



**INTERNATIONAL
CIVIL AVIATION
ORGANIZATION**



ICAO Provisions on Safety Monitoring Activities for RVSM Airspace

29 June 2026

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Document	Description	Type
ICAO Annex 11	High level requirements for the establishment of regional monitoring agencies in all regions in which RVSM has been implemented	SARPs
ICAO Annex 6 (Part I and II)	Operation of Aircraft	SARPs
ICAO Annex 8	Airworthiness of Aircraft	SARPs
ICAO Doc 4444	PANS-ATM	Procedures (governed by ICAO Annexes)
ICAO Doc 7030	Regional Supplementary Procedures	Procedures (governed by ICAO Annexes)
ICAO Doc 9574	Implementation of a Reduced Vertical Separation Minimum	ICAO Guidance material
ICAO Doc 9937	Operating procedures for Regional Monitoring Agencies	ICAO Guidance material
Guidance Material for the Continued Safety Monitoring of the Asia-Pacific RVSM Airspace	Regional framework established by RASMAG to support the safe operation of RVSM and demonstrate compliance with regulatory requirements	ICAO APAC regional guidance document

Annex 6



State to confirm that the aeroplane satisfies minimum equipment and height keeping performance requirements



State must be satisfied that the operator has instituted appropriate continued airworthiness and flight crew procedures and practices



State is responsible for ensuring that the aircraft continues to meet height keeping performance requirements



State is responsible for ensuring that all operators participate in regional or global monitoring programmes and that only approved aircraft operate within the airspace

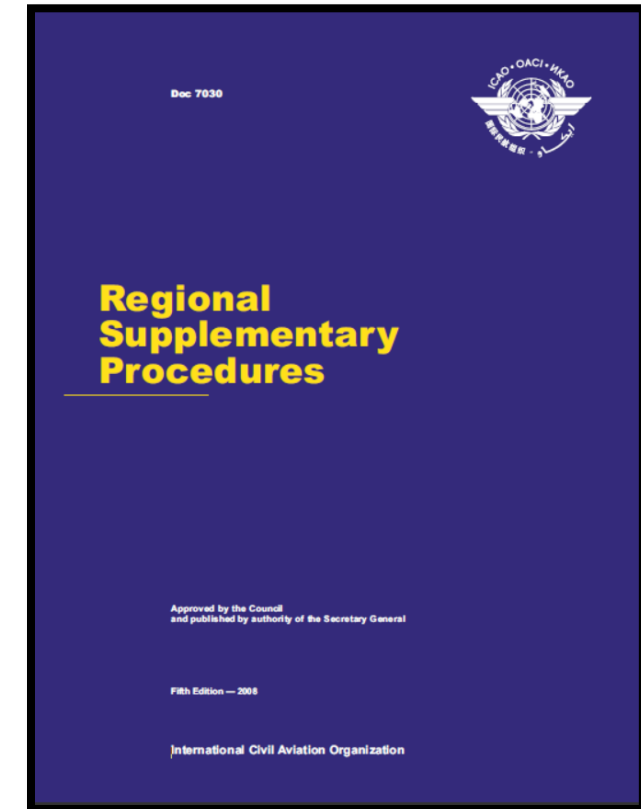


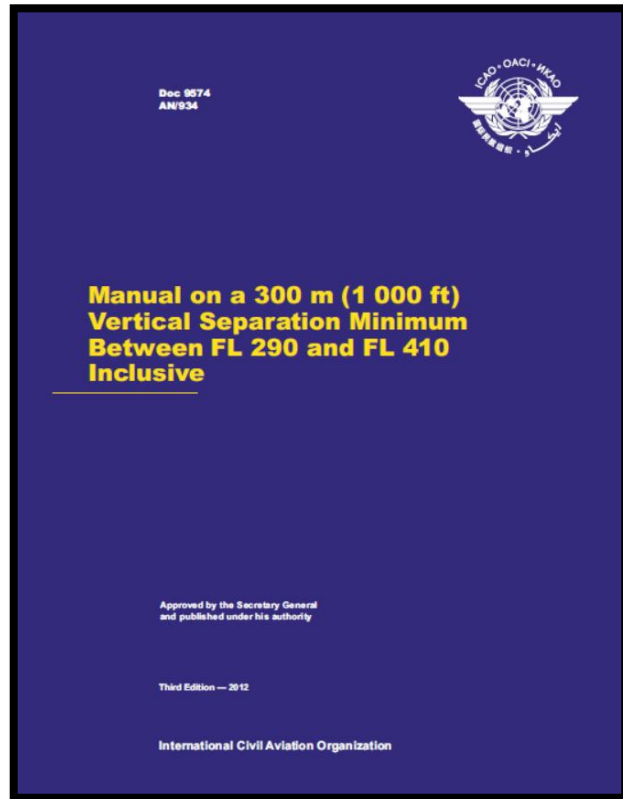
Annex 8

- State establishes that continuing aircraft airworthiness determined through the periodical inspection at appropriate time interval having regard to lapse of time and type of service or, alternatively, by means of a system of inspection that will produce at least an equivalent result.
- Any failure to maintain an aircraft in an airworthy condition as defined by the appropriate airworthiness requirements render the aircraft ineligible for operation.
- The State, where aircraft was registered, issues airworthiness certificate or updates one's certificate in accordance with requirements associated with a Certificate of Airworthiness.
- The State, where aircraft was registered, establishes requirements, that the aircraft is suitable for the flights operating, in compliance with the technical maintenance requirement in accordance with Annex 6.

Doc 7030

- Operators shall require RVSM approval either from the State of Registry or the State of Operator, to operate in RVSM airspace.
- State of Registry or the State of the Operator, as appropriate, should verify that the height-keeping performance capability of approved aircraft meets the requirements specified in Annex 6, Parts I and II.
- Aircraft that have not received RVSM State approval may be cleared to operate in accordance with policy and procedures established by the State provided that 600 m (2 000 ft) vertical separation is applied.
- ATC clearance into RVSM airspace shall not be issued to formation flights of civil aircraft.
- If the receiving unit has not received a flight plan, the sending unit shall verbally inform the receiving unit whether or not the aircraft is RVSM-approved.
- Monitoring of flight operations in the RVSM airspace shall be conducted to assess the continuing compliance of aircraft with the height-keeping performance requirements.
- In-flight contingencies (e.g. aircraft's equipment no longer meets the RVSM requirements, severe turbulence that may require suspension of RVSM).





Doc 9574

- Provide regional planning groups with a basis for the revision of documents, procedures and programmes to enable the maintenance of a 300 m (1 000 ft) vertical separation minimum between FL 290 and FL 410 inclusive.
- Guidance to State aviation authorities on those measures necessary to ensure that the criteria and requirements are met within their area of responsibility:
 - general RVSM requirements in terms of inter alia, safety, required aircraft height-keeping performance, and operating aspects.
 - specific aircraft RVSM requirements and approval aspects.
- Background information to assist in the development of operating manuals and procedures:
 - Flight crews
 - ATC

Thank You

