

# Catalogue of ICAO Publications and Audio-visual Training Aids

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2006

INTERNATIONAL CIVIL AVIATION ORGANIZATION

# Catalogue of ICAO Publications and Audio-visual Training Aids

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2006 Edition



INTERNATIONAL CIVIL AVIATION ORGANIZATION

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## ABOUT ICAO

The International Civil Aviation Organization (ICAO) is a specialized agency of the United Nations and was created with the signing in Chicago, on 7 December 1944, of the *Convention on International Civil Aviation*. ICAO is the permanent body charged with the administration of the principles laid out in the Convention. It sets the standards for aviation safety, security, efficiency and regularity, as well as for aviation environmental protection.

ICAO's membership comprises 189 Contracting States. Its headquarters are in Montréal and it has regional offices in Bangkok, Cairo, Dakar, Lima, Mexico City, Nairobi and Paris.

The aims and objectives of ICAO, as contained in Article 44 of the Chicago Convention, are to develop the principles and techniques of international air navigation and to foster the planning and development of international air transport so as to:

- ensure the safe and orderly growth of international civil aviation throughout the world;
- encourage the arts of aircraft design and operation for peaceful purposes;
- encourage the development of airways, airports and air navigation facilities for international civil aviation;
- meet the needs of the peoples of the world for safe, regular, efficient and economical air transport;
- prevent economic waste caused by unreasonable competition;
- ensure that the rights of Contracting States are fully respected and that every Contracting State has a fair opportunity to operate international airlines;
- avoid discrimination between Contracting States;
- promote safety of flight in international air navigation; and
- promote generally the development of all aspects of international civil aeronautics.

The constitution of ICAO is the Convention on International Civil Aviation to which each ICAO Contracting State is a party. The Organization has a sovereign body, the Assembly, and a governing body, the Council. The chief officers are the President of the Council and the Secretary General.

The Assembly, composed of representatives from all Contracting States, meets every three years, reviewing in detail the complete work of the Organization and setting policy for the coming years. It also decides on a triennial budget.

The Council, composed of representatives from 36 States, is elected by the Assembly for a three-year term and provides continuing direction to the work of ICAO. One of the major duties of the Council is to adopt International Standards and Recommended Practices (SARPs) and to incorporate these into the Annexes to the *Convention on International Civil Aviation*. The Council is assisted by the Air Navigation Commission, the Air Transport Committee, the Committee on Joint Support of Air Navigation Services, the Finance Committee, the Committee on Unlawful Interference and the Technical Co-operation Committee.

The Secretariat, headed by the Secretary General, has five main divisions: the Air Navigation Bureau, the Air Transport Bureau, the Technical Co-operation Bureau, the Legal Bureau, and the Bureau of Administration and Services.

ICAO works in close collaboration with other specialized agencies of the United Nations such as the International Maritime Organization, the International Telecommunication Union, and the World Meteorological Organization. The International Air Transport Association, the Airports Council International, the International Federation of Air Line Pilots' Associations, and other international organizations participate in many ICAO meetings.

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## Information about the Catalogue

This Catalogue is published in separate English, French, Russian and Spanish editions by authority of the Secretary General of ICAO. It contains the titles and prices of all ICAO saleable publications and audio-visual training aids, available as of 1 January 2006. Most ICAO publications are issued in English, French, Russian and Spanish; Arabic and Chinese are being introduced on a gradual basis. The Catalogue indicates which language versions are available; these are abbreviated as follows:

E = English	A = Arabic	C = Chinese
F = French	R = Russian	S = Spanish

### SUPPLEMENTS

The Catalogue is kept up to date by supplements which list new publications and audio-visual training aids as they become available, as well as amendments, supplements, corrigenda, etc. Supplements to the Catalogue can be downloaded from our website at [www.icao.int](http://www.icao.int). When ordering amendments and supplements, please quote your customer number as indicated on previous invoices.

### AMENDMENT SERVICE

Certain ICAO publications are subject to amendment. These include Annexes to the Convention, Procedures for Air Navigation Services (PANS), Technical Manuals and the various parts of the *Training Manual*. Amendments to these publications are free on request and will be sent via regular mail. Holders of these publications should write to ICAO whenever they wish to receive amendments, supplements, or corrigenda; their publication is announced regularly in supplements to the *Catalogue of ICAO Publications and Audio-visual Training Aids* and in the *ICAO Journal*.

***All bulk purchasers of ICAO publications for distribution to their staff should obtain their supply of amendments also in bulk for distribution to holders of relevant publications, since ICAO cannot provide individual amendment service directly to all such holders of amendable publications.***

### ORDERING AUDIO-VISUAL TRAINING AIDS

Training aids in this Catalogue are for sale only. ICAO Headquarters in Montréal does not have loan, rental or preview services. Questions regarding the technical content of training aids in this Catalogue or requests for information on subjects not currently available should be addressed to the International Civil Aviation Organization, Chief, Flight Safety Section, 999 University Street, Montréal, Quebec, Canada H3C 5H7; E-mail: [fls@icao.int](mailto:fls@icao.int).

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## Conventions and Related Acts

*International conventions and acts of conferences relating to civil aviation.*

### Group 101 Convention on International Civil Aviation and Related Acts

*Note.— The publications in this section are also available online via the Web by subscription. See Electronic Publications section.*

#### **Convention on International Civil Aviation. (Doc 7300)**

Signed at Chicago on 7 December 1944 and amended by the ICAO Assembly.

8th edition, 2000. 111 pp.

Quadrilingual: E/F/S/R

**Order No. 7300**

**\$59.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

#### **International Air Services Transit Agreement. (Doc 7500)**

Signed at Chicago on 7 December 1944.

Reprinted January 1998. 42 pp.

Trilingual: E/F/S

**Order No. 7500**

**\$23.00**

#### **Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 50(a).) (Doc 8970)**

This Protocol provides for the increase of the ICAO Council to 30 members.

Signed at New York on 12 March 1971. 4 pp.

Trilingual: E/F/S

**Order No. 8970**

**\$10.00**

#### **Protocol Relating to an Amendment to Article 56 of the Convention on International Civil Aviation. (Article 56.) (Doc 8971)**

This Protocol provides for the increase of the Air Navigation Commission to 15 members.

Signed at Vienna on 7 July 1971.

Reprinted April 2000. 3 pp.

Trilingual: E/F/S

**Order No. 8971**

**\$10.00**

#### **Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 50(a).) (Doc 9123)**

This Protocol provides for the increase of the ICAO Council to 33 members.

Signed at Montreal on 16 October 1974. 4 pp.

Trilingual: E/F/S

**Order No. 9123**

**\$10.00**

#### **Protocol Relating to an Amendment to the Convention on International Civil Aviation [Final paragraph, Russian Text]. (Doc 9208)**

Signed at Montreal on 30 September 1977. 8 pp.

Quadrilingual: E/F/R/S

**Order No. 9208**

**\$10.00**



***Protocol on the Authentic Quadrilingual Text of the Convention on International Civil Aviation. (Doc 9217)***

Signed at Montreal on 30 September 1977.

Reprinted June 1998. 25 pp.

Quadrilingual: E/F/R/S

**Order No. 9217**

**\$20.00**

***Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 83 bis.) (Doc 9318)***

The subject of this Protocol is the transfer of certain safety-related functions and duties from the State of Registry to the State of the Operator in case of lease, charter or interchange of aircraft.

Signed at Montreal on 6 October 1980.

Reprinted January 1998. 8 pp.

Quadrilingual: E/F/R/S

**Order No. 9318**

**\$10.00**

***Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 3 bis.) (Doc 9436)***

The subject of this Protocol is the non-use of weapons against civil aircraft in flight.

Signed at Montreal on 10 May 1984.

Reprinted January 2000. 15 pp.

Quadrilingual: E/F/R/S

**Order No. 9436**

**\$10.00**

***Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 56.) (Doc 9544)***

This Protocol provides for the increase of the Air Navigation Commission to 19 members.

Signed at Montreal on 6 October 1989.

Reprinted January 1993. 8 pp.

Quadrilingual: E/F/R/S

**Order No. 9544**

**\$10.00**

***Protocol Relating to an Amendment to the Convention on International Civil Aviation. (Article 50(a).) (Doc 9561)***

This Protocol provides for the increase of the ICAO Council to 36 members.

Signed at Montreal on 26 October 1990.

Reprinted February 2002. 10 pp.

Quadrilingual: E/F/R/S

**Order No. 9561**

**\$10.00**

***Protocol on the Authentic Quinquelingual Text of the Convention on International Civil Aviation (Chicago, 1944). (Doc 9663)***

Signed at Montreal on 29 September 1995. 56 pp.

Multilingual: E/F/R/S/A

**Order No. 9663**

**\$30.00**

***Protocol Relating to an Amendment to the Convention on International Civil Aviation [Final paragraph, Arabic Text]. (Doc 9664)***

Signed at Montreal on 29 September 1995. 10 pp.

Multilingual: E/F/R/S/A

**Order No. 9664**

**\$10.00**

***Protocol on the Authentic Six-Language Text of the Convention on International Civil Aviation (Chicago, 1944). (Doc 9721)***

Signed at Montreal on 1 October 1998. 56 pp.

Multilingual: E/F/S/R/A/C

**Order No. 9721**

**\$30.00**

**Protocol Relating to an Amendment to the Convention on International Civil Aviation [Final paragraph, Chinese Text]. (Doc 9722)**

Signed at Montreal on 1 October 1998. 12 pp.

Multilingual: E/F/S/R/A/C

Order No. 9722

\$10.00

**Group 102 International Conventions and Protocols****Conventions****Convention on the International Recognition of Rights in Aircraft. (Doc 7620)**

Signed at Geneva on 19 June 1948.

Reprinted December 1999. 11 pp.

Trilingual: E/F/S

Order No. 7620

\$10.00

**Convention on Damage Caused by Foreign Aircraft to Third Parties on the Surface. (Doc 7364)**

Signed at Rome on 7 October 1952.

Reprinted March 2004. 20 pp.

Trilingual: E/F/S

ISBN 92-9194-261-8

Order No. 7364

\$12.00

**Convention, Supplementary to the Warsaw Convention, for the Unification of Certain Rules Relating to International Carriage by Air Performed by a Person Other than the Contracting Carrier. (Doc 8181)**

Signed at Guadalajara on 18 September 1961.

Reprinted May 1998. 6 pp.

Trilingual: F/E/S

Order No. 8181

\$10.00

*Note.— Also available on CD-ROM. See Electronic Publications section.***Convention on Offences and Certain Other Acts Committed on Board Aircraft. (Doc 8364)**

Signed at Tokyo on 14 September 1963.

Reprinted September 2003. 20 pp.

Trilingual: E/F/S

ISBN 92-9194-163-8

Order No. 8364

\$10.00

**Convention for the Suppression of Unlawful Seizure of Aircraft. (Doc 8920)**

Signed at The Hague on 16 December 1970.

Reprinted November 1998. 19 pp.

Quadrilingual: E/F/R/S

Order No. 8920

\$12.00

**Convention for the Suppression of Unlawful Acts against the Safety of Civil Aviation. (Doc 8966)**

Signed at Montreal on 23 September 1971.

Reprinted May 1999. 28 pp.

Quadrilingual: E/F/R/S

Order No. 8966

\$16.00

**Convention on the Marking of Plastic Explosives for the Purpose of Detection. (Doc 9571)**

Done at Montreal on 1 March 1991.

Reprinted September 2002. 44 pp.

Multilingual: E/F/R/S/A

Order No. 9571

\$24.00

## Conventions and Related Acts

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### **Convention for the Unification of Certain Rules for International Carriage by Air. (Doc 9740)**

Done at Montreal on 28 May 1999. 114 pp.

Multilingual: E/F/S/R/C/A

Order No. 9740

\$60.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

### **Convention on International Interests in Mobile Equipment. (Doc 9793)**

Signed at Cape Town on 16 November 2001. 188 pp.

Multilingual: E/F/S/R/C/A

Order No. 9793

\$96.00

## Protocols

### **Protocol to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed at Warsaw on 12 October 1929. (Doc 7632)**

Signed at The Hague on 28 September 1955.

Reprinted June 1998. 15 pp.

Trilingual: F/E/S

Order No. 7632

\$10.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

### **Protocol to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed at Warsaw on 12 October 1929 as Amended by the Protocol Done at The Hague on 28 September 1955. (Doc 8932)**

Signed at Guatemala City on 8 March 1971.

2nd edition, incorporating the authentic text of the Protocol in the Russian language as approved by the Council of ICAO on 9 October 1975.

Reprinted January 1999. 27 pp.

Quadrilingual: F/E/S/R

Order No. 8932

\$16.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

### **Additional Protocol No. 1 to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed At Warsaw on 12 October 1929. (Doc 9145)**

Signed at Montreal on 25 September 1975.

Reprinted June 2000. 15 pp.

Quadrilingual: F/E/R/S

Order No. 9145

\$10.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

### **Additional Protocol No. 2 to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed at Warsaw on 12 October 1929 as Amended by the Protocol Done at The Hague on 28 September 1955. (Doc 9146)**

Signed at Montreal on 25 September 1975.

Reprinted June 1998. 15 pp.

Quadrilingual: F/E/R/S

Order No. 9146

\$13.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

***Additional Protocol No. 3 to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed at Warsaw on 12 October 1929 as Amended by the Protocols Done at The Hague on 28 September 1955 and at Guatemala City on 8 March 1971. (Doc 9147)***

Signed at Montreal on 25 September 1975.

Reprinted February 1998. 15 pp.

Quadrilingual: F/E/R/S

Order No. 9147

\$10.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

***Montreal Protocol No. 4 to Amend the Convention for the Unification of Certain Rules Relating to International Carriage by Air Signed at Warsaw on 12 October 1929 as Amended by the Protocol Done at The Hague on 28 September 1955. (Doc 9148)***

Signed at Montreal on 25 September 1975.

Reprinted October 1994. 28 pp.

Quadrilingual: F/E/R/S

Order No. 9148

\$16.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

***Protocol to Amend the Convention on Damage Caused by Foreign Aircraft to Third Parties on the Surface Signed at Rome on 7 October 1952. (Doc 9257)***

Signed at Montreal on 23 September 1978.

Reprinted March 2004. 32 pp.

Quadrilingual: E/F/R/S

ISBN 92-9194-260-X

Order No. 9257

\$18.00

***Protocol for the Suppression of Unlawful Acts of Violence at Airports Serving International Civil Aviation, Supplementary to the Convention for the Suppression of Unlawful Acts against the Safety of Civil Aviation, Done at Montreal on 23 September 1971. (Doc 9518)***

Signed at Montreal on 24 February 1988.

Reprinted November 2003. 15 pp.

Quadrilingual: E/F/R/S

ISBN 92-9194-203-0

Order No. 9518

\$10.00

***Protocol to the Convention on International Interests in Mobile Equipment on Matters specific to Aircraft Equipment. (Doc 9794)***

Signed at Cape Town on 16 November 2001. 130 pp.

Multilingual: E/F/S/R/C/A

Order No. 9794

\$66.00

***Consolidated Text of the Convention on International Interests in Mobile Equipment and the Protocol to the Convention on International Interests in Mobile Equipment on Matters Specific to Aircraft Equipment, Signed at Cape Town on 16 November 2001. Attachment to Resolution No. 1 of the Final Act of the Cape Town Diplomatic Conference. (Doc 9795)***

2002. 250 pp.

Multilingual: E/F/S/R/C/A

Order No. 9795

\$128.00

## Agreements and Arrangements

*International and multilateral agreements and arrangements which have a direct bearing on the work of the Organization, including agreements between ICAO and other international organizations.*

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### Group 105 International and Multilateral Agreements

***Multilateral Agreement on Commercial Rights of Non-Scheduled Air Services in Europe. (Doc 7695)***

Signed at Paris on 30 April 1956.

Reprinted April 2000. 8 pp.

Trilingual: E/F/S

**Order No. 7695**

**\$10.00**

***Multilateral Agreement relating to Certificates of Airworthiness for Imported Aircraft. (Doc 8056)***

Signed at Paris on 22 April 1960.

Reprinted May 2000. 12 pp.

Trilingual: E/F/S

**Order No. 8056**

**\$10.00**

### Group 107 Joint Financing Agreements

***Agreement on the Joint Financing of Certain Air Navigation Services in Greenland (1956) as amended by the Montreal Protocol of 1982. (Doc 9585)***

June 1992.

