



ICAO BANGKOK

UNITING AVIATION

WP13 – Annex 11 and PANS-ATM Amendments

ATM/SG/8

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Amendment 52 to Annex 11

– Amendment concerning:

- conduct of safety risk assessments for activities potentially hazardous to civil aircraft
- read-back by drivers of operational vehicles

– Dates

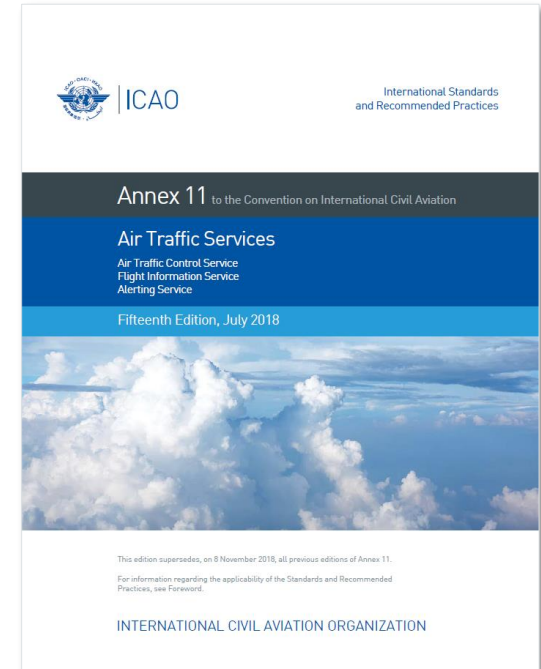
- Effective: **20 July 2020**
- Applicable: **05 November 2020**

– Impact assessment

- Expected implementation time: **0-1 year**
- Amendment can be implemented immediately

– Availability of amendment

- provided in **Attachment A**
- incorporated in the latest version of Annex 11 (ICAO Secure Portal)



<https://portal.icao.int/>



Amendment 9 to PANS ATM Doc 4444

– Amendment addresses:

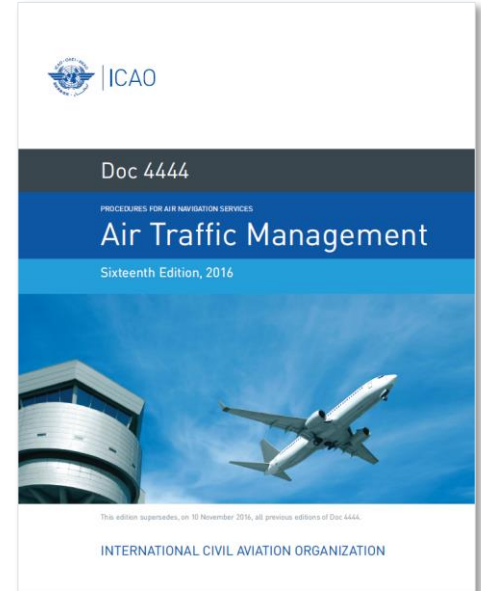
- requirements and procedures for separation methods and minima
- ATS surveillance services
- procedures related to in-flight contingencies in oceanic airspace
- wake turbulence categories
- special air-reports
- strategic lateral offset procedures (SLOP)

– Dates

- approved - **19 May 2020**, applicable - **05 November 2020**

– Expected implementation time

- **1-2 years:** reduced separation minima, procedures for in-flight contingencies in oceanic airspace and SLOP
- **1-2 years:** wake turbulence
- **1 year:** heavy dust and sand storms



Key changes

- Wake turbulence category and groups
 - New category - SUPER (J)
 - Introduction of seven wake turbulence groups
- Introduction of new lateral separation minima

Note: new text is not highlighted in the usual manner in Attachment B

- Separation minima using ATS surveillance systems (where VHF voice communication is not available)
- Phraseology changes (for wake turbulence category SUPER)
- Revisions
 - **Section 15.2** *Special Procedures for In-Flight Contingencies in Oceanic Airspace*
 - **Section 16.5** *Strategic Lateral Offset Procedures*

Wake Turbulence Category



Wake Turbulence Groups

Group	Mass	Wing Span
GROUP A	→ ≥ 136000kg	80m ≥ → > 74.68m
GROUP B	→ ≥ 136000kg	74.68m ≥ → > 53.34m
GROUP C	→ ≥ 136000kg	53.34m ≥ → > 38.1m
GROUP D	136000kg > → > 18600kg	→ > 32m
GROUP E	136000kg > → > 18600kg	32m ≥ → > 27.43m
GROUP F	136000kg > → > 18600kg	→ ≤ 27.43m
GROUP G	→ ≤ 18600kg	without wing span criterion



Amendment 10 to PANS ATM Doc 4444

– Amendment addresses:

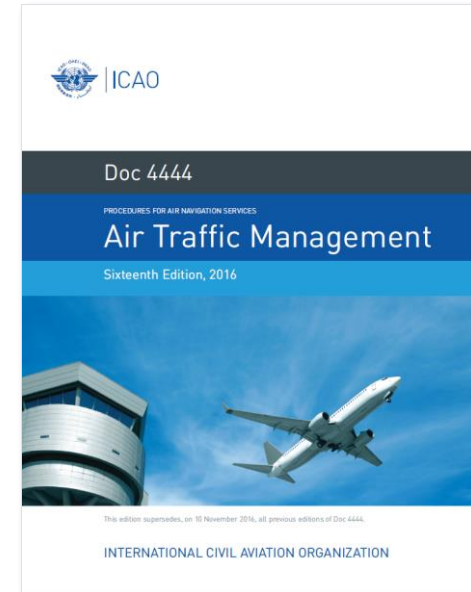
- Postponement of applicability dates (related to GRF due to COVID-19 pandemic)
 - ‘as of 4 November 2021’ replacing ‘as of 5 November 2020’
 - ‘until 3 November 2021’ replacing ‘until 4 November 2020’

– Dates

- approved - **19 June 2020**, applicable - **04 November 2021**

– Availability of Documents

- Amendment 10 provided in **Attachment C**
- Amendment 10 has not incorporated in the latest version of PANS ATM (ICAO Secure Portal)
- ICAO Circular 354 (replacing Circular 331 and referenced in Amendment 9) is yet to be finalized





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