

aircraft operators). Noting that many States and a few civil aviation organizations have already developed robust safety and security taxonomies used by subject matter experts for reporting (safety and) security incidents to their authorities and industry peers, further work on harmonization of models between security and safety may be required. Therefore, States are strongly encouraged to agree and coordinate implementation of taxonomies as well as reporting templates and timelines with industry stakeholders.

4. In light of the above, the following taxonomy has been developed to assist States and stakeholders in implementing a harmonized reporting system for aviation security occurrences and incidents.

<i>Class*</i>	<i>Category**</i>
Landside security	Discovery or use of vehicle-borne improvised explosive device (IED)
	Discovery or use of person-delivered IED
	Armed attack
	Unattended/suspicious items (also applicable airside)
	Chemical, biological and radiological (CBR) attack
	Damage to critical infrastructure/vulnerable points
	Suspicious behaviour
	Unplanned disruptions, including bomb threat or hoax
Passengers and cabin baggage	Discovery or use of prohibited item/IED
	Deficiency in the security checkpoint screening process
	Mixing of screened and unscreened passengers
	Suspicious behaviour
Staff and crew	Deficiency in the security checkpoint screening process
	Discovery or use of prohibited item/IED
	Sabotage
	Insider bypassing security controls
	Deliberate attempt to circumvent vetting/background check regime
Access control	Breach or attempted breach of perimeter

Sensitive Security Information

Dissemination, reproduction or onward distribution of this document is expressly prohibited without the consent of the originators.

<i>Class*</i>	<i>Category**</i>
	Unauthorized access to security restricted area (SRA) or other controlled area (non-staff)
	Unauthorized/unescorted access within SRA (staff)
	Suspicious behaviour of staff
	Deficiency in the access control system
	Deficiency in the ID pass issuing system
	Deficiency in the vehicle access control system including application of security controls and/or screening of occupants and vehicles
Hold baggage	Discovery or use of prohibited item/IED
	Deficiency in protecting screened hold baggage
	Evidence of tampering of screened hold baggage
	Deficiency in the hold baggage screening (HBS) system or process (including passenger baggage reconciliation)
	Deficiency in the process of transportation of dispatched weapons
In-flight supplies	Unauthorized access to in-flight supply facility
	Deficiency in protecting secure supplies
	Evidence of tampering of secured in flight supplies
	Deficiency in applying security controls
	Discovery or use of prohibited item/IED
Airport supplies	Unauthorized access to facility
	Deficiency in protecting secure supplies
	Evidence of tampering of secured airport supplies
	Deficiency in applying security controls
	Discovery or use of prohibited item/IED
Aircraft protection on the ground	Unauthorized passenger on the aircraft

Sensitive Security Information

Dissemination, reproduction or onward distribution of this document is expressly prohibited without the consent of the originators.

<i>Class*</i>	<i>Category**</i>
	Unauthorized staff on the aircraft
	Deficiency in the aircraft security search/check
	Deficiency in aircraft protection measures, including where aircraft are parked overnight
	Discovery or use of prohibited item/IED in the aircraft cabin or hold
Aircraft in-flight security measures	Unruly passenger (to be considered for level 3 and 4 (see ICAO <i>Aviation Security Manual</i>) only to be reported)
	Deficiency in the cockpit door process/protection
	Discovery or use of prohibited item/IED
	CBR attack
	Hijacking in flight
	Bomb threat in flight
Cargo and mail	Unauthorized access to cargo screening facility
	Deficiency in the screening process
	Discovery or use of prohibited item/IED
	Deficiency in protecting secured cargo
	Evidence of tampering of secured cargo
	Deficiency in the acceptance process
	Suspicious activity
Air Traffic Control	Armed attack against air traffic control (ATC) facility
	Destruction or damage of air navigation aids
	Unauthorized access
Digital information and technologies	Attack against aircraft system(s)
	Attack against air traffic management (ATM) system(s)

Sensitive Security Information

Dissemination, reproduction or onward distribution of this document is expressly prohibited without the consent of the originators.

<i>Class*</i>	<i>Category**</i>
Unmanned aircraft system(s) (UAS) / Unmanned aerial vehicle (UAV) / Remotely-piloted aircraft system(s) (RPAS)	Attack against airport system(s)
	Attack against other critical systems and data
	Unauthorized incursion into controlled airspace
	Near miss/Encounter with aircraft in flight
	Strike/Collision with aircraft in flight
	Sighting from aircraft/airport
	Unmanned aerial vehicle (UAV) caused threat against aircraft
	UAV caused threat against airport infrastructure
	UAV caused threat against passengers
	Attack on aircraft or airport facility
Stand-off weapon (MANPADs, etc.)	Reported sighting
	Attack on aircraft or airport facility
	Reported sighting
Lasers²	Attack on aircraft or airport facility
	Reported sighting
	Suspicious activity
Aviation security information	Deficiency in protecting sensitive aviation security information
	Loss of integrity and availability of information systems
General Aviation/Aeroclubs	Unauthorized access
	Discovery of prohibited item/IED

***Class:** describes the topic the security incident would refer to, such as 'access controls', 'hold baggage' or 'cargo/mail'. The chosen identifiers are already commonly used in Annex 17 and the *Aviation Security Manual*, and are expected to be easy for entities to refer to and relevant for authorities to make assessments.

****Category:** indicates a more specific description of the security incident involved. The categories differ per class as the possible security incidents vary depending on which aviation security process they relate to. For instance, the class

² Incidents involving the use of lasers may be reported as part of safety reporting programmes and safety management systems. It is therefore recommended that relevant national authorities provide clear guidance on how best to report such incidents.

'aircraft protection on the ground' includes the category 'deficiency in the aircraft security search/check', whereas the class 'hold baggage' includes the category 'deficiency in protecting screened hold baggage'. There would also be a category 'other' for those incidents that may be too rare to justify a separate category or which may be considered a new threat or vulnerability. However, this option should only be used when none of the other categories seems suitable.

Sensitive Security Information

Dissemination, reproduction or onward distribution of this document is expressly prohibited without the consent of the originators.