Reprinted September 2005. 38 pp.

E, F, S

ISBN 92-9194-593-5

**Order No. 9585**

**\$18.00**

***Agreement on the Joint Financing of Certain Air Navigation Services in Iceland (1956) as amended by the Montreal Protocol of 1982. (Doc 9586)***

June 1992.

Reprinted December 1998. 34 pp.

E, F, S

**Order No. 9586**

**\$19.00**

### Group 109 Agreements between ICAO and other Organizations

***Agreement between the United Nations and the International Civil Aviation Organization. (Doc 7970)***

Reproduced from the United Nations publication entitled "Agreements between the United Nations and the Specialized Agencies".

Reprinted August 2002. 36 pp.

Bilingual: E/F

**Order No. 7970**

**\$20.00**

***Working Arrangements between the International Civil Aviation Organization and the World Meteorological Organization. (Doc 7475)***

Approved by the Council of ICAO and the Executive Committee of WMO on 21 May 1953 and 23 October 1953 respectively, for implementation on 1 January 1954.

2nd edition, 1963.

Reprinted May 1997. 11 pp.

E, F, S

**Order No. 7475**

**\$10.00**

*Publications containing the rules of procedure approved for the use of the various recognized deliberative bodies of ICAO, directives to ICAO meetings and ICAO administrative regulations.*

**Standing Rules of Procedure of the Assembly of the International Civil Aviation Organization. (Doc 7600)**

Adopted by the Assembly in 1952 and amended by the Assembly in 1953, 1959, 1962, 1971, 1974, 1977, 1980 and 1989.

5th edition, 1990.

Reprinted September 2004. 24 pp.

E, A, C, F, R, S

ISBN 92-9194-428-9

Order No. 7600

\$14.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**Rules of Procedure for the Council. (Doc 7559)**

6th edition, incorporating all amendments approved by the Council prior to 10 June 1999. 1999. 26 pp.

E, A, C, F, R, S

Order No. 7559

\$16.00

**Rules of Procedure for Standing Committees of the Council. (Doc 8146)**

4th edition, 1999. 22 pp.

E, A, F, R, S

Order No. 8146

\$13.00

**Legal Committee. (Doc 7669)**

Constitution — Procedure for Approval of Draft Conventions — Rules of Procedure.

5th edition, 1998. 30 pp.

E, A, F, R, S

Order No. 7669

\$18.00

**Rules of Procedure for the Air Navigation Commission. (Doc 8229)**

2nd edition, 1975. 10 pp.

E, F, R, S

Order No. 8229

\$10.00

**Standing Rules of Procedure for Meetings in the Air Transport Field. (Doc 8683)**

(World-wide Conferences and Division Sessions.)

1967.

Reprinted March 1995. 15 pp.

E, A, F, R, S

Order No. 8683

\$10.00

**Directives to Divisional-type Air Navigation Meetings and Rules of Procedure for their Conduct. (Doc 8143)**

3rd edition, 1983.

Reprinted August 2002. 28 pp.

E, F, R, S

Order No. 8143

\$16.00

***Directives to Regional Air Navigation Meetings and Rules of Procedure for their Conduct. (Doc 8144)***

6th edition, 1991.

Reprinted August 1994. 32 pp.

E, A, F, R, S

**Order No. 8144**

**\$18.00**

***Directives of the Council concerning the Conduct of ICAO Meetings. (Doc 7986)***

15 May 1959.

Reprinted March 1995. 7 pp.

E, F, R, S

**Order No. 7986**

**\$10.00**

***Directives for Panels of the Air Navigation Commission. (Doc 7984)***

4th edition, December 1980.

Reprinted June 2001, incorporating Amendment 1. 14 pp.

E, F, R, S

**Order No. 7984**

**\$10.00**

***Directives for Panels of the Air Transport Committee. (Doc 9482)***

1st edition, February 1987. 12 pp.

E, F, R, S

**Order No. 9482**

**\$10.00**

***The ICAO Financial Regulations. (Doc 7515)***

12th edition, 2005. 24 pp.

E, A, C, F, R, S

ISBN 92-9194-450-5

**Order No. 7515**

**\$14.00**

***ICAO Publications Regulations. (Doc 7231)***

This booklet explains the various kinds of publications and the authority under which each is issued. The format and the languages in which publications are issued, pricing and distribution policy, and copyright issues are also explained.

9th edition, 2004. 20 pp.

E, A, C, F, R, S

ISBN 92-9194-397-5

**Order No. 7231**

**\$12.00**

***Rules for the Settlement of Differences. (Doc 7782)***

This document contains the rules governing the settlement of disagreements between ICAO Contracting States which may be referred to the ICAO Council in relation to the interpretation or application of the Chicago Convention and its Annexes, the International Air Services Transit Agreement and the International Air Transport Agreement.

2nd edition, 1975.

Reprinted May 2000. 12 pp.

E, A, C, F, R, S

**Order No. 7782**

**\$10.00**



## Annexes to the Convention on International Civil Aviation

*International Standards and Recommended Practices adopted by the Council in accordance with Articles 54, 37 and 90 of the Convention on International Civil Aviation. Associated with the Standards and Recommended Practices, which for convenience are designated as Annexes to the Convention, are explanatory forewords, notes and, in some cases, additional guidance material, approved by the Council for inclusion within the covers of the individual Annexes and intended to assist in the implementation of the Standards and Recommended Practices. The Annexes carry Supplements listing the differences which Contracting States have informed ICAO exist between their regulations and practices and the corresponding international Standards and Recommended Practices.*

### NEW EDITIONS OF ANNEXES TO THE CONVENTION ON INTERNATIONAL CIVIL AVIATION

It has come to our attention that when a new edition of an Annex is published, users have been discarding, along with the previous edition of the Annex, the **Supplement** to the previous edition. Please note that the Supplement to the previous edition should be retained until a new Supplement is issued.

*Note.— Annexes are also available on CD-ROM and online via the Web by subscription. See Electronic Publications section.*

#### Group 121

##### **Annex 1 — Personnel Licensing.**

9th edition, incorporating Amendments 1–163.

July 2001. 65 pp.

E, A, C, F, R, S

**Order No. AN 1**

**\$35.00**

Amendment 164 (applicable 27/11/03)..... **Order No. AN 1/E/02** free on request

Amendment 165 (applicable 25/11/04)..... **Order No. AN 1/E/03** free on request

Amendment 166 (applicable 24/11/05)..... **Order No. AN 1/E/04** free on request

#### Group 122

##### **Annex 2 — Rules of the Air.**

The rules in Annex 2 consist of general rules, visual flight rules and instrument flight rules and apply without exception over the high seas and over national territories to the extent that they do not conflict with the rules of the State being overflown.

10th edition, incorporating Amendments 1–38.

July 2005. 70 pp.

E, A, C, F, R, S

ISBN 92-9194-561-7

**Order No. AN 2**

**\$36.00**

*Note.— Also available on the CD-ROM “Air Traffic Management”. See Electronic Publications section.*

**Group 123****Annex 3 — Meteorological Service for International Air Navigation.**Part I — *Core SARPs.*Part II — *Appendices and Attachments.*

This Annex comprises the Standards, Recommended Practices and certain guidance material governing the provision of meteorological services to international air navigation.

15th edition, incorporating Amendments 1–73.

July 2004. 168 pp.

E, A, F, R, S

ISBN 92-9194-332-0

**Order No. AN 3**

**\$88.00**

**Group 124****Annex 4 — Aeronautical Charts.**

The Standards and Recommended Practices applicable to Aeronautical Charts.

10th edition, incorporating Amendments 1–52.

July 2001. 104 pp.

E, A, C, F, R, S

**Order No. AN 4**

**\$55.00**

Amendment 53 (applicable 25/11/04)..... **Order No. AN 4/E/05** free on request

**Group 125****Annex 5 — Units of Measurement to be Used in Air and Ground Operations.**

This Annex comprises the Standards and Recommended Practices for dimensional units to be used in air and ground operations. The Annex deals with the standard application of units of measurement and termination of the use of non-SI units. Attachments to the Annex contain material describing the development of the International System of Units (SI) and guidance on the application of the SI, conversion factors, Coordinated Universal Time (UTC), and presentation of date and time in all-numeric form.

4th edition, July 1979.

Reprinted July 2005, incorporating Amendments 1–16. 38 pp.

E, A, C, F, R, S

ISBN 92-9194-018-6

**Order No. AN 5**

**\$19.00**

**Group 126****Annex 6 — Operation of Aircraft.**

Part I — *International Commercial Air Transport — Aeroplanes.*

This document specifies international Standards and Recommended Practices for aeroplanes used in international commercial air transport operation carrying passengers or freight. The Annex addresses flight operations; performance operating limitations; aeroplane instruments, equipment and flight documents; aeroplane communication and navigation equipment; aeroplane maintenance; flight crew; flight operations officers/flight dispatchers;

manuals, logs and records; cabin crew; security; lights to be displayed in the air and on the ground during operations; contents of an operations manual; and flight time and flight duty period limitations.

8th edition, incorporating Amendments 1–26.

July 2001. 117 pp.

E, A, C, F, R, S

**Order No. AN 6-1**

**\$62.00**

Amendment 27 (applicable 28/11/02)..... **Order No. AN 6-1/E/01** free on request

Amendment 28 (applicable 27/11/03)..... **Order No. AN 6-1/E/03** free on request

Amendment 29 (applicable 24/11/05)..... **Order No. AN 6-1/E/04** free on request

### Part II — *International General Aviation — Aeroplanes.*

This document specifies international Standards and Recommended Practices for aeroplanes used in international general aviation operations. The Annex addresses flight preparation and in-flight procedures; performance operating limitations; aeroplane instruments and equipment; aeroplane communication and navigation equipment; aeroplane maintenance; flight crew; lights to be displayed in the air and on the ground during operations; flight recorders; and carriage and use of oxygen.

6th edition, July 1998.

Reprinted July 2005, incorporating Amendments 1–23. 56 pp.

E, A, C, F, R, S

ISBN 92-9194-249-9

**Order No. AN 6-2**

**\$29.00**

Amendment 24 (applicable 24/11/05)..... **Order No. AN 6-2/E/10** free on request

### Part III — *International Operations — Helicopters.*

This document is divided into three sections. The first section deals with definitions and applicability, the second section with international Standards and Recommended Practices governing international commercial air transport operations, and the third section with international Standards and Recommended Practices governing international general aviation operations.

5th edition, incorporating Amendments 1–8.

July 2001. 125 pp.

E, A, C, F, R, S

**Order No. AN 6-3**

**\$66.00**

Amendment 9 (applicable 27/11/03)..... **Order No. AN 6-3/E/09** free on request

Amendment 10 (applicable 24/11/05)..... **Order No. AN 6-3/E/10** free on request

## Group 127

### **Annex 7 — Aircraft Nationality and Registration Marks.**

This Annex contains standards adopted by ICAO as the minimum standards for the display of marks to indicate appropriate nationality and registration marks which have been determined to comply with Article 20 of the Convention. The provisions in the Annex provide definitions, location and measurement of nationality and registration marks as well as the standard form for the certificate of registration.

5th edition, incorporating Amendments 1–5.

July 2003. 10 pp.

E, A, C, F, R, S

ISBN 92-9194-074-7

**Order No. AN 7**

**\$10.00**

**Group 128****Important Note regarding Annex 8**

The Ninth Edition of Annex 8 contains international Standards and Recommended Practices that will be applicable on 20 May 2006. The Tenth Edition of Annex 8 contains international Standards and Recommended Practices applicable only on 13 December 2007. **Users should therefore retain both the Ninth and Tenth Editions of Annex 8.**

**Annex 8 — Airworthiness of Aircraft.**

This Annex contains the Standards and Recommended Practices for the airworthiness of aircraft. Part I of the Annex provides definitions. Part II contains general airworthiness procedures applicable to all aircraft together with the standard format for the certificate of airworthiness. Part IIIA contains the minimum airworthiness characteristics of aeroplanes over 5 700 kg for which application for certification was submitted on or after 13 June 1960. Part IIIB contains the minimum airworthiness characteristics of aeroplanes over 5 700 kg for which application for certification will be submitted on or after 2 March 2004. Part IV contains the minimum airworthiness characteristics of helicopters.

9th edition, incorporating Amendments 1–98.

July 2001. 94 pp.

E, A, C, F, R, S

**Order No. AN 8**

**\$50.00**

Amendment 99 (applicable 20/5/06)..... **Order No. AN 8/E/06** free on request

**Annex 8 — Airworthiness of Aircraft.**

10th edition, incorporating Amendments 1–100.

April 2005. 164 pp.

E, A, C, F, R, S

ISBN 92-9194-516-1

**Order No. AN 8/10**

**\$84.00**

**Group 129****Annex 9 — Facilitation.**

Annex 9 contains Standards and Recommended Practices, and related definitions and appendices concerning the facilitation of international air transport. They are the outcome of Article 37 of the Convention on International Civil Aviation which requires ICAO to adopt international Standards and Recommended Practices dealing with, inter alia, customs and immigration procedures and such other matters concerned with the safety, regularity and efficiency of air navigation.

12th edition, incorporating Amendments 1–19.

July 2005. 74 pp.

E, A, C, F, R, S

ISBN 92-9194-571-4

**Order No. AN 9**

**\$37.00**

**Group 130****Annex 10 — Aeronautical Telecommunications.**

The five volumes of this document contain Standards and Recommended Practices (SARPs), Procedures for Air Navigation Services (PANS) and guidance material on aeronautical communication, navigation and surveillance systems.

*Note.— Amendment 72 applies to Volumes II, III and V only. Amendment 73 applies to Volumes I, II, III and IV only. Amendment 74 applies to all five volumes. Amendment 75 applies to Volumes III and V only. Amendment 76 applies to*

*all five volumes. Amendment 77 applies to Volumes I, III, IV and V only. Amendment 78 applies to Volumes II and III only. Amendment 79 applies to Volumes I and III only. Amendment 80 applies to Volumes I, II and III.*

### Volume I (*Radio Navigation Aids*).

Volume I of Annex 10 contains Standards and Recommended Practices and guidance material for the global navigation satellite system (GNSS), navigation aids such as instrument landing system (ILS), microwave landing system (MLS), VHF omnidirectional radio range (VOR), non-directional radio beacon (NDB) and distance measuring equipment (DME).

5th edition, incorporating Amendments 1–71.

July 1996. 264 pp.

E, F, R, S

**Order No. AN10-1**

**\$225.00**

Amendment 73 (applicable 5/11/98). (superseded by subsequent amendments)

Amendment 74 (applicable 4/11/99)..... **Order No. AN10-1/E/04** free on request

Amendment 76 (applicable 1/11/01)..... **Order No. AN10-1/E/05** free on request

Amendment 77 (applicable 28/11/02)..... **Order No. AN10-1/E/07** free on request

Amendment 79 (applicable 25/11/04)..... **Order No. AN10-1/E/08** free on request

Amendment 80 (applicable 24/11/05)..... **Order No. AN10-1/E/11** free on request

### Volume II — *Communication Procedures including those with PANS status*.

Volume II of Annex 10 contains general, administrative and operational procedures pertaining to aeronautical fixed and mobile communications.

6th edition, incorporating Amendments 44–76.

July 2001. 91 pp.

E, F, R, S

**Order No. AN10-2**

**\$49.00**

Amendment 78 (applicable 27/11/03)..... **Order No. AN10-2/E/07** free on request

Amendment 79 (applicable 25/11/04)..... **Order No. AN10-2/E/10** free on request

Amendment 80 (applicable 24/11/05)..... **Order No. AN10-2/E/13** free on request

### Volume III (Part I — *Digital Data Communication Systems*; Part II — *Voice Communication Systems*).

Volume III of Annex 10 contains Standards and Recommended Practices and guidance material for various air-ground and ground-ground voice and data communication systems, including aeronautical telecommunication network (ATN), aeronautical mobile-satellite service (AMSS), secondary surveillance radar (SSR) Mode S air-ground data link, very high frequency (VHF) air-ground digital link (VDL), aeronautical fixed telecommunication network (AFTN), aircraft addressing system, high frequency data link (HFDL), aeronautical mobile service, selective calling system (SELCAL), aeronautical speech circuits and emergency locator transmitter (ELT).

1st edition, July 1995.

Reprinted February 2004, incorporating Amendments 71–78. 566 pp.

