology among States, recognizing that many States do not yet have regulations for unmanned aviation in place.



## KEY TERMS FOR UNMANNED AVIATION



### UNMANNED AIRCRAFT (UA)

Unmanned aircraft (UA) operate as part of an **unmanned aircraft system (UAS)** which also includes a **remote pilot station (RPS)**, a **C2 Link** for control and management, and other necessary **components**.

UA includes a broad spectrum of aircraft, from **drones**, **unmanned free balloons**, and **model aircraft**, to highly complex **remotely piloted aircraft (RPA)** operated by licensed aviation professionals.

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### REMOTELY PILOTED AIRCRAFT (RPA)

RPA are a subset of UA. A further subset of RPA is expected to be accommodated and ultimately integrated into the airspace for **international, instrument flight rules (IFR)** operations, which will require full regulatory certification.

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### SMALL UA/DRONES

Generally weighing less than 25 kg, this subset of smaller UA is commonly referred to as **drones**.

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### UNMANNED FREE BALLOON

This term describes **non-power driven, unmanned, lighter-than-air aircraft** in free flight.

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### MODEL AIRCRAFT

This term describes small size unmanned aircraft, generally representing a **scaled down version** of full size aircraft and used for **recreational** purposes in the sport and pastime of aeromodelling.