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ICAO LEGAL SEMINAR

**Annex 17 and Annex 9 Provisions
support to fight New and emerging
Threat**

Nairobi – Kenya, 27-28 November 2017



Annex 17: Security (AVSEC)

- Lead and support global efforts to establish sustainable civil aviation security regimes and oversight systems to:
 - prevent unlawful interference with civil aviation;
 - respond effectively to attacks and attempted attacks; and
 - assure the safe and efficient movement of people and goods.



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Provisions of Annex 17- Amendment 15 - Supporting the fight against New and emerging Threat.

Behaviour detection:

The application of techniques involving the recognition of behavioural characteristics, including but not limited to physiological or gestural signs indicative of anomalous behaviour, to identify persons who may pose a threat to civil aviation.



Annex 17, Amendment 15

landside security

- Each Contracting State shall ensure that landside areas are identified (4.8.1);
- Each Contracting State shall ensure that security measures are established for landside areas to mitigate the risk of and to prevent possible acts of unlawful interference in accordance with risk assessments carried out by the relevant authorities or entities (4.8.2).



Annex 17, Amendment 15

Landside Security

- Each Contracting State shall ensure coordination of landside security measures in accordance with Standards 3.1.5, 3.2.2 and 3.2.3 between relevant departments, agencies, other organizations of the State, and other entities, and identify appropriate responsibilities for landside security in its national civil aviation security programme (4.8.3);



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Annex 17, Amendment 15

Man-Portable Air Defence Systems (MANPADS).

Each Contracting State, in accordance with the risk assessment carried out by its relevant national or local authorities, shall ensure that appropriate measures on the ground or operational procedures are established to mitigate possible attacks against aircraft using Man-Portable Air Defence Systems (MANPADS) and other weapons representing a similar threat to aircraft at or near an airport (4.3.6)



Annex 17, Amendment 15

Measures relating to cyber threats

- *Each Contracting State should, in accordance with the risk assessment carried out by its relevant national authorities, ensure that appropriate measures are developed in order to protect the confidentiality, integrity and availability of critical information and communications technology systems and data used for civil aviation purposes from interference that may jeopardize the safety of civil aviation. (Rec 4.9.1)*



Annex 17, Amendment 15

Measures relating to cyber threats

- *Each Contracting State should encourage entities involved with or responsible for the implementation of various aspects of the national civil aviation security programme to identify their critical information and communications technology systems and data, including threats and vulnerabilities thereto, and to develop and implement protective measures to include, inter alia, security by design, supply chain security, network separation, and remote access control, as appropriate. (Rec 4.9.2).*



New and emerging Threat.

USAP-CMA Protocol Questions

LEG 1.155: availability of methodology for adjusting the NCASP.

TRG 2.147: specific training for all staff involved in the implementation of landside security.

QCF 3.277: conduct quality control activities to ensure the implementation of security measures for landside areas;

OPS 4.015: ASP sufficient details to ensure correct application of landside security measures

OPS 4.340: identification of landside areas;

OPS 4.395: coordination of landside security measures



Proposal for Amendment 16 to Annex 17

- Each Contracting State shall establish and implement procedures to share, as appropriate, with its airport operators, aircraft operators, air traffic service providers or other entities concerned, in a practical and timely manner, relevant information to assist them to conduct effective security risk assessments relating to their operations. (3.1.3bis)



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Proposal for Amendment 16 to Annex 17

Measures relating to cyber threats

Each Contracting State shall ensure that operators or entities as defined in the national civil aviation security programme or other relevant national documentation identify their critical information and communications technology systems and data used for civil aviation purposes and, in accordance with a risk assessment, develop and implement, as appropriate, measures to protect them from unlawful interference. (4.9.1)



Proposal for Amendment 16 to Annex 17

Measures relating to cyber threats

Each Contracting State should ensure that the measures implemented protect, as appropriate, the confidentiality, integrity and availability of the identified critical systems and/or data. The measures should include, inter alia, security by design, supply chain security, network separation, and remote access control, as appropriate and in accordance with the risk assessment carried out by its relevant national authorities.(Rec. 4.9.2)



Facilitation: Annex 9- Amendment 26

Advance Passenger Information (API)

- Each Contracting State shall establish an Advance Passenger Information (API) system. (9.5);
- The API system of each Contracting State shall be supported by appropriate legal authority (such as, inter alia, legislation, regulation or decree) and be consistent with internationally recognized standards for API (9.6)



AVSEC improvement is a collective responsibility

Civil Aviation Authority

Airport Authority

Customs

Screeners

Police

Immigration

Airlines

Industry





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