E, F, R, S

ISBN 92-9194-245-6

**Order No. AN10-3**

**\$291.00**

Amendment 79 (applicable 25/11/04)..... **Order No. AN10-3/E/15** free on request

Amendment 80 (applicable 24/11/05)..... **Order No. AN10-3/E/18** free on request

Volume IV — *Surveillance Radar and Collision Avoidance Systems.*

Volume IV of Annex 10 contains Standards and Recommended Practices and guidance material for secondary surveillance radar (SSR) and airborne collision avoidance systems (ACAS), including SARPs for SSR Mode A, Mode C and Mode S; and the technical characteristics of ACAS.

3rd edition, incorporating Amendments 70–77.

July 2002. 204 pp.

E, F, R, S

**Order No. AN10-4**

**\$113.00**

Amendment 79 (applicable 25/11/04)..... **Order No. AN10-4/E/08** free on request

Amendment 80 (applicable 24/11/05)..... **Order No. AN10-4/E/11** free on request

Volume V — *Aeronautical Radio Frequency Spectrum Utilization.*

Volume V of Annex 10 contains Standards and Recommended Practices and guidance material on the utilization of aeronautical frequencies.

2nd edition, incorporating Amendments 71–76.

July 2001. 47 pp.

E, F, R, S

**Order No. AN10-5**

**\$27.00**

Amendment 77 (applicable 28/11/02)..... **Order No. AN10-5/E/03** free on request

Amendment 79 (applicable 25/11/04)..... **Order No. AN10-5/E/08** free on request

Amendment 80 (applicable 24/11/05)..... **Order No. AN10-5/E/10** free on request

**Group 131**

**Annex 11 — Air Traffic Services.**

Annex 11 defines air traffic services and specifies the worldwide Standards and Recommended Practices applicable in the provision of these services.

13th edition, incorporating Amendments 1–40.

July 2001. 79 pp.

E, A, C, F, R, S

**Order No. AN 11**

**\$41.00**

Amendment 41 (applicable 28/11/02)..... **Order No. AN 11/E/01** free on request

Amendment 42 (applicable 27/11/03)..... **Order No. AN 11/E/03** free on request

Amendment 43 (applicable 24/11/05)..... **Order No. AN 11/E/07** free on request

*Note.— Also available on the CD-ROM “Air Traffic Management”. See Electronic Publications section.*

**Group 132**

**Annex 12 — Search and Rescue.**

This Annex sets forth the provisions applicable to the establishment, maintenance and operation of search and rescue services by Contracting States in their territories and over the high seas. Annex 12 is complemented by the

## Annexes to the Convention on International Civil Aviation

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three-volume *International Aeronautical and Maritime Search and Rescue Manual* (Doc 9731) which provides guidelines for a common aviation and maritime approach to organization and provision of search and rescue services. 8th edition, incorporating Amendments 1–17.

July 2004. 26 pp.

E, A, C, F, R, S

ISBN 92-9194-312-6

Order No. AN 12

\$15.00

*Note.— Also available on the CD-ROM “Air Traffic Management. See Electronic Publications section.*

### Group 133

#### **Annex 13 — Aircraft Accident and Incident Investigation.**

Annex 13 contains the international Standards and Recommended Practices for aircraft accident and incident investigation.

9th edition, incorporating Amendments 1–10.

July 2001. 42 pp.

E, A, C, F, R, S

Order No. AN 13

\$23.00

### Group 134

#### **Annex 14 — Aerodromes.**

Volume I — *Aerodrome Design and Operations.*

Annex 14, Volume I, contains Standards and Recommended Practices that prescribe the physical characteristics, obstacle limitation surfaces and visual aids to be provided at aerodromes, as well as certain facilities and technical services normally provided at an aerodrome.

4th edition, incorporating Amendments 1–6.

July 2004. 244 pp.

E, A, F, R, S

ISBN 92-9194-376-2

Order No. AN14-1

\$126.00

Amendment 7 (applicable 24/11/05)..... Order No. AN14-1/E/11    free on request

Volume II — *Heliports.*

Annex 14, Volume II, contains Standards and Recommended Practices covering aspects of heliport planning, design and operations.

2nd edition, July 1995.

Reprinted July 2004, incorporating Amendments 1 and 2. 64 pp.

E, A, F, R, S

ISBN 92-9194-211-1

Order No. AN14-2

\$35.00

Amendment 3 (applicable 25/11/04)..... Order No. AN14-2/E/05    free on request

### Group 135

#### **Annex 15 — Aeronautical Information Services.**

The Standards and Recommended Practices applicable to Aeronautical Information Services.

12th edition, incorporating Amendments 1–33.

July 2004. 97 pp.

E, A, C, F, R, S

ISBN 92-9194-400-9

Order No. AN 15

\$52.00

**Group 136****Annex 16 — Environmental Protection.**Volume I — *Aircraft Noise*.

This volume contains the Standards and Recommended Practices for aircraft noise certification, and international specifications relating to noise evaluation methods. It also covers noise measurement for monitoring purposes, the assessment of airport noise and criteria for the application of noise abatement operating procedures.

4th edition, incorporating Amendments 1–8.

July 2005. 174 pp.

E, F, R, S

ISBN 92-9194-564-1

**Order No. AN16-1**

**\$89.00**

Volume II — *Aircraft Engine Emissions*.

This volume contains Standards and Recommended Practices relating to aircraft engine emissions certification and certification related to intentional fuel venting.

2nd edition, July 1993.

Reprinted November 2002, incorporating Amendments 1–4. 63 pp.

E, F, R, S

**Order No. AN16-2**

**\$35.00**

Amendment 5 (applicable 24/11/05)..... **Order No. AN16-2/E/06** free on request

**Group 137****Annex 17 — Security.**

This is a comprehensive document for implementation of security measures. An Attachment thereto reproduces extracts from other Annexes, Technical Instructions for the Safe Transport of Dangerous Goods by Air, and Procedures for Air Navigation Services, bearing on the subject of action to be taken by States to prevent unlawful interference with civil aviation, or when such interference has been committed.

7th edition, incorporating Amendments 1–10.

April 2002. 30 pp.

E, A, C, F, R, S

**Order No. AN 17**

**\$21.00**

**Group 138****Annex 18 — The Safe Transport of Dangerous Goods by Air.**

This Annex contains the broad principles governing the international transport of dangerous goods by air. To assist in achieving compatibility with other modes of transport, the provisions of this Annex are based on material developed by the United Nations and the International Atomic Energy Agency.

3rd edition, incorporating Amendments 1–6.

July 2001. 31 pp.

E, A, C, F, R, S

**Order No. AN 18**

**\$18.00**

Amendment 7 (applicable 27/11/03)..... **Order No. AN 18/E/02** free on request

Amendment 8 (applicable 24/11/05)..... **Order No. AN 18/E/03** free on request



## Procedures for Air Navigation Services

*Procedures developed mostly through the ICAO divisional-type meetings and approved by the Council for worldwide application. They comprise, for the most part, operating procedures regarded as not yet having obtained a sufficient degree of maturity for adoption as international Standards and Recommended Practices, or material of a more permanent character which is inappropriate or too detailed for incorporation in an Annex.*

### Group 152

#### **ABC — ICAO Abbreviations and Codes. (Doc 8400)**

Abbreviations and Codes approved by the Council of ICAO for worldwide use in the international aeronautical telecommunication service and in aeronautical information documents, as appropriate, and uniform abbreviated phraseology for use in pre-flight information bulletins.

6th edition, 2004.

Reprinted November 2005, incorporating Amendments 1–27. 74 pp.

E, F, R, S

ISBN 92-9194-435-1

**Order No. 8400**

**\$40.00**

### Group 153

#### **OPS — Aircraft Operations. (Doc 8168)**

##### *Volume I — Flight Procedures.*

This volume describes operational procedures recommended for the guidance of flight operations personnel. It also outlines the various parameters on which the criteria in Volume II are based so as to illustrate the need for operational personnel including flight crew to adhere strictly to the published procedures in order to achieve and maintain an acceptable level of safety in operations.

4th edition, 1993.

Reprinted January 2005, incorporating Amendments 1–12. 172 pp.

E, F, R, S

ISBN 92-9194-429-7

**Order No. 8168-1**

**\$93.00**

Amendment 13 (applicable 25/11/04). ..... **Order No. 8168-1/E/09** free on request

##### *Volume II — Construction of Visual and Instrument Flight Procedures.*

This volume is intended for the guidance of procedures specialists and describes the essential areas and obstacle clearance requirements for the achievement of safe, regular instrument flight operations. It provides the basic guidelines to States, and those operators and organizations producing instrument flight charts that will result in uniform practices at all aerodromes where instrument flight procedures are carried out.

4th edition, 1993.

Reprinted January 2005, incorporating Amendments 1–11. 629 pp.

E, F, R, S

ISBN 92-9194-340-1

**Order No. 8168-2**

**\$336.00**

Amendment 12 (applicable 25/11/04). ..... **Order No. 8168-2/E/14** free on request

*Note.— PANS-OPS software is available on CD-ROM. See Electronics Publications section.*

**Group 154****ATM — Air Traffic Management. (Doc 4444)**

These procedures are complementary to the Standards and Recommended Practices contained in Annex 2 and Annex 11 and specify, in greater detail than in the Standards and Recommended Practices, the actual procedures to be applied by air traffic services units in providing the various air traffic services to air traffic.

14th edition, 2001. 324 pp.

E, A, C, F, R, S

**Order No. 4444**

**\$165.00**

Amendment 1 (applicable 28/11/02).....	<b>Order No. 4444/E/05</b>	free on request
Amendment 2 (applicable 27/11/03).....	<b>Order No. 4444/E/08</b>	free on request
Amendment 3 (applicable 25/11/04).....	<b>Order No. 4444/E/09</b>	free on request
Amendment 4 (applicable 24/11/05).....	<b>Order No. 4444/E/11</b>	free on request

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

**Group 155****Regional Supplementary Procedures. (Doc 7030)**

Operating procedures supplementary to the Annexes and PANS developed for the greater part through the ICAO regional air navigation meetings to meet the needs of a specific ICAO Region. They deal with matters affecting the safety and regularity of international air navigation. They are published in a single document covering all Regions.

The ICAO Regional Supplementary Procedures form part of the Air Navigation Plan developed by Regional Air Navigation Meetings to meet those needs of specific areas which are not covered in the worldwide provisions. They complement the statement of requirements for facilities and services contained in the Air Navigation Plan publications.

4th edition, 1987.

Reprinted August 2000, incorporating Amendments 1–197. 183 pp.

E, F, R, S

**Order No. 7030**

**\$100.00**

Amendment 198 (28/7/00).....	<b>Order No. 7030/E/17</b>	free on request
Amendment 199 (1/11/00).....	<b>Order No. 7030/E/18</b>	free on request
Amendment 200 (12/12/00).....	<b>Order No. 7030/E/19</b>	free on request
Amendment 201 (31/10/01).....	<b>Order No. 7030/E/20</b>	free on request
Amendment 202 (30/11/01).....	<b>Order No. 7030/E/21</b>	free on request
Amendment 203 (20/2/02).....	<b>Order No. 7030/E/22</b>	free on request
Amendment 204 (28/8/02).....	<b>Order No. 7030/E/23</b>	free on request
Amendment 205 (4/4/03).....	<b>Order No. 7030/E/24</b>	free on request

## Procedures for Air Navigation Services

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Amendment 206 (26/9/03).....	<b>Order No. 7030/E/25</b>	free on request
Amendment 207 (16/3/04).....	<b>Order No. 7030/E/27</b>	free on request
Amendment 208 (15/10/04).....	<b>Order No. 7030/E/28</b>	free on request
Amendment 209 (28/1/05).....	<b>Order No. 7030/E/29</b>	free on request
Amendment 210 (17/6/05).....	<b>Order No. 7030/E/30</b>	free on request

*Records available in the form of resolutions and recommendations, and reports and minutes of the various Assembly sessions and of the Commissions of the Assembly.*

## Group 160 Resolutions

### **Assembly Resolutions in Force (as of 8 October 2004). (Doc 9848)**

This document contains the texts of all resolutions of the ICAO Assembly in force at the close of its 35th Session (September/October 2004). In addition to the text of the resolutions in force, the document contains a list of resolutions or parts thereof declared no longer in force; a list of resolutions resulting from consolidations, with an indication of their origin; a list of resolutions that have been consolidated, with an indication of the resulting resolution; a subject index of resolutions in force; and an index of resolutions in force.

2005. 210 pp.

E, A, C, F, R, S

ISBN 92-9194-495-5

Order No. 9848

\$107.00

## Group 162 Reports and Minutes

These documents provide a record, in the form of reports and/or minutes, of the deliberations of the various Assembly Sessions. The reports and minutes of the 1st to the 32nd Sessions are out of print.

*Note.— Documents of the 32nd Session are available on CD-ROM, Order No. A32. See Electronic Publications section.*

*33rd Session.*

Montreal, 25 September–5 October 2001.

### **Minutes of the Plenary Meetings. (Doc 9789)**

2003. 136 pp.

E, A, F, R, S

ISBN 92-9194-019-4

Order No. 9789

\$71.00

### **Report of the Administrative Commission. (Doc 9792)**

2002. 42 pp.

E, A, F, R, S

Order No. 9792

\$26.00

### **Report of the Economic Commission. (Doc 9798)**

2003. 37 pp.

E, A, F, R, S

ISBN 92-9194-061-5

Order No. 9798

\$22.00

### **Report of the Technical Commission. (Doc 9797)**

2003. 48 pp.

E, A, F, R, S

ISBN 92-9194-127-1

Order No. 9797

\$28.00

### **Report of the Legal Commission. (Doc 9799)**

2003. 22 pp.

E, A, F, R, S

ISBN 92-9194-060-7

Order No. 9799

\$14.00

***Report and Minutes of the Executive Committee. (Doc 9791)***

2004. 216 pp.

E, A, F, R, S

ISBN 92-9194-207-3

**Order No. 9791**

**\$112.00**

*34th Session (Extraordinary).*

Montreal, 31 March–1 April 2003.

***Plenary Meetings — Resolution and Minutes. (Doc 9820)***

2003. 36 pp.

E, A, C, F, R, S

ISBN 92-9194-092-5

**Order No. 9820**

**\$20.00**

*35th Session.*

Montréal, 28 September–8 October 2004.

***Report of the Economic Commission. (Doc 9847)***

2005. 44 pp.

E, A, C, F, R, S

ISBN 92-9194-551-X

**Order No. 9847**

**\$22.00**

***Report of the Technical Commission. (Doc 9845)***

2005. 56 pp.

E, A, C, F, R, S

ISBN 92-9194-624-9

**Order No. 9845**

**\$29.00**

**Group 166 Annual Reports to the Assembly**

The Annual Report of the Council of ICAO provides the world aviation community with comprehensive insight into the programmes, activities and achievements of the Organization in support of its mission as defined by the Convention on International Civil Aviation, namely, the safe and orderly development of international civil aviation.

*Note.—The Annual Reports for the years 1950 to 2000 are out of print but are available on CD-ROM and online via the Web by subscription. See Electronic Publications section.*

**Annual Report of the Council — 2001. (Doc 9786)**

2002.

Reprinted September 2004. 198 pp.

E, A, F, R, S

ISBN 92-9194-409-2  
ISSN 0251-2289

**Order No. 9786**

**\$103.00**

**Annual Report of the Council — 2002. (Doc 9814)**

2003.

Reprinted September 2004. 190 pp.

E, A, F, R, S

ISBN 92-9194-081-X  
ISSN 0251-2289

**Order No. 9814**

**\$99.00**

**Annual Report of the Council — 2003. (Doc 9826)**

2004.

Reprinted July 2004. 198 pp.

E, A, F, R, S

ISBN 92-9194-303-7  
ISSN 0251-2289

**Order No. 9826**

**\$103.00**

**Annual Report of the Council — 2004. (Doc 9851)**

2005.

E, A, C, F, R, S

ISBN 92-9194-541-2  
ISSN 0251-2289

**Order No. 9851**

**\$119.00**

**Group 167 Council Committees**

CAEP — Committee on Aviation Environmental Protection

**Report of the Fourth Meeting. (Doc 9720)**

Montreal, 6–8 April 1998.

1998. 99 pp.

E, F, R, S

**Order No. 9720**

**\$51.00**

***Report of the Fifth Meeting. (Doc 9777)***

Montreal, 8–17 January 2001.

2001. 151 pp.

E, A, F, R, S

**Order No. 9777**

**\$80.00**

***Report of the Sixth Meeting. (Doc 9836)***

Montreal, 2–12 February 2004.

2004. 358 pp.

E, A, F, R, S

ISBN 92-9194-398-3

**Order No. 9836**

**\$185.00**

FANS (PHASE II) — Special Committee for the Monitoring and Co-ordination of Development and Transition Planning for the Future Air Navigation System

***Report of the Fourth Meeting. (Doc 9623)***

Montreal, 15 September – 1 October 1993.

1993. 356 pp.

E, F, R, S

**Order No. 9623**

**\$182.00**

**Group 175 Airport Characteristics Data Bank*****Airport Characteristics Data Bank (ACDB).***

The ACDB provides the user with information on facilities at over one thousand of the world's main airports.

2006 edition.

Quadrilingual: E/F/S/R

*Note.— Also available on diskette. See Electronic Publications section.*

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Aeronautical Information and Charts Section (AIS/MAP)  
International Civil Aviation Organization  
999 University Street  
Montréal, Quebec, Canada H3C 5H7  
E-mail: [ais@icao.int](mailto:ais@icao.int)



## TECHNICAL PUBLICATIONS

Specialized information on air navigation activities, listed under subheadings of particular air navigation fields, and comprising the following:

*Manuals.* The technical manuals provide guidance and information and are intended to facilitate uniform application of international Standards and Recommended Practices. The various parts of the Training Manual are intended to encourage the uniform application of personnel licensing standards and the attainment of a high standard of professional training generally.

*Circulars.* Publications intended to disseminate to Contracting States specialized information, such as technical studies; analyses, reproductions of or extracts from informative documents supplied by Contracting States; reports on the implementation of Standards and Recommended Practices; and Aircraft Accident Digests.

### AGA — AERODROMES, AIR ROUTES AND GROUND AIDS

Group 172
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#### ***Aerodrome Design Manual. (Doc 9157)***

##### *Part 1.— Runways.*

Part 1 provides guidance on the geometric design of runways and the aerodrome elements normally associated with runways. It discusses runway configuration, runway length, aeroplane performance parameters affecting runway length, and planning to accommodate future aircraft.

2nd edition, 1984.

Reprinted March 2004, incorporating Amendment 1. 68 pp.

E, F, R, S

ISBN 92-9194-250-2

**Order No. 9157P1**

**\$37.00**

##### *Part 2.— Taxiways, Aprons and Holding Bays.*

Part 2 contains material on the general layout and description of the design criteria for taxiway physical characteristics, including taxiway fillets, shoulders and strips, as well as typical apron layouts and their design requirements. Holding bays, dual or multiple taxiways and the advantages and disadvantages of each are discussed. In addition guidance is given on taxiway fillet design and planning for future aircraft.

4th edition, 2005. 160 pp.

E, F, R, S

ISBN 92-9194-473-4

**Order No. 9157P2**

**\$84.00**

##### *Part 3.— Pavements.*

Part 3 provides guidance on the design of pavements including their evaluation and reporting of their bearing strength as well as detailed information concerning overload operations. Background information on the ACN/PCN method of reporting pavement bearing strength is also provided. Practices of some Contracting States have also been included.

2nd edition, 1983.

Reprinted June 2003, incorporating Amendments 1 and 2. 354 pp.

E, F, R, S

ISBN 92-9194-117-4

**Order No. 9157P3**

**\$183.00**

**Part 4.— Visual Aids.**

Proper design and installation of visual aids are prerequisites for the safety of airport operations. Part 4 provides information on the characteristics of visual aids used at airports. Some of the topics covered are: functional requirements of visual ground aids; surface marking and markers; approach lighting systems; light characteristics for precision approach runways and taxiways; runway lead-in lighting systems; runway and taxiway lighting; surface movement guidance and control systems; taxiing guidance signs and obstacle lighting.

4th edition, 2004. 210 pp.

E, F, R, S

ISBN 92-9194-209-X

**Order No. 9157P4**

**\$109.00**

**Part 5.— Electrical Systems.**

Part 5 discusses the general features of electrical practices and installations and also addresses those features which are of special significance for aerodrome installations. It is assumed the readers of the manual will be familiar with electrical circuits and design concepts, but may not be familiar with certain features of aerodrome installations which are less frequently encountered in other installations.

1st edition, 1983.

Reprinted June 2003. 96 pp.

E, F, R, S

ISBN 92-9194-108-5

**Order No. 9157P5**

**\$52.00**

**Part 6. — Frangibility.**

At airports, various visual and non-visual aids are located near runways, taxiways and aprons where they may present a hazard to aircraft in the event of accidental impact during landing, take-off or ground manoeuvring. All such equipment and their supports shall be frangible and mounted as low as possible to ensure that impact will not result in loss of control of the aircraft. This manual provides guidance on the design, testing and installation of frangible structures at airports and heliports. Much of the material is closely associated with the specifications on frangibility of visual and non-visual aids contained in Annex 14 — *Aerodromes*, Volume I — *Aerodrome Design and Operations* and Volume II — *Heliports*.

1st edition, 2006. 64 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-647-8

**Order No. 9157P6**

**\$36.00**

**Group 173**

***Airport Planning Manual. (Doc 9184)*****Part 1.— Master Planning.**

Part 1 provides airport authorities with guidance on the development of airport master plans. Included are sections on the airport planning process, air side development, land side development and airport support elements.

2nd edition, 1987.

Reprinted July 2004. 152 pp.

E, F, R, S

ISBN 92-9194-338-X

**Order No. 9184P1**

**\$80.00**

**Part 2.— Land Use and Environmental Control.**

The purpose of Part 2 is to provide guidance on land use planning in the vicinity of airports. The manual addresses the ecological considerations of choosing a site, environmental control measures, land use planning, and land use administration.

3rd edition, 2002. 91 pp.

E, F, R, S

**Order No. 9184P2**

**\$53.00**

### Part 3.— *Guidelines for Consultant/Construction Services.*

Part 3 provides a general overview on contracting for designing or construction services. The manual outlines the various steps that should be taken, from the conception of the idea, to contracting for services, to the completion of the contract.

1st edition, 1983.

Reprinted June 2004. 105 pp.

E, F, R, S

ISBN 92-9194-321-5

**Order No. 9184P3**

**\$56.00**

<b>Group 174</b>
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### ***Airport Services Manual. (Doc 9137)***

#### Part 1.— *Rescue and Fire Fighting.*

Part 1 provides guidance for the implementation of the Annex 14, Volume I, specifications relating to rescue and fire fighting (RFF). It includes material concerning the level of protection to be provided at an airport, the critical area concept and the method by which the amount of extinguishing agents has been related to the critical area. The manual also contains information on RFF vehicle specifications, extinguishing agent characteristics, siting of fire stations and operating procedures for dealing with an emergency.

3rd edition, 1990.

Reprinted May 2004, incorporating Amendment 1. 230 pp.

E, F, R, S

ISBN 92-9194-299-5

**Order No. 9137P1**

**\$119.00**

#### Part 2.— *Pavement Surface Conditions.*

The purpose of Part 2 is to assist States to ensure that adequate measures are taken to overcome problems resulting from contaminants on, or weathering of, the movement area. This manual includes material concerning basic factors affecting friction, the correlation between friction measuring devices on paved surfaces, descriptions of some friction measuring devices, and practices for measuring and reporting friction on snow-, ice- and water-covered surfaces. It also provides information on the collection and dissemination of pavement surface condition information, and clearance and removal of contaminants and debris from the movement area.

4th edition, 2002. 124 pp.

E, F, R, S

**Order No. 9137P2**

**\$65.00**

#### Part 3.— *Bird Control and Reduction.*

Part 3 is intended to provide airport personnel with the information necessary to develop and implement an effective bird control programme for their airport. The manual stresses the importance of good organization and planning in the creation of such a programme, and it details the roles and responsibilities of those involved in airport bird control. To assist States wishing to establish a national bird strike committee, the manual contains information describing how such a committee is organized. In addition, the manual includes material which describes why birds are attracted to an airport, and it explains some of the concepts used to make the airport less attractive to birds.

3rd edition, 1991.

Reprinted June 2003. 30 pp.

E, F, R, S

ISBN 92-9194-104-2

**Order No. 9137P3**

**\$17.00**

#### Part 5.— *Removal of Disabled Aircraft.*

The purpose of Part 5 is to assist States to establish a plan for the removal of a disabled aircraft from the airport movement area. The manual discusses the responsibility for removing a disabled aircraft, emphasizes the need for

pre-arranged agreements with operators, companies with heavy-lift equipment and other airports for the expeditious removal of a disabled aircraft. The manual also describes some of the methods used to remove disabled aircraft.

3rd edition, 1996. 38 pp.

E, F, R, S

**Order No. 9137P5**

**\$21.00**

**Part 6.— *Control of Obstacles.***

Part 6 includes information intended to provide guidance on the control of obstacles in the vicinity of an airport. This part of the manual includes information on: obstacle surfaces; controlling obstacles at an airport; temporary hazards; obstacle surveys; and airport equipment and installations which might constitute obstacles.

2nd edition, 1983.

Reprinted May 2004. 70 pp.

E, F, R, S

ISBN 92-9194-297-9

**Order No. 9137P6**

**\$38.00**

**Part 7.— *Airport Emergency Planning.***

The material in Part 7 relates to the pre-planning for handling airport emergencies, as well as coordination between different airport agencies (or services) and those agencies in the surrounding communities that could be of assistance in responding to an emergency. Some of the topics dealt with by the manual are: the preparation of an airport emergency plan; agencies involved including their responsibilities and roles; emergency operations centre and mobile command post; offices to be contacted; triage and medical centre; care of ambulatory survivors; care of fatalities; communications; airport emergency exercises; and review of the airport emergency plan.

2nd edition, 1991.

Reprinted August 2002. 81 pp.

E, F, R, S

**Order No. 9137P7**

**\$44.00**

**Part 8.— *Airport Operational Services.***

Part 8 brings together the various technical functions that are required to be fulfilled by an airport to ensure safety and continuity of operations. The manual treats two aspects of providing airport services. In the first two chapters the overall organization and the staffing of operational services are discussed. The remaining chapters discuss particular services to be provided at the airport.

1st edition, 1983.

Reprinted September 2003. 64 pp.

E, F, R, S

ISBN 92-9194-156-5

**Order No. 9137P8**

**\$33.00**

**Part 9.— *Airport Maintenance Practices.***

Part 9 identifies various types of maintenance required for airport facilities. The manual recognizes that the proper maintenance of airport facilities is necessary for the safety of aircraft operations at an airport and deals with those facilities that are the responsibility of the airport authority.

1st edition, 1984.

Reprinted September 2003. 56 pp.

E, F, R, S

ISBN 92-9194-157-3

**Order No. 9137P9**

**\$29.00**

**Group 171**

***Heliport Manual. (Doc 9261)***

This manual is intended to assist States to implement the specifications contained in Annex 14, Volume II — *Heliports*. It deals with three different types of heliports; surface level heliports, elevated heliports and helidecks which may be

located on offshore installations or ships. The manual also provides guidance on other aspects, such as site selection, winching areas and underslung load operating areas.

3rd edition, 1995. 104 pp.

E, F, R, S

**Order No. 9261**

**\$55.00**

### ***Manual on Certification of Aerodromes. (Doc 9774)***

This manual contains guidance material on establishing a framework for aerodrome certification, including identification of the need for appropriate legal provisions, model regulations for adoption or adaptation as appropriate, the certification procedure, a typical civil aviation administration staffing pattern, a sample application form and a sample certificate for use by a State. Information in support of the introduction of the concept of the safety management system for aerodromes is also included.

1st edition, 2001.

Reprinted July 2004. 54 pp.

E, A, F, R, S

ISBN 92-9194-339-8

**Order No. 9774**

**\$30.00**

### ***Manual on the ICAO Bird Strike Information System (IBIS). (Doc 9332)***

This manual is intended to assist States in forwarding bird strike data to the ICAO Bird Strike Information System (IBIS). It describes IBIS, giving details of the data entry, data retrieval and the bird strike database layout.

3rd edition, 1989.

Reprinted September 2002. 73 pp.

E, F, R, S

**Order No. 9332**

**\$40.00**

### ***Stolport Manual. (Doc 9150)***

This manual provides guidance for the planning and establishment of stolports, unique airports designed to serve airplanes that have exceptional short-field performance capabilities. The material in this manual is based on adaptations of conventional airport practices and on the experiences of States that have operated stolports or complete STOL systems. The manual covers all aircraft operating aspects of stolports except non-visual navigation aids.

2nd edition, 1991.

Reprinted August 2002. 48 pp.

E, F, R, S

**Order No. 9150**

**\$28.00**

### ***Manual of Surface Movement Guidance and Control Systems (SMGCS). (Doc 9476)***

This manual has been developed to facilitate the implementation of specifications relating to SMGC systems found in various Annexes and the PANS-ATM. It contains information on: designing an SMGC system for an aerodrome; the functions and responsibilities of personnel, procedures; low visibility operations; high traffic volume operations; runway protection measures and apron management service.

1st edition, 1986.

Reprinted January 2005, incorporating Amendments 1 and 2. 96 pp.

E, F, R, S

ISBN 92-9194-035-6

**Order No. 9476**

**\$52.00**

## **Group 251**

### ***Operation of New Larger Aeroplanes at Existing Aerodromes. (Cir 305)***

This circular provides information on the development of suitable alternate measures, operating procedures and operating restrictions for new larger aeroplanes (NLAs) at existing aerodromes that do not meet the relevant Code F provisions of Annex 14, Volume I.

2004. 64 pp.

E, A, C, F, R, S

ISBN 92-9194-307-X

**Order No. CIR305**

**\$35.00**

## AIG — ACCIDENT INVESTIGATION AND PREVENTION

## Group 176

**Accident/Incident Reporting Manual (ADREP Manual). (Doc 9156)**

This manual provides guidance on the reporting of accidents and serious incidents to the ICAO ADREP system.

2nd edition, 1987.

Reprinted January 2001. 91 pp.

E, F, R, S

Order No. 9156

\$49.00

**Manual of Aircraft Accident Investigation. (Doc 6920)**

This manual provides information and guidance on the procedures, practices and techniques that can be used in aircraft accident and incident investigation.

4th edition, 1970.

Reprinted March 2002, incorporating Amendments 1–11. 757 pp.

E, F, R, S

Order No. 6920

\$386.00

**Manual of Aircraft Accident and Incident Investigation. (Doc 9756)**

The purpose of this manual is to encourage the uniform application of the Standards and Recommended Practices contained in Annex 13 and to provide information and guidance to States on the procedures, practices and techniques that can be used in accident and incident investigations. It is issued in four parts which will eventually replace the *Manual of Aircraft Accident Investigation* (Doc 6920). Part II — *Procedures and Checklists* and Part III — *Investigation* will follow.

*Part I — Organization and Planning.*

Part I of this manual includes considerations for the establishment of an aircraft accident investigation authority in terms of its structure, staffing and legislation. The planning of an investigation and the notification process for accidents and incidents are also addressed, as are the initial actions to be taken at an accident site, with particular emphasis on the safety of personnel. A directory of the accident investigation authorities in all States and their contact details is included.

1st edition, 2000.

Reprinted February 2005, incorporating Amendment 1. 64 pp.

E, A, C, F, R, S

ISBN 92-9194-344-4

Order No. 9756P1

\$35.00

*Part IV — Reporting.*

Part IV provides guidance in developing the final reports as a result of the investigation of aircraft accidents and incidents. It outlines the format and content and the procedures for consultation, release, distribution, and dissemination of the final report.

1st edition, 2003. 39 pp.

E, A, C, F, R, S

ISBN 92-9194-085-2

Order No. 9756P4

\$22.00

**Accident Prevention Manual. (Doc 9422)**

This manual contains an outline of accident prevention concepts and methods and provides examples of practical applications.

1st edition, 1984.

Reprinted November 2002. 144 pp.

E, F, R, S

Order No. 9422

\$75.00

### Group 251

#### ***Guidance on Assistance to Aircraft Accident Victims and their Families. (Cir 285)***

This circular provides guidance on the types of family assistance that may be provided to aircraft accident victims and their families. It discusses the types of assistance that may be provided, as well as the providers and recipients of such assistance. Examples are provided of one State's legislation and response plan for the provision of family assistance. 2001.

Reprinted November 2002. 104 pp.

E, A, C, F, R, S

**Order No. CIR285**

**\$55.00**

#### ***Training Guidelines for Aircraft Accident Investigators. (Cir 298)***

This circular outlines the training requirements for aircraft accident investigators, including background experience, initial and on-the-job training, and basic and advance investigation courses. It also provides guidelines for accident investigation courses.

2003. 17 pp.

E, A, C, F, R, S

ISBN 92-9194-070-4

**Order No. CIR298**

**\$12.00**

### Group 255

#### ***Aircraft Accident Digests.***

This yearly circular contains final reports on five to eight major accidents in a given year. The reports are usually published as received and in the language received.

No. 37 — 1990. (Cir 263)

1996.

Reprinted June 2001. 251 pp.

Trilingual: E/F/S

**Order No. CIR263**

**\$129.00**

No. 38 — 1991. (Cir 290)

2002. 315 pp.

Trilingual: E/F/S

**Order No. CIR290**

**\$161.00**

No. 39 — 1992. (Cir 296)

2003. 415 pp.

Trilingual: E/F/S

ISBN 92-9194-059-3

ISSN 0443-7926

**Order No. CIR296**

**\$214.00**

### Group 256

#### ***Accident/Incident Reporting (ADREP).***

This yearly circular contains accident statistics and data that may be useful for general safety studies and accident prevention programmes.

*Annual Statistics — 1998.* (Cir 276)

1999. 51 pp.

E, F, R, S

**Order No. CIR276**

**\$29.00**

*Annual Statistics — 1999.* (Cir 282)

2000. 41 pp.

E, F, R, S

**Order No. CIR282**

**\$25.00**

*Annual Statistics — 2000.* (Cir 289)

2002. 48 pp.

E, F, R, S

**Order No. CIR289**

**\$25.00**

*Annual Statistics — 2001.* (Cir 294)

2002. 46 pp.

E, F, R, S

**Order No. CIR294**

**\$25.00**

*Annual Statistics — 2002.* (Cir 297)

2003. 42 pp.

E, F, R, S

ISBN 92-9194-094-1

ISSN 1014-4498

**Order No. CIR297**

**\$25.00**

## **AIS/MAP — AERONAUTICAL INFORMATION AND CHARTS**

### **Facility and Service Documents**

#### **Group 180**

#### ***Aeronautical Information Services Provided by States.* (Doc 7383)**

Part 1 provides essential data concerning the type of aeronautical information service available from various States and how it may be obtained, supplemented by a map indicating the geographical area of responsibility of each service. Part 2 shows the current exchange of NOTAM between NOTAM offices. Part 3 contains a listing of international airports, including those designated under Article 10 of the Convention on International Civil Aviation.

93rd edition, May 2005. 142 pp.

Quadrilingual: E/F/S/R

ISBN 92-9194-518-8

ISSN 0443-7918

**Order No. 7383/93**

**\$71.00**

### **Designators and Indicators**

#### **Group 201**

#### ***Aircraft Type Designators.* (Doc 8643)**

Designators for aircraft types commonly provided with air traffic services (ATS): Part 1 lists the common names of aircraft manufacturers and their aircraft types; Part 2 lists aircraft by their type designators showing manufacturers and models; Part 3 lists aircraft by model number and/or model name; and Part 4 lists the full names of aircraft manufacturers.

33rd edition, April 2005.

Reprinted November 2005. 316 pp.

Quadrilingual: E/F/S/R

ISBN 92-9194-503-X

ISSN 1014-0107

**Order No. 8643/33**

**\$163.00**

*Note.— Also available on diskette. See Electronic Publications section.*



### Group 185

#### ***Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services. (Doc 8585)***

The designators consist of: a) three-letter designators for use on the international aeronautical telecommunication service; and b) telephony designators for aircraft operating agencies and for authorities and services operating aircraft, which may be used as appropriate. Parts 1, 2 and 3 consist of encode and decode tables linking aircraft operating agencies, aeronautical authorities and services with their assigned ICAO three-letter and telephony designators. Addresses of government civil aviation authorities are listed in Part 4.

New edition quarterly.

135th edition, January 2006. 278 pp.

Quadrilingual: E/F/S/R

ISBN 92-9194-645-1

ISSN 1014-0123

**Order No. 8585/135**

**\$145.00**

*Note.— Also available on diskette. See Electronic Publications section.*

### Group 186

#### ***Location Indicators. (Doc 7910)***

A listing of four-letter location indicators for geographical locations throughout the world, and a list of the addresses of centres in charge of flight information regions (FIR) and/or upper flight information regions (UIR).

New edition quarterly.

118th edition, December 2005. 230 pp.

Quadrilingual: E/F/S/R

ISBN 92-9194-644-3

ISSN 1727-2610

**Order No. 7910/118**

**\$125.00**

*Note.— Also available on diskette. See Electronic Publications section.*

### Group 181

#### ***Aeronautical Chart Manual. (Doc 8697)***

Guidance material in aspects of aeronautical charting in order to assist States in implementing the Standards and Recommended Practices of Annex 4 — *Aeronautical Charts*.

2nd edition, 1987.

Reprinted November 2003, incorporating Amendments 1 and 2, including 13 specimen charts. 408 pp.

E, F, R, S

ISBN 92-9194-200-6

**Order No. 8697**

**\$210.00**

### Group 182

#### ***Aeronautical Information Services Manual. (Doc 8126)***

Guidance material on aspects of the aeronautical information service (AIS), explaining the basic functions of an AIS and the basic type of organization required in order to assist States in implementing the Standards and Recommended Practices of Annex 15 — *Aeronautical Information Services*.

6th edition, 2003. 534 pp.

E, F, R

(S in preparation.)

ISBN 92-9194-083-6

**Order No. 8126**

**\$274.00**

**World Geodetic System — 1984 (WGS-84) Manual. (Doc 9674)**

Guidance material on the provision of geographic coordinates referenced to the WGS-84 datum in order to assist States in the uniform implementation of the Standards and Recommended Practices on WGS-84 as contained in Annexes 4, 11, 14 and 15.

2nd edition, 2002. 117 pp.

E, F, R, S

**Order No. 9674**

**\$70.00**

**ATM — AIR TRAFFIC MANAGEMENT****Group 199****Advanced Surface Movement Guidance and Control Systems (A-SMGCS) Manual. (Doc 9830)**

This manual provides an overview of the A-SMGCS operational requirements in order to facilitate implementation of various functions in a modular form depending on specific local aerodrome circumstances. Chapters 1 and 2 contain an introduction and an operational concept for A-SMGCS. Chapters 3 to 5 contain performance requirements and guidance on the application of the operational and performance requirements, while the appendices contain operational requirements, A-SMGCS categorization, implementation levels, equipment evolution, target level of safety and A-SMGCS system research.

1st edition, 2004. 90 pp.

E, C, F, R

(A, S in preparation.)

ISBN 92-9194-305-3

**Order No. 9830**

**\$48.00**

**Air Traffic Services Planning Manual. (Doc 9426)**

This manual consists of guidance material previously contained in Annex 11 and the PANS-ATM, and, consequently, supplements the provisions governing ATS as specified in these documents as well as in Annex 2. The manual not only contains information which can, or should, be taken into account in the formulation of development programmes within State or regions, but also material which can, or should, be applied directly to the planning and operation of the ATS system.

1st edition (provisional), 1984.

Reprinted August 2002, incorporating Amendments 1–4. 458 pp.

E, F, R, S

**Order No. 9426**

**\$236.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

**Global Air Navigation Plan for CNS/ATM Systems. (Doc 9750)**

This two-part document defines and illustrates ICAO's process for achieving a global ATM system. Part I contains guidance material on technical, economic, organizational, legal, environmental and technical cooperation issues. Part II provides a planning process and associated strategies for States and planning and implementation regional groups (PIRGs) to follow in order to provide near-, medium- and long-term operational improvements to the air navigation system. This will lead to development of an ATM infrastructure necessary to support the implementation of a global ATM system.

2nd edition, 2002. 216 pp.

E, A, F, R, S

**Order No. 9750**

**\$110.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

### ***Global Air Traffic Management Operational Concept. (Doc 9854)***

The operational concept is intended to guide the planning and implementation of CNS/ATM technology by providing a description of how the emerging and future ATM system should operate. It was developed by the Air Traffic Management Operational Concept Panel (ATMCP) and was endorsed by the Eleventh Air Navigation Conference in 2003 and the Thirty-Fifth Session of the Assembly in 2004.

1st edition, 2005. 86 pp.

E, A, C, F, R, S

ISBN 92-9194-554-4

**Order No. 9854**

**\$44.00**

### ***International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual. (Doc 9731)***

The three volumes of this document provide guidelines for a common aviation and maritime approach to organizing and providing search and rescue (SAR) services.

Volume I — *Organization and Management.*

Volume I of Doc 9731 discusses the global SAR system concept, establishment and improvement of national and regional SAR systems, and cooperation with neighbouring States to provide effective and economical SAR services.

Incorporating 2001, 2002 and 2003 amendments.

2003. 100 pp.

E, C, F, R, S

(A in preparation.)

ISBN 92-9194-197-2

**Order No. 9731P1**

**\$38.00**

Volume II — *Mission Co-ordination.*

Volume II of Doc 9731 assists personnel who plan and coordinate SAR operations and exercises.

Incorporating 2001, 2002 and 2003 amendments.

2003. 426 pp.

E, F, R, S

(A, C in preparation.)

ISBN 92-9194-217-0

**Order No. 9731P2**

**\$94.00**

Volume III — *Mobile Facilities.*

Volume III of Doc 9731 is intended to be carried aboard rescue units, aircraft and vessels to help with the performance of a search, rescue or on-scene coordinator function and with aspects of search and rescue that pertain to their own State's emergencies.

Incorporating 2001, 2002, 2003 and 2004 amendments.

2005. 186 pp.

E, C, F, R, S

(A in preparation.)

ISBN 92-9194-591-9

**Order No. 9731P3**

**\$50.00**

*Note.— Also available on the CD-ROM "Air Traffic Management" and online via the Web by subscription. See Electronic Publications section.*

### ***Manual concerning Interception of Civil Aircraft. (Doc 9433)***

This document consolidates all of the ICAO provisions and special recommendations relevant to the subject of interception of civil aircraft. This is expected to assist in understanding of, and providing a ready reference on, the subject which should facilitate the implementation and application of the various provisions and special recommendations.

2nd edition, 1990.

Reprinted February 1999. 66 pp.

E, A, C, F, R, S

**Order No. 9433**

**\$36.00**

*Note.— Also available on the CD-ROM "Air Traffic Management" and online via the Web by subscription. See Electronic Publications section.*

**Manual Concerning Safety Measures Relating to Military Activities Potentially Hazardous to Civil Aircraft Operations. (Doc 9554)**

This document provides guidance material which is meant to assist States in providing for the safe and orderly flow of international air traffic in the event that military activities, which constitute potential hazards to civil aircraft, are planned and conducted. The overall objective of the guidance material contained in the document is to promote effective coordination so that such activities may be accommodated within agreed airspace and so that hazardous activities are not conducted over the high seas without prior consultation.

1st edition, 1990.

Reprinted September 2002. 20 pp.

E, A, C, F, R, S

**Order No. 9554**

**\$12.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

**Manual of Air Traffic Services Data Link Applications. (Doc 9694)**

This manual provides guidance on a number of air traffic services (ATS) data link applications including automatic dependent surveillance (ADS), controller-pilot data link communications (CPDLC), the provision, via data link, of data link flight information services (DFIS) as well as material pertaining to data link initiation capability (DLIC) and ATS interfacility data communication (AIDC). This guidance material is considered part of the evolutionary process of the development and implementation of data link-related technology in support of global harmonization and standardization of data link-based air traffic control systems.

1st edition, 1999. 251 pp.

E, F, R, S

**Order No. 9694**

**\$131.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

**Manual of Radiotelephony. (Doc 9432)**

This document contains numerous examples of radiotelephony phraseology in common use. The objective is to ensure a high standard of aeronautical radiotelephony which will contribute to safety.

2nd edition, 1990.

Reprinted October 1999. 91 pp.

E, F, R, S

**Order No. 9432**

**\$49.00**

**Manual on Airspace Planning Methodology for the Determination of Separation Minima. (Doc 9689)**

This document is intended for use by airspace planners as a basis for changing separation minima. Its primary objective is to guide airspace planners, ICAO Regional Offices and the regional planning groups and to assist them with implementation of CNS/ATM systems, particularly in relation to airspace planning, implementation of the required navigation performance (RNP) concept and area navigation (RNAV) techniques. The methodology presented in this manual provides a framework by which airspace characteristics, aircraft capability and traffic demand can be assessed for the purpose of determining safe separation minima for en-route operations. The methodology has been designed to ensure that the intended safety level for a proposed airspace meets the required standard.

1st edition, 1998. 119 pp.

E, C, F, R, S

**Order No. 9689**

**\$63.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

### **Manual on Implementation of a 300 m (1 000 ft) Vertical Separation Minimum Between FL 290 and FL 410 Inclusive. (Doc 9574)**

The material in this document provides regional planning groups with a basis for the development of documents, procedures and programmes to enable the introduction of a 300 m (1 000 ft) vertical separation minimum (VSM) above flight level (FL) 290 within their particular regions in accordance with the criteria and requirements developed by ICAO. It also provides guidance to State aviation authorities on those measures necessary to ensure that the criteria and requirements are met within their area of responsibility as well as background information for operators to assist in the development of operating manuals and flight crew procedures. It is also a basic reference document from which the minimum aircraft system performance specifications for operations in 300 m (1 000 ft) VSM airspace above FL 290 can be developed.

2nd edition, 2002. 45 pp.

E, F, R, S

**Order No. 9574**

**\$28.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

### **Manual on Required Navigation Performance (RNP). (Doc 9613)**

The purpose of this manual is to explain the concept and provisions of required navigation performance (RNP), identify how RNP affects the systems providers and system users, and provide regional planning groups with a basis for the development of documents, procedures and programmes to introduce RNP into the airspace.

2nd edition, 1999. 45 pp.

E, C, F, R, S

**Order No. 9613**

**\$26.00**

*Note.— Also available on the CD-ROM “Air Traffic Management” and online via the Web by subscription. See Electronic Publications section.*

### **Manual on Simultaneous Operations on Parallel or Near-Parallel Instrument Runways (SOIR). (Doc 9643)**

This manual contains guidance material that is complementary to the Standards and Recommended Practices in Annex 14 and the procedures in the PANS-ATM. It describes in greater detail how simultaneous operations on closely spaced parallel or near-parallel instrument runways can be implemented when the distance between the runway centre lines is 1 035 m (3 400 ft) or more.

1st edition, 2004. 40 pp.

E, A, C, F, R, S

ISBN 92-9194-285-5

**Order No. 9643**

**\$22.00**

<b>Group 251</b>
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### **Aerodrome Flight Information Service (AFIS). (Cir 211)**

This circular provides guidance material concerning the designation of AFIS aerodromes; the basic elements of information to be provided; the requirements of AFIS units for information and communications, equipment and facilities; the training of personnel; and the procedures to be used. The document is also intended to facilitate the task of regional air navigation meetings or planning and implementation regional groups in determining ATS requirements and the nature and scope of the service to be provided at individual aerodromes.

1988.

Reprinted December 2002. 13 pp.

E, F, R, S

**Order No. CIR211**

**\$10.00**

**Methodology for the Derivation of Separation Minima Applied to the Spacing between Parallel Tracks in ATS Route Structures. (Cir 120)**

This circular was designed to facilitate research and development in the field of aircraft separation and to assist States in evaluating the progress so far achieved in the derivation of separation minima for the spacing of parallel tracks.

2nd edition, 1976.

Reprinted February 2000. 276 pp.

E, F, S

**Order No. CIR120**

**\$141.00**

**National Plan for CNS/ATM Systems. (Cir 278)**

Guidance Material.

This circular is intended to assist States in structuring, formulating, amending, enhancing and validating their national plans for the transition to CNS/ATM systems to meet both domestic and international operations. The guidance material presented in this circular is consistent with and complementary to the *Global Air Navigation Plan for CNS/ATM Systems* (Doc 9750) and covers operational, technical, economic and harmonization issues related to CNS/ATM systems.

2000. 166 pp.

E, A, C, F, R, S

**Order No. CIR278**

**\$87.00**

**Pilot Skills to make “Look-Out” more effective in Visual Collision Avoidance. (Cir 213)**

This circular aims to make pilots aware of the skills required to make “look-out” more effective. These skills include the application of effective visual scanning, the ability to listen selectively to radio transmissions from ground stations and other aircraft to create a mental picture of the traffic situation, and the development of habit patterns that can be described as “good airmanship”.

1989.

Reprinted September 2002. 13 pp.

E, F, R, S

**Order No. CIR213**

**\$10.00**

**Satellite-aided Search and Rescue — The COSPAS-SARSAT System. (Cir 185)**

The purpose of the circular is to acquaint personnel responsible for search and rescue, as well as air traffic services personnel, communications specialists and pilots, with the COSPAS-SARSAT (space system for search of vessels in distress/search and rescue satellite-aided tracking), which introduces space technology to assist in expediting search and rescue activities. It explains how the system assists with search and rescue, and informs States which may be interested in taking advantage of the COSPAS-SARSAT system, of the points of contact, levels of participation and likely costs.

1986.

Reprinted July 2000. 48 pp.

E, F, R, S

**Order No. CIR185**

**\$26.00**

**CNS — COMMUNICATIONS, NAVIGATION AND SURVEILLANCE****Group 184****Comprehensive Aeronautical Telecommunication Network (ATN) Manual. (Doc 9739)**

This document contains guidance material on various technical aspects and functions of the aeronautical telecommunication network (ATN). The material aims to facilitate the understanding of detailed technical provisions that

are contained in the *Manual of Technical Provisions for the Aeronautical Telecommunication Network (ATN)* (Doc 9705-CD), and thus to assist in the planning and implementation of the ATN.

1st edition, 2000.

Reprinted May 2001. 762 pp.

English only

**Order No. 9739**

**\$390.00**

### ***Global Navigation Satellite System (GNSS) Manual. (Doc 9849)***

The primary purpose of this manual is to provide information on the implementation aspects of GNSS in order to assist States in the introduction of GNSS operations. It provides a general overview of GNSS-based operations, a GNSS system description and guidance on providing GNSS-based services and includes future prospects for the evolution of GNSS. This manual is to be used in conjunction with the relevant provisions in Annex 10, Volume I.

1st edition, 2005. 76 pp.

E, F, R, S

ISBN 92-9194-455-6

**Order No. 9849**

**\$41.00**

### ***Guidelines on the Use of the Public Internet for Aeronautical Applications. (Doc 9855)***

This manual provides guidelines on the use of the public Internet for non-time-critical aeronautical applications. The guidelines are high-level and generic and are based on the currently available commercial products and solutions for the purpose of assuring the integrity of messages/data. The manual places a degree of emphasis on the approval/accreditation (by a State) of entities that provide aeronautical information over the Internet.

1st edition, 2005. 46 pp.

E, A, C, R, S

(F in preparation.)

ISBN 92-9194-519-6

**Order No. 9855**

**\$23.00**

### ***Handbook on Radio Frequency Spectrum Requirements for Civil Aviation including statement of approved ICAO policies. (Doc 9718)***

This document contains ICAO policy statements relevant to aviation requirements for radio frequency spectrum and material relevant to the technical and operational aspects of the utilization of the radio frequency spectrum.

3rd edition, 2003. 339 pp.

E, F, R, S

ISBN 92-9194-011-9

**Order No. 9718**

**\$175.00**

### ***Manual on Air Traffic Services (ATS) Ground-Ground Voice Switching and Signalling. (Doc 9804)***

This document provides technical guidance, specifications and reference material to assist in the engineering of the ground voice communications facilities specified in Annex 10. It provides recommendations and technical guidance for administrations wishing to migrate their international ATS communications to make use of switched digital networking relating to international ATS communications.

1st edition, 2002. 44 pp.

E, F, R, S

ISBN 92-9194-006-2

**Order No. 9804**

**\$24.00**

### ***Manual on HF Data Link. (Doc 9741)***

This document provides guidance material on the implementation and use of the high frequency data link (HFDL) which is defined in the Standards and Recommended Practices of Annex 10, Volume III. The guidance material covers several areas within the HFDL system, including airborne avionics, the propagation media and the terrestrial components.

1st edition, 2000. 136 pp.

E, F, R, S

**Order No. 9741**

**\$71.00**

**Manual on the Secondary Surveillance Radar (SSR) Systems. (Doc 9684)**

This document provides guidance material on characteristics of the ground stations and airborne transponders of SSR systems which are defined in the Standards and Recommended Practices of Annex 10, Volume IV. It also describes the contribution of SSR as a major system for surveillance purposes in most air traffic control (ATC) systems and the data link capability of the Mode S component to be utilized as part of the aeronautical telecommunication network (ATN).

3rd edition, 2004. 264 pp.

E, F, R, S

ISBN 92-9194-333-9

Order No. 9684

\$135.00

**Manual on Testing of Radio Navigation Aids. (Doc 8071)**

Volume I — *Testing of Ground-based Radio Navigation Systems.*

Volume I of Doc 8071 provides general guidance on the extent of testing and inspection normally carried out to ensure that radio navigation systems meet the Standards and Recommended Practices in Annex 10. The guidance is representative of practices existing in a number of States with considerable experience in the operation and maintenance of these systems. In addition to the radio navigation systems covered in the previous editions of Volume I, the 4th edition of this volume includes guidance on testing of ILS which was previously published in Volume II.

4th edition, 2000. 189 pp.

E, F, R, S

Order No. 8071P1

\$99.00

Volume II — *Testing of Satellite-based Radio Navigation Systems.*

Volume II of Doc 8071 contains guidance on testing of satellite-based radio navigation systems. Chapters 1 and 2 describe testing of non-precision approach (NPA) procedures using an aircraft-based augmentation system (ABAS). Chapters 3 and 4 (under development) will describe testing of a satellite-based augmentation system (SBAS) and a ground-based augmentation system (GBAS).

4th edition, 2003. 36 pp.

E, F, R, S

ISBN 92-9194-126-3

Order No. 8071P2

\$38.00

Volume III — *Testing of Surveillance Radar Systems.*

Volume III of Doc 8071 describes methods for evaluating the technical and operational performance of surveillance radar systems with advanced primary radar signal processing and advanced SSR techniques. It delineates the testing methods currently in use for both primary and secondary radar systems.

1st edition, 1998. 177 pp.

E, F, R, S

Order No. 8071P3

\$93.00

**Manual on Mode S Specific Services. (Doc 9688)**

This document describes applications of the SSR Mode S system defined in Annex 10, Volume IV, which are known as Mode S specific services. The document defines data formats for application using Mode S specific services that can be accessed by a separate dedicated interface to the Mode S air-ground data link (subnetwork).

2nd edition, 2004. 40 pp.

E, F, R, S

ISBN 92-9194-407-6

Order No. 9688

\$22.00

**Manual on the Planning and Engineering of the Aeronautical Fixed Telecommunication Network. (Doc 8259)**

This document addresses policy matters, network performance and routing of traffic in the aeronautical fixed telecommunication network (AFTN). It also contains an elaborate description of the common ICAO data interchange network (CIDIN) and guidance material relating to the exchange of operational meteorological (OPMET) data over aeronautical fixed service (AFS) circuits.

5th edition, 1991. 143 pp.

E, F, R, S

Order No. 8259

\$75.00



### ***Manual on VHF Digital Link (VDL) Mode 2. (Doc 9776)***

This document contains the detailed technical specifications for VDL Mode 2. These specifications need to be considered in conjunction with the Standards and Recommended Practices for VDL Mode 2. This document also includes guidance in the implementation of VDL Mode 2. VDL Mode 2 provides an air/ground data link which is compatible with the aeronautical telecommunication network (ATN).

1st edition, 2001. 132 pp.

E, F, R, S

**Order No. 9776**

**\$69.00**

### ***Manual on VHF Digital Link (VDL) Mode 3. (Doc 9805)***

This manual contains guidance material for the Very High Frequency (VHF) Digital Link (VDL) Mode 3 integrated air-ground voice and data link system and provides implementation-related information. It includes material related to system description, concept of operations, and the characterization of the overall system performance.

1st edition, 2002. 310 pp.

English

(F, R, S in preparation.)

**Order No. 9805**

**\$158.00**

### ***Manual on VHF Digital Link (VDL) Mode 4. (Doc 9816)***

This manual contains a comprehensive description for the Very High Frequency (VHF) Digital Link (VDL) Mode 4, notably the capabilities, technical characteristics, and modes of operation of VDL Mode 4. It complements the Standards and Recommended Practices for VDL Mode 4 as contained in Annex 10.

1st edition, 2004. 406 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-300-2

**Order No. 9816**

**\$209.00**

## **FLS — FLIGHT SAFETY SECTION**

<b>Group 196</b>
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### ***Human Factors Guidelines for Safety Audits Manual. (Doc 9806)***

This manual provides the ICAO Universal Safety Oversight Audit Programme auditors, Contracting States and auditors in particular specialities with standard procedures for the conduct of safety oversight audits, with respect to those factors dealing with human performance. It is also designed to assist States in the evaluation of the implementation of Human Factors requirements contained in ICAO Annexes.

1st edition, 2002. 142 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-007-0

**Order No. 9806**

**\$75.00**

### ***Human Factors in Civil Aviation Security Operations. (Doc 9808)***

This manual presents the latest information available to the international aviation community on relevant Human Factors considerations in civil aviation security operations.

1st edition, 2002. 97 pp.

E, A, C, F, R, S

ISBN 92-9194-008-9

**Order No. 9808**

**\$52.00**

**Human Factors Training Manual. (Doc 9683)**

Part 1 introduces basic aviation Human Factors concepts. Part 2 outlines Human Factors training programmes for operational personnel.

1st edition, 1998.

Reprinted June 2003. 304 pp.

E, F, R, S

ISBN 92-9194-090-9

Order No. 9683

\$157.00

**Human Factors Guidelines for Air Traffic Management (ATM) Systems. (Doc 9758)**

This manual provides practical guidance to ICAO panels and study groups when developing CNS/ATM-related Standards and Recommended Practices. It also assists States in the consideration of Human Factors issues when purchasing and implementing CNS/ATM-related technology. Furthermore, this manual is a means of complying with Recommendations 6/11 (*Timely consideration of Human Factors issues*) and 6/12 (*Human Factors regulations*) of the *Report of the Worldwide CNS/ATM Systems Implementation Conference* (Doc 9719).

1st edition, 2000. 135 pp.

E, F, R, S

Order No. 9758

\$71.00

**Human Factors Guidelines for Aircraft Maintenance Manual. (Doc 9824)**

This manual is an introduction to the latest information available to the international aviation community on the control of human error and the development of countermeasures to error in aviation maintenance. Its target audience includes the managers of both civil aviation administrations and the airline industry including airline safety, training, operational and maintenance managers.

1st edition, 2003. 169 pp.

English

(A, C, F, R, S in preparation.)

ISBN 92-9194-134-4

Order No. 9824

\$89.00

**Line Operations Safety Audit (LOSA). (Doc 9803)**

This manual presents the latest information available to the international civil aviation community on the control and management of human error and the development of countermeasures to error in operational environments.

1st edition, 2002. 62 pp.

E, A, C, F, R, S

Order No. 9803

\$34.00

**Manual on Establishment and Operation of Aviation Training Centres. (Doc 9401)**

This manual provides guidance to advisers and to States on facilities, staffing and operation of an aviation training centre offering courses leading to professional pilot and maintenance engineer licences.

1st edition, 1983.

Reprinted June 1998. 99 pp.

E, F, R, S

Order No. 9401

\$53.00

**Manual of Procedures for Establishment and Management of a State's Personnel Licensing System. (Doc 9379)**

This manual contains guidance material for States about the procedures for the issuance and maintenance of licences to fulfil their obligations specified in Annex 1.

1st edition, 1983.

Reprinted December 2003. 200 pp.

E, F, R, S

ISBN 92-9194-208-1

Order No. 9379

\$104.00

### ***Manual on the Implementation of ICAO Language Proficiency Requirements. (Doc 9835)***

This manual provides guidance on the implementation of the ICAO language proficiency Standards for flight crew and air traffic controllers. It contains comprehensive information on a range of aspects related to language proficiency and training that will assist Contracting States, operators and air traffic services providers in implementing efficient language training and testing. It also contains information that will help the language training and testing industry in providing services that are relevant to the civil aviation context.

1st edition, 2004. 158 pp.

English

(A, C, F, R, S in preparation.)

ISBN 92-9194-422-X

**Order No. 9835**

**\$81.00**

<b>Group 197</b>
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### ***Training Manual. (Doc 7192)***

ICAO has issued guidance material in the form of Training Manuals to assist States in the implementation and uniform application of the Standards and Recommended Practices for the licensing of personnel as specified in Annex 1. The Training Manual is issued in several parts dealing with specific aspects of training for various categories of personnel.

#### *Part B-5 — Integrated Commercial Pilot Course.*

##### *Volume 1 — Course details.*

This volume of the Training Manual covers in general terms the ground training topics for an integrated course for a Commercial Pilot Licence with Instrument Rating and Class Rating Multi-Engine Land.

1st edition, 1985. 344 pp.

E, F, R, S

**Order No. 719251**

**\$175.00**

##### *Volume 2 — Instructor Briefing Sheets.*

This volume of the Training Manual comprises instructor briefing sheets intended to be used by ground instructors for developing individual lesson plans.

1st edition, 1985. 304 pp.

E, F, R, S

**Order No. 719252**

**\$155.00**

#### *Part D-1 — Aircraft Maintenance (Technician/Engineer/Mechanic).*

This part of the Training Manual contains training syllabi for AMEs that cover both knowledge and skill requirements outlined in Annex 1. The content of this edition has been updated to reflect new technologies and procedures. New subject matter has been included for the first time on topics such as airships, composite materials and Human Factors. The format of the manual reflects the concept of competency-based training and is now consistent with other manuals in the Doc 7192 series.

2nd edition, 2003. 132 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-202-2

**Order No. 7192D1**

**\$69.00**

#### *Part D-3 — Flight Operations Officers/Flight Dispatchers.*

This part of the Training Manual contains training syllabi for Flight Operations Officers/Flight Dispatchers both for basic training and re-qualification training. The syllabi suggested are not all-inclusive and are provided as a guideline to the minimum requirements for training according to Annex 1 and Annex 6.

2nd edition, 1998.

Reprinted June 2001. 116 pp.

E, F, R, S

**Order No. 7192D3**

**\$61.00**

**Part E-1 — Cabin Attendants' Safety Training.**

This part of the Training Manual contains training syllabi for the initial and recurrent training of cabin attendants. The syllabi suggested are not all-inclusive and are provided as a guideline to the minimum requirements for training according to Annex 6.

2nd edition, 1996. 47 pp.

E, F, R, S

**Order No. 7192E1**

**\$27.00**

**Part F-1 — Meteorology for Air Traffic Controllers and Pilots.**

This part of the Training Manual presents an updated curriculum on meteorology training for Air Traffic Controllers and Pilots.

1st edition, 2002. 36 pp.

E, F, R, S

**Order No. 7192F1**

**\$20.00**

**Group 251**

***Human Factors Digest No. 5 — Operational Implications of Automation in Advanced Technology Flight Decks. (Cir 234)***

This circular introduces basic Human Factors considerations in the operation and training of advanced-technology flight deck aircraft.

1992. 44 pp.

E, F, R, S

**Order No. CIR234**

**\$24.00**

***Human Factors Digest No. 7 — Investigation of Human Factors in Accidents and Incidents. (Cir 240)***

This circular discusses background and introduces a protocol for the investigation of Human Factors issues in accidents and incidents.

1993.

Reprinted May 2004. 60 pp.

E, F, R, S

ISBN 92-9194-296-0

ISSN 1729-1097

**Order No. CIR240**

**\$33.00**

***Human Factors Digest No. 8 — Human Factors in Air Traffic Control. (Cir 241)***

This circular discusses basic Human Factors issues in air traffic control, including workstation design and personnel selection and training.

1993. 45 pp.

E, F, R, S

**Order No. CIR241**

**\$27.00**

***Human Factors Digest No. 10 — Human Factors, Management and Organization. (Cir 247)***

This circular introduces the concept of systemic safety, and presents the background information as well as a protocol to implement safety programmes.

1993.

Reprinted September 1999. 47 pp.

E, F, R, S

**Order No. CIR247**

**\$27.00**

**Human Factors Digest No. 11 — Human Factors in CNS/ATM Systems. (Cir 249)**

This circular introduces the concept of human-centred automation.

1994. 37 pp.

E, F, R, S

Order No. CIR249

\$21.00

**Human Factors Digest No. 12 — Human Factors in Aircraft Maintenance and Inspection. (Cir 253)**

This circular discusses basic Human Factors issues in aircraft maintenance and inspection, including maintenance personnel selection and training.

1995. 46 pp.

E, F, R, S

Order No. CIR253

\$27.00

**Human Factors Digest No. 14 — Proceedings of the Fourth ICAO Global Flight Safety and Human Factors Symposium (Santiago, Chile, April 1999). (Cir 277)**

1999. 401 pp.

Multilingual: E/F/S/R/A

Order No. CIR277

\$207.00

**Human Factors Digest No. 15 — Human Factors in Cabin Safety. (Cir 300)**

This digest is an introduction to the latest information available to the international aviation community on relevant Human Factors considerations for aircraft passenger cabin safety. Its target audience includes safety, training and front-line operational personnel in industry, regulatory bodies, and manufacturers.

2003. 64 pp.

English

(A, C, F, R, S in preparation.)

ISBN 92-9194-164-6

ISSN 1729-1097

Order No. CIR300

\$35.00

**Human Factors Digest No. 16 — Cross-Cultural Factors in Aviation Safety. (Cir 302)**

This digest presents the safety case for cross-cultural factors in aviation by focusing not on cultures per se but on cultural interfaces, those situations where members of one culture encounter people or artifacts from other cultures. Its target audience includes international and local regulatory authorities, aircraft manufacturers, airline personnel, as well as managers of both civil aviation administrations and the airline industry, including airline operational and training managers, regulatory bodies, safety and investigation agencies and training establishments, and senior and middle non-operational airline management.

2004. 44 pp.

E, A, F, R, S

ISBN 92-9194-227-8

ISSN 1729-1097

Order No. CIR302

\$24.00

<b>Group 192</b>
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**Airworthiness Manual. (Doc 9760)**

Volume I — *Organization and Procedures.*

ISBN 92-9194-405-X

Volume II — *Design Certification and Continuing Airworthiness.*

ISBN 92-9194-406-8

This manual provides guidance to States on the establishment of an airworthiness inspection organization to meet their obligation under the Convention on International Civil Aviation to ensure that the aircraft on their registers are maintained in an airworthy condition. It also provides guidance to operators and State authorities on procedures for

maintaining the airworthiness of aircraft. Technical guidance material on specific airworthiness topics is included to assist in the uniform implementation of Annex 8 — *Airworthiness of Aircraft* and in the development of a State's national regulations.

1st edition, 2001.

Reprinted February 2005. 412 pp.

E, F, R, S

Order No. 9760

\$212.00

***Environmental Technical Manual on the Use of Procedures in the Noise Certification of Aircraft. (Doc 9501)***

This manual provides guidance to States regarding the technical procedures to be used for noise certification and promotes uniformity of implementation of the technical procedures of Annex 16 — *Environmental Protection*, Volume I — *Aircraft Noise*, in order that the same degree of stringency is applied by all certifying authorities and that the same criteria for acceptance in approving applications for the use of equivalent procedures are used.

3rd edition, 2004. 108 pp.

E, F, R, S

ISBN 92-9194-331-2

Order No. 9501

\$57.00

***Guidance on the Preparation of a Pilot's Operating Handbook for Light Aeroplanes. (Doc 9516)***

This document provides detailed guidance on the material that should be included in a pilot's operating handbook to satisfy the requirement in Annex 6 — *Operation of Aircraft*, Part II — *International General Aviation — Aeroplanes*, for an aeroplane engaged in international general aviation to carry a flight manual or other document or information concerning operating limitations.

1st edition, 1991. 127 pp.

E, F, R, S

Order No. 9516

\$67.00

***ICAO Engine Exhaust Emissions Data Bank. (Doc 9646)***

This document provides a database of information on exhaust emissions of only those engines that have entered production and has been compiled mainly from information supplied, for certification compliance purposes, for newly manufactured engines. It provides updated data for some engines using information obtained during further production. It also includes data on older engines which did not have to comply with the emissions Standards and some data from a very limited number of in-service engines measured before or after overhaul.

1st edition, 1995. 177 pp.

E, F, R, S

Order No. 9646

\$90.00

***Instrument Flight Procedures Construction Manual. (Doc 9368)***

This manual provides the instrument procedure designer guidance on how to design instrument flight procedures based on the criteria contained in the Procedures for Air Navigation Services *OPS — Aircraft Operations*, Volume II — *Construction of Visual and Instrument Flight Procedures* (Doc 8168).

2nd edition, 2002. 311 pp.

E, F, R, S

Order No. 9368

\$161.00

***Manual of Aircraft Ground De-icing/Anti-icing Operations. (Doc 9640)***

This manual provides a summary of information essential to the planning and execution of de-icing/anti-icing operations during conditions which are conducive to aeroplane icing on the ground for the purpose of international de-icing/anti-icing standardization within the civil aviation industry.

2nd edition, 2000. 37 pp.

E, C, F, R, S

Order No. 9640

\$21.00

### ***Manual of All-Weather Operations. (Doc 9365)***

This manual provides a total system concept for a State wishing to progress in the systematic development of all-weather operations both in regard to its role as State of the Operator and that of State of the Aerodrome. It is also intended to be useful to aerodrome and facility planners and others in fostering an understanding of the methodology used by operators in establishing their aerodrome operating minima.

2nd edition, 1991.

Reprinted August 2000. 68 pp.

E, F, R, S

**Order No. 9365**

**\$37.00**

### ***Manual of Criteria for the Qualification of Flight Simulators. (Doc 9625)***

This manual establishes the performance and documentation requirements for the qualification of aeroplane flight simulators used for training and checking of flight crew members. It provides the means for a State civil aviation authority to qualify a flight simulator through initial and recurrent evaluations of the flight simulator. It provides the means for the civil aviation authorities of other States to accept the qualifications granted by the State which conducted the initial and recurrent evaluation of a flight simulator.

2nd edition, 2003. 90 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-214-6

**Order No. 9625**

**\$48.00**

### ***Manual of Model Regulations for National Control of Flight Operations and Continuing Airworthiness of Aircraft. (Doc 9388)***

This manual provides a comprehensive set of model national regulations covering the control of flight operations and aircraft airworthiness. These regulations are based principally on ICAO provisions contained in Annex 6 — *Operation of Aircraft*, Annex 7 — *Aircraft Nationality and Registration Marks*, Annex 8 — *Airworthiness of Aircraft* and Annex 18 — *The Safe Transport of Dangerous Goods by Air* and on ICAO guidance material and accepted good operating practices.

2nd edition, 1987.

Reprinted August 2002. 138 pp.

E, F, R, S

**Order No. 9388**

**\$72.00**

### ***Manual of Procedures for Operations Inspection, Certification and Continued Surveillance. (Doc 8335)***

This manual provides States and operators with detailed guidance concerning the establishment and maintenance of safe, regular and efficient international commercial air transport operations. This guidance presents broad objectives and details of acceptable means of compliance with Annex 6 — *Operation of Aircraft*, Part I — *International Commercial Air Transport — Aeroplanes*, and Part III — *International Operations — Helicopters*, which underscore a need for the State of the Operator to exercise a positive and continuing measure of control over operators. The manual outlines the duties and responsibilities of both the State of the Operator and the operator and recognizes their interdependence in maintaining an acceptable standard of operations and safe operating practices.

4th edition, 1995.

Reprinted May 2004. 110 pp.

E, F, R, S

ISBN 92-9194-298-7

**Order No. 8335**

**\$58.00**

### ***Manual on the Use of the Collision Risk Model (CRM) for ILS Operations. (Doc 9274)***

This document contains instruction on the use and concept of the Collision Risk Model (CRM).

1st edition, 1980.

Reprinted June 2003, incorporating Amendments 1 and 2. 328 pp.

E, F, R, S

ISBN 92-9194-101-8

**Order No. 9274**

**\$169.00**

**Manual on Laser Emitters and Flight Safety. (Doc 9815)**

This manual supports the laser-related SARPs in Annexes 11 and 14. It focuses on the medical, physiological and psychological effects on flight crew of exposure to laser emissions. The information and guidance material provided in this manual are primarily directed to decision-makers at government level, laser operators, air traffic control officers, aircrew, aviation medicine consultants to and medical officers of the regulatory authorities, and doctors involved in clinical aviation medicine, occupational health and preventive medicine. The manual is aimed both at reducing the need for regulatory authorities to seek individual expert advice and at reducing inconsistencies between Contracting States in the implementation of national regulations.

1st edition, 2003. 82 pp.

E, A, C, F, R, S

ISBN 92-9194-058-5

**Order No. 9815**

**\$44.00**

**Preparation of an Operations Manual. (Doc 9376)**

This manual provides guidance to operators and State authorities on the preparation and content of operations manuals in line with the requirements of Annex 6 — *Operation of Aircraft*, Part I — *International Commercial Air Transport — Aeroplanes*, and Part III — *International Operations — Helicopters*. The purpose of this manual is to give guidance on those parts of the operations manual which are usually developed by the operator. It is intended to identify topics that may need to be considered by the operator in developing an operations manual.

2nd edition, 1997.

Reprinted March 2000. 197 pp.

E, C, F, R, S

**Order No. 9376**

**\$104.00**

**Template Manual for Holding, Reversal and Racetrack Procedures. (Doc 9371)**

This manual facilitates the construction of instrument flight procedures by providing a set of pre-calculated templates to draw the protection areas for holding, reversal and racetrack procedures.

2nd edition, 1986.

Reprinted June 2001. 202 pp.

E, F, R, S

**Order No. 9371**

**\$110.00**

## Group 193

**Dangerous Goods Training Programme. (Doc 9375)**

The four books of the Dangerous Goods Training Programme provide guidance on the use of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284). They have been developed to help achieve a uniform worldwide level of training in all aspects of handling and transporting dangerous goods by air and particularly to assist those who are responsible for the establishment of training programmes.

Book 1 — *Shippers, Cargo Agents and Operators' Cargo Acceptance Staff.*

3rd edition, January 1993. 124 pp.

E, F, R, S

**Order No. 9375P1**

**\$63.00**

Book 2 — *Load Planners and Flight Crew.*

3rd edition, January 1993. 43 pp.

E, F, R, S

**Order No. 9375P2**

**\$23.00**

Book 3 — *Passenger Handling Staff and Flight Attendants.*

3rd edition, January 1993. 27 pp.

E, F, R, S

**Order No. 9375P3**

**\$15.00**



Book 4 — *Loading and Warehouse Personnel*.  
3rd edition, January 1993. 38 pp.  
E, F, R, S

Order No. 9375P4

\$21.00

***Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods. (Doc 9481)***

This document provides guidance to States and operators for developing procedures and policies for dealing with dangerous goods incidents on board aircraft. It contains general information on the factors that may need to be considered when dealing with any dangerous goods incident and provides specific emergency response drill codes for each item listed in the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284).

2005–2006 Edition. 90 pp.

E, A, C, F, R, S

ISBN 92-9194-403-3

Order No. 9481

\$45.00

Group 194
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***Technical Instructions for the Safe Transport of Dangerous Goods by Air. (Doc 9284)***

The Technical Instructions amplify the broad provisions governing the international transport of dangerous goods by air which are contained in Annex 18 to the Convention. The Instructions contain all the detailed instructions necessary for the safe transport of dangerous goods and are for use by all involved in the transport chain, e.g. shippers, operators and State authorities.

2005–2006 Edition. 758 pp.

E, C, F, R, S

ISBN 92-9194-401-7

ISSN 1726-6181

Order No. 9284

\$125.00

***Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air. (Doc 9284)***

This document provides information on the safe transport of dangerous goods by air that is primarily of interest to States. It supplements or explains in greater depth the basic information contained in the Technical Instructions.

2005–2006 Edition. 148 pp.

E, C, F, R, S

ISBN 92-9194-402-5

ISSN 1726-6181

Order No. 9284SU

\$78.00

Group 251
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***New Larger Aeroplanes — Infringement of the Obstacle Free Zone: Operational Measures and Aeronautical Study. (Cir 301)***

The purpose of this circular is to provide operational information to Contracting States wishing to introduce new larger aeroplane operations at existing aerodromes. It describes a study focused on the dimensions of the obstacle free zone, as described in Annex 14. The study utilized flight simulators and computer simulations to investigate the probability of collision during a balked landing for code letter F aeroplane operations at code letter E aerodromes.

2006. 274 pp.

English

(A, C, F, R, S in preparation.)

ISBN 92-9194-560-9

Order No. CIR301

\$145.00

**Operational Opportunities to Minimize Fuel Use and Reduce Emissions. (Cir 303)**

This circular identifies and reviews various operational opportunities and techniques for minimizing fuel consumption and therefore emissions in civil aviation flight and ground operations. It should be noted that the circular is not intended to be the basis for regulatory action but examines some of the primary considerations associated with operational opportunities and the benefits and technical limitations that may be associated with them.

2004. 104 pp.

E, A, C, F, R, S

ISBN 92-9194-233-2

Order No. CIR303

\$55.00

**Recommended Method for Computing Noise Contours around Airports. (Cir 205)**

This circular provides material developed in 1986 to assist States in the computation of noise contours around airports. It gives an outline for a single procedure for computing airport noise contours, identifying the major aspects and supplying specifications in respect of each. The method of calculation described should allow States to compute noise contours which are consistent with one another.

1988.

Reprinted April 2001. 36 pp.

E, F, R, S

Order No. CIR205

\$20.00

**MED — AVIATION MEDICINE**

## Group 188

**Manual of Civil Aviation Medicine. (Doc 8984)**

The main purpose of this manual is to assist and guide designated medical examiners and licensing authorities in decisions relating to the medical fitness of licence applicants as specified in Annex 1 — *Personnel Licensing*. It is also envisaged that the manual might be useful to supplement properly supervised theoretical and practical post-graduate training in aviation medicine. Topics discussed in the manual include licensing practices, aviation physiology, medical assessment, aviation pathology and aviation medical training.

2nd edition, 1985. 314 pp.

E, F, R, S

Order No. 8984

\$160.00

**Manual on Prevention of Problematic Use of Substances in the Aviation Workplace. (Doc 9654)**

The global spread of psychoactive substances, their general availability and the ever-increasing number of addicted users are becoming a growing threat to aviation safety in many States. This document was developed to provide States with a tool for decision-makers to use when deciding on the best policy for their States and for State licensing authorities when planning national strategies; at the same time, airlines and other employers can use this document to implement, on a practical level, established policies and strategies in a cost-effective way, with due regard for both aviation safety and the welfare of their employees. The manual is organized into five chapters: introduction; education of the aviation workforce; identification, treatment and rehabilitation; employment consequences of problematic substance use; and biochemical test programmes.

1st edition, 1995. 100 pp.

E, A, F, R, S

Order No. 9654

\$51.00

**MET — METEOROLOGY**

<b>Group 190</b>
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***Handbook on the International Airways Volcano Watch (IAVW). (Doc 9766)***

This handbook provides guidance for area control centres, international NOTAM offices, meteorological watch offices, vulcanological observatories and volcanic ash advisory centres on the operational procedures and contact list for the ICAO International Airways Volcano Watch.

2nd edition, 2004. 144 pp.

E, F, R, S

ISBN 92-9194-220-0

**Order No. 9766**

**\$75.00**

***Manual of Aeronautical Meteorological Practice. (Doc 8896)***

This manual aims at meeting the needs of aeronautical meteorologists, particularly those at the working level, as well as the needs of pilots and other aeronautical personnel for guidance on practices to be used in the provision of meteorological service to air navigation. The body of the manual is based primarily on the content of Annex 3 — *Meteorological Service for International Air Navigation* and it contains detailed guidance on meteorological reports and forecasts. The appendices address specific issues such as location of instruments at aerodromes, and guidelines for authorized access to AFS satellite distribution systems broadcasting WAFS forecasts and OPMET data.

6th edition, 2004. 204 pp.

English only

ISBN 92-9194-345-2

**Order No. 8896**

**\$104.00**

***Manual of the ICAO Standard Atmosphere (extended to 80 kilometres (262 500 feet)). (Doc 7488)***

This manual provides standard values of atmospheric parameters in tabular form for levels up to 80 kilometres. It also gives values of constants and coefficients, as well as the underlying equations used in the calculation of the atmospheric parameters. The document is intended for use in calculations in the design of aircraft, in presenting test results of aircraft and their components under identical conditions, and in facilitating standardization in the development and calibration of instruments. Its use is also recommended in the processing of data from geophysical and meteorological observations. This manual intends to facilitate the uniform application of the ICAO Standard Atmosphere defined in Annex 8 — *Airworthiness of Aircraft* and provides sets of data that are accurate enough for practical applications (identical to ISO standard atmosphere).

3rd edition, 1993. 315 pp.

Quadrilingual: E/F/S/R

**Order No. 7488**

**\$167.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

***Manual of Runway Visual Range Observing and Reporting Practices. (Doc 9328)***

This manual provides guidance on the application of the provisions on RVR given in Annex 3 — *Meteorological Service for International Air Navigation* to the operational environment. It also contains information on recent technical developments and research. The manual is intended to assist States in setting up efficient RVR systems or, where such systems exist, in updating and standardizing them.

3rd edition, 2005. 118 pp.

E, F, R, S

ISBN 92-9194-480-7

**Order No. 9328**

**\$60.00**

***Manual on Coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological Services. (Doc 9377)***

The aim of this manual is to make available to States information and guidance — based on practical experience — concerning ways and means of improving the coordination between area control centres/flight information centres

(ACCs/FICs) and their associated meteorological watch offices (MWOs). It also contains information on relevant modern methods employed by States, in particular in respect of the provision to air traffic services (ATS) units, of weather radar data and of meteorological information required by flights below flight level 100. In addition, the manual provides information on coordination between search and rescue units and meteorological offices.

2nd edition, 2001. 110 pp.

E, F, R, S

**Order No. 9377**

**\$58.00**

***Manual on Low-level Wind Shear. (Doc 9817)***

This manual provides guidance on the application of the provisions related to wind shear detection, reporting and warnings given in Annex 3 — *Meteorological Service for International Air Navigation*. It also contains information on recent technical developments and research, including advances in the development of equipment to detect and warn of wind shear, both ground-based and airborne. The manual is intended to assist States in implementing efficient wind shear warning systems.

1st edition, 2005. 222 pp.

English

(F, R, S in preparation.)

ISBN 92-9194-609-5

**Order No. 9817**

**\$113.00**

***Manual on the Provision of Meteorological Service for International Helicopter Operations. (Doc 9680)***

This manual provides guidance specifically for those services which are required by international helicopter operations. The manual also deals with the particular problems often associated with the sites from which helicopters operate, including off-shore structures.

1st edition, 1996. 41 pp.

E, F, R, S

**Order No. 9680**

**\$23.00**

***Manual on Volcanic Ash, Radioactive Material and Toxic Chemical Clouds. (Doc 9691)***

The main purpose of this manual is to assist States and international organizations involved in the international airways volcano watch (IAVW) by assembling in one document all the issues related to volcanic ash and providing guidance regarding States' responsibilities in the IAVW. The manual also provides information concerning the requirements for the provision of warnings to aircraft of radioactive materials and toxic chemical clouds and guidance regarding how these requirements may be satisfied.

1st edition, 2001. 148 pp.

E, F, R, S

**Order No. 9691**

**\$78.00**

**SOA — SAFETY OVERSIGHT AUDIT**

**Group 198**

***Safety Oversight Manual. (Doc 9734)***

This manual provides guidance on the establishment and management of a State's safety oversight system and explains the critical items for safety oversight.

Part A — *The Establishment and Management of a State's Safety Oversight System.*

2nd edition, 2006. 52 pp.

E, A

(C, F, R, S in preparation.)

ISBN 92-9194-631-1

**Order No. 9734A**

**\$28.00**

### ***Safety Oversight Audit Manual. (Doc 9735)***

This manual is published to provide ICAO auditors and Contracting States with guidance and information on standard auditing procedures for the conduct of ICAO Safety Oversight audits.

1st edition, 2000.

Reprinted June 2004, incorporating Amendment 1. 184 pp.

E, A, C, F, R, S

ISBN 92-9194-048-8

**Order No. 9735**

**\$98.00**

## **REPORTS OF MEETINGS**

Reports of divisional-type, regional-type, and panel-type meetings of worldwide interest, containing the recommendations and main considerations relating to the agenda of each meeting.

### **DIVISIONAL-TYPE MEETINGS**

The reports of the earlier meetings are out of print.

<b>Group 207</b>
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### **Air Navigation Conferences**

#### ***Report of the 10th Conference. (Doc 9583)***

Montreal, 5–20 September 1991.

Reprinted March 1994. 241 pp.

E, F, R, S

**Order No. 9583**

**\$123.00**

#### ***Report of the 11th Conference. (Doc 9828)***

Montreal, 22 September–3 October 2003.

2004. 222 pp.

E, A, C, F, R, S

ISBN 92-9194-280-4

**Order No. 9828**

**\$110.00**

#### ***Report of the Directors General of Civil Aviation Conference on a Global Strategy for Safety Oversight. (Doc 9707)***

Montreal, 10–12 November 1997. 52 pp.

E, A, F, R, S

**Order No. 9707**

**\$29.00**

#### ***Report of the World-Wide CNS/ATM Systems Implementation Conference. (Doc 9719)***

Rio de Janeiro, 11–15 May 1998. 58 pp.

E, A, F, R, S

**Order No. 9719**

**\$32.00**

**Group 208****AIG — Accident Investigation*****Report of the Accident Investigation and Prevention (AIG) Divisional Meeting (1999) (AIG/99). (Doc 9753)***

Montreal, 14–24 September 1999. 122 pp.

E, A, F, R, S

**Order No. 9753****\$62.00****Group 210****AIS/MAP — Aeronautical Information and Charts*****Report of the Aeronautical Information Services/Aeronautical Charts (AIS/MAP) Divisional Meeting (1998). (Doc 9733)***

Montreal, 23 March–3 April 1998. 636 pp.

E, A, F, R, S

**Order No. 9733****\$324.00****Group 212****MET — Meteorology*****Report of the Meteorology (MET) Divisional Meeting (2002). (Doc 9812)***

Montreal, 9–26 September 2002. 297 pp.

E, A, F, R, S

**Order No. 9812****\$154.00****Group 222****CNS — Communications, Navigation and Surveillance*****Report of the Special Communications/Operations Divisional Meeting (1995) (SP COM/OPS/95). (Doc 9650)***

Montreal, 27 March–7 April 1995. 272 pp.

E, F, R, S

**Order No. 9650****\$141.00****OPS — Operations*****Report of the Special Communications/Operations Divisional Meeting (1995) (SP COM/OPS/95). (Doc 9650)***

Montreal, 27 March–7 April 1995. 272 pp.

E, F, R, S

**Order No. 9650****\$141.00**

## REGIONAL-TYPE MEETINGS

The reports of the earlier meetings are out of print.

### Group 218

#### AFI — Africa-Indian Ocean Region

***Report of the Seventh Africa-Indian Ocean Regional Air Navigation Meeting. (Doc 9702)***

Abuja, 12–23 May 1997. 664 pp.

E, F

Order No. 9702

\$341.00

#### CAR/SAM — Caribbean and South American Regions

***Report of the Third Caribbean/South American Regional Air Navigation Meeting (CAR/SAM/3). (Doc 9749)***

Buenos Aires (Argentina), 5–15 October 1999. 309 pp.

E, S

Order No. 9749

\$160.00

### Group 220

#### EUR — European Region

***Report of the Seventh European Regional Air Navigation Meeting. (Doc 9477)***

Malaga, 12–23 November 1985. 164 pp.

E, F

Order No. 9477

\$84.00

***Report of the Special European Regional Air Navigation Meeting. (Doc 9639)***

Vienna (Austria), 5–14 September 1994. 160 pp.

E, F, R, S

Order No. 9639

\$84.00

### Group 221

#### MID — Middle East Region

***Report of the Limited Middle East (COM/MET/RAC) Regional Air Navigation Meeting. (Doc 9672)***

Cairo, 7–17 January 1996. 418 pp.

E, A, F

Order No. 9672

\$215.00

## PANEL-TYPE MEETINGS

The reports of the earlier meetings are out of print.

## Group 238

**VAP — Visual Aids Panel*****Report of the Twelfth Meeting. (Doc 9603)***

Montreal, 23 September–11 October 1991. 266 pp.

E, F, R, S

**Order No. 9603****\$136.00*****Report of the Thirteenth Meeting. (Doc 9710)***

Montreal, 9–20 June 1997. 296 pp.

E, F, R, S

**Order No. 9710****\$153.00*****Report of the Fourteenth Meeting. (Doc 9821)***

Montreal, 9–18 December 2002. 176 pp.

E, F, R, S

ISBN 92-9194-124-7

**Order No. 9821****\$92.00****AIR NAVIGATION PLANS**

Air Navigation Plans set forth the facilities, services and procedures required for international air navigation within each ICAO region. Such Plans contain specifications which governments can follow in programming the provision of their air navigation facilities and services, with the assurance that facilities and services furnished in accordance with the Plan will form, with those of other States, an integrated system adequate for the foreseeable future.

In technical scope, each Plan comprises statements of required facilities and services in the following fields: aircraft operations, aerodromes and ground aids; aeronautical information services; air traffic services; communications, navigation and surveillance; meteorology; and search and rescue.

In geographical scope, the Plan is related to one or more of the nine ICAO air navigation regions. However, the Plan may call for the provision of facilities and services beyond the charted boundaries of a region, where such facilities and services are necessary to meet the requirements of international air navigation within that region.

The format of Air Navigation Plans is in the process of transition from the present one volume to the new two-volume format. The first volume of this document is the Basic Air Navigation Plan (Basic ANP). It contains general planning criteria, implementation guidelines and stable plan elements. The second volume, the Facilities and Services Implementation Document (FASID) sets forth in general terms the facilities, services and procedures required for international air navigation within a specified area. With the exception of the trial editions of the North Atlantic Region ANP and FASID (Docs 9634 and 9635), the Basic ANP and FASID are considered to be one saleable document.

## Group 240

***Africa-Indian Ocean Region. (Doc 7474)***

Volume I, Basic ANP.

Reprinted January 2005, incorporating Amendment 1.

ISBN 92-9194-431-9

Volume II, FASID.

Reprinted January 2005.

ISBN 92-9194-432-7

1st edition, 2003. 1 036 pp.

Trilingual: E/F/S

**Order No. 7474****\$530.00**



**Group 245**

***Asia and Pacific Regions. (Doc 9673)***

1st edition, 1996. 368 pp.

Trilingual: E/F/S

**Order No. 9673**

**\$190.00**

**Group 241**

***Caribbean and South American Regions. (Doc 8733)***

Volume I, Basic ANP.

Volume II, FASID.

1st edition, 2000. 1 068 pp.

Trilingual: E/F/S

**Order No. 8733**

**\$549.00**

**Group 242**

***European Region. (Doc 7754)***

Volume I, Basic ANP.

Volume II, FASID.

1st edition, 2001. 646 pp.

E, F, R, S

**Order No. 7754**

**\$332.00**

*Note.— MET and COM Supplements (Tables) may be obtained from the Office of the Regional Director (Service de Documentation), at the ICAO Regional Office (France) 3 bis, villa Émile-Bergerat, 92522 Neuilly-sur-Seine (Cedex), France.*

**Group 243**

***Middle East Region. (Doc 9708)***

1st edition, 1999. 397 pp.

Trilingual: E/F/S

**Order No. 9708**

**\$205.00**

Arabic edition, 1999. 284 pp.

**Order No. 9708A**

**\$205.00**

**Group 244**

***North Atlantic, North American and Pacific Regions. (Doc 8755)***

13th edition, October 1990.

Reprinted March 2003, incorporating Amendments 1–3. 355 pp.

Trilingual: E/F/S

**Order No. 8755**

**\$181.00**

**North Atlantic Region. (Doc 9634)**

Trial edition, 1995. 163 pp.

Trilingual: E/F/S

**Order No. 9634****\$87.00****Facilities and Services Implementation Document (FASID) — North Atlantic Region. (Doc 9635)**

Trial edition, 1995. 189 pp.

Trilingual: E/F/S

**Order No. 9635****\$99.00**

## Group 265 User Charges

### ***Tariffs for Airports and Air Navigation Services, 2004 Edition. (Doc 7100)***

This document lists airport and air navigation service charges levied in 182 States. The document also contains various background information including: a comparison by State of landing, take-off and passenger-related charges for three different types of aircraft; exchange rates; and a list showing maximum permissible aircraft weight by aircraft type.

2005. 508 pp.

Quadrilingual: E/F/S/R

ISBN 92-9194-463-7

Order No. 7100

\$350.00

ISSN 1728-0176

*Note.— The 2004 English edition of this manual is available on CD-ROM. See Electronic Publications section.*

## Group 260 Economic Publications

Specialized information on air transport activities; economic studies concerning airports and air navigation services, air carrier economics, economic contribution of civil aviation regulation of international air transport; forecasting and economic planning; and summaries of treaties or agreements registered with ICAO, etc.

### **ECONOMICS OF AIRPORTS AND AIR NAVIGATION SERVICES**

#### ***Privatization in the Provision of Airports and Air Navigation Services. (Cir 284)***

This circular presents information on developments in ownership and management in the provision of airports and air navigation services, provides definitions and analyses of the options available, together with the possible implications of these options. It also discusses major issues to be examined by States when considering a change in ownership and management and brings to the notice of States important provisions of the *Convention on International Civil Aviation* (Doc 7300) and other ICAO policy and guidance documents regarding regulatory measures.

2002. 40 pp.

E, A, F, R, S

Order No. CIR284

\$22.00

#### ***Highlights in the Economic Development of Airports and Air Navigation Services. (Cir 286)***

This circular presents information on the economic, organizational and regulatory status of airports and air navigation service providers in the year 2000. It is based on a survey of Contracting States conducted prior to the Conference on the Economics of Airports and Air Navigation Services (ANSCong 2000), Montreal, 19–28 June 2000.

June 2002. 123 pp.

E, A, F, R, S

Order No. CIR286

\$65.00

#### ***ICAO's Policies on Charges for Airports and Air Navigation Services. (Doc 9082)***

This document sets forth the recommendations and conclusions of the ICAO Council on airport and air navigation services charges for international civil aviation.

7th edition, 2004. 32 pp.

E, A, C, F, R, S

ISBN 92-9194-396-7

Order No. 9082

\$18.00

***Report on Financial and Related Organizational and Managerial Aspects of Global Navigation Satellite System (GNSS) Provision and Operation. (Doc 9660)***

This Report provides policy and practical guidance with regard to GNSS on organizational and financial aspects.

May 1996.

Reprinted June 2000. 32 pp.

E, A, F, R, S

**Order No. 9660**

**\$19.00**

## **AIR CARRIER ECONOMICS**

***Regional Differences in International Airline Operating Economics.***

This circular analyses how differences in operations and input prices may affect the level of international air transport operating costs and the impact that changes in costs may have on air transport tariffs. Chapter 2 presents passenger, freight and mail revenue yield data of scheduled services for 17 international route groups, comprising all international routes along with passenger revenue yield data for non-scheduled operations. For the same route groups, regional differences in the costs related to the scheduled service passenger yields are presented in Chapter 3. Major causes of regional differences in costs are identified in Chapter 4.

*Regional Differences in International Airline Operating Economics, 1997. (Cir 280)*

2000. 56 pp.

E, F, R, S

**Order No. CIR280**

**\$31.00**

*Regional Differences in International Airline Operating Economics: 1998 and 1999. (Cir 293)*

2003. 47 pp.

E, F, R, S

ISBN 92-9194-013-5

**Order No. CIR293**

**\$27.00**

*Regional Differences in International Airline Operating Economics: 2000 and 2001. (Cir 306)*

*Note.— Available on CD-ROM only. See Electronic Publications section.*

## **GENERAL**

***Policy and Guidance Material on the Economic Regulation of International Air Transport. (Doc 9587)***

This is a compendium of conclusions, decisions adopted by the ICAO Assembly and the Council, and guidance material developed by ICAO for its Contracting States concerning the economic regulation of international air transport.

2nd edition, 1999. 125 pp.

E, A, C, F, R, S

**Order No. 9587**

**\$66.00**

***ICAO's Policies on Taxation in the Field of International Air Transport. (Doc 8632)***

This document contains a consolidated Resolution on Taxation of International Air Transport and associated commentary adopted by the ICAO Council in 1999 for guidance to States and international operators, which covers ICAO policies with regard to the taxation of fuel, lubricants and other consumable technical supplies; the taxation of income of international air transport enterprises and