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INTERNATIONAL CIVIL AVIATION ORGANIZATION
A UN SPECIALIZED AGENCY

ICAO REQUIREMENTS FOR ATM CONTINGENCY MANAGEMENT

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Workshop for the Updating and Harmonization of ATM Contingency Plans of States and Territories of the CAR Region
San Salvador, El Salvador, from 2 to 6 November 2026

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Objectives



- Annex 11 requirements regarding arrangements for contingency situations.
- Guidance material relating to the development, promulgation, and implementation of contingency plans.
- Identify responsibilities concerning the preparation, promulgation, and implementation of contingency plans.
- Analyze regional and national compliance with Annex 11 requirements for contingency arrangements.

Annex 11 requirements for contingency arrangements

2.32 Contingency arrangements

Air traffic services authorities shall develop and promulgate contingency plans for implementation in the event of disruption, or potential disruption, of air traffic services and related supporting services in the airspace for which they are responsible for the provision of such services. Such contingency plans shall be developed with the assistance of ICAO as necessary, in close coordination with the air traffic services authorities responsible for the provision of services in adjacent portions of airspace and with airspace users concerned.

Note 1.— Guidance material relating to the development, promulgation and implementation of contingency plans is contained in Attachment C.

Annex 11 requirements for contingency arrangements

ATTACHMENT C. Material relating to contingency planning

Purpose

- The purpose of the guidelines is to assist in providing for the safe and orderly flow of international air traffic in the event of disruptions of air traffic services and related supporting services and in preserving the availability of major world air routes within the air transportation system in such circumstances.
- They set forth the allocation of responsibility among States and ICAO for the conduct of contingency planning and the measures to be taken into consideration in developing, applying and terminating the application of such plans.
- The guidelines are based on experience which has shown, inter alia, that the effects of disruption of services in particular portions of airspace are likely to affect significantly the services in adjacent airspace, thereby creating a requirement for international coordination, with the assistance of ICAO as appropriate. Hence, the role of ICAO in the field of contingency planning and coordination of such plans is described in the guidelines.

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Annex 11 requirements for contingency arrangements

ATTACHMENT C. Material relating to contingency planning

Key points to consider

- Contingency plans are intended to provide alternative facilities and services to those provided for in the regional air navigation plan when those facilities and services are temporarily not available.
- The State(s) responsible for providing air traffic services and related supporting services in particular portions of airspace is (are) also responsible, in the event of disruption or potential disruption of these services, for instituting measures to ensure the safety of international civil aviation operations and, where possible, for making provisions for alternative facilities and services.
- ICAO will initiate and coordinate appropriate contingency action in the event of disruption of air traffic services and related supporting services affecting international civil aviation operations provided by a State wherein, for some reason, the authorities cannot adequately discharge their responsibility. In such circumstances, ICAO will work in coordination with States responsible for airspace adjacent to that affected by the disruption and in close consultation with international organizations concerned.

Annex 11 requirements for contingency arrangements

ATTACHMENT C. Material relating to contingency planning

Key points to consider

- ICAO will also initiate and coordinate appropriate contingency action at the request of States.
- Timely introduction of contingency arrangements requires decisive initiative and action, which again presupposes that contingency plans have, as far as practicable, been completed and agreed among the parties concerned before the occurrence of the event requiring contingency action, including the manner and timing of promulgating such arrangements.
- States should take preparatory action, as appropriate, for facilitating timely introduction of contingency arrangements. Such preparatory action should include:
    a) preparation of general contingency plans.
    b) assessment of risk to civil air traffic.
    c) monitoring of any developments that might lead to events requiring contingency arrangements to be developed and applied.
    d) designation/establishment of a central agency.

Annex 11 requirements for contingency arrangements

ATTACHMENT C. Material relating to contingency planning

Possible contingency actions

- re-routing of traffic to avoid the whole or part of the airspace concerned, normally involving establishment of additional routes or route segments with associated conditions for their use;
- establishment of a simplified route network through the airspace concerned, if it is available, together with a flight level allocation scheme to ensure lateral and vertical separation, and a procedure for adjacent area control centres to establish longitudinal separation at the entry point and to maintain such separation through the airspace;
- reassignment of responsibility for providing air traffic services in airspace over the high seas or in delegated airspace.

Annex 11 requirements for contingency arrangements

ATTACHMENT C. Material relating to contingency planning

Role of ICAO/ICAO Regional Offices

- Monitor/support the development of contingency plans, as required.
- Initiate and coordinate appropriate contingency action if for some reason, the authorities cannot adequately discharge the responsibility.
- Be available for monitoring developments that might lead to events requiring contingency arrangements to be developed and applied and will, as necessary, assist in the development and application of such arrangements.
- Monitor continuously information from all relevant sources, and to exchange up-to-date information with States directly concerned and States which are potential participants in contingency arrangements.
- States which anticipate or experience disruption of air traffic services and/or related supporting services should advise, as early as practicable, the ICAO Regional Office accredited to them, and other States whose services might be affected. Such advice should include information on associated contingency measures or a request for assistance in formulating contingency plans.


Air Traffic Services Contingency Planning
PEOPLE
SYSTEMS
AIRSPACE
ALWAYS FORWARD
SAFE SKIES • RESILIENT OPERATIONS • CONTINUED CONNECTIONS
ADAPT
COORDINATE
MAINTAIN
CONTINUE
Annex 11 Requirements
UNDERSTAND
KEY PROVISIONS
APPLY TO
CONTINGENCY
ARRANGEMENTS
Develop • Promulgate • Implement
DEVELOP
PROMULGATE
IMPLEMENT
Clear Responsibilities
PREPARATION
PROMULGATION
IMPLEMENTATION
Coordinated contingency arrangements
National & Regional Compliance
CONTINGENCY TODAY
CONTINUITY TOMORROW
CONNECTED AIRSPACE
STRONGER TOGETHER

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Thank You!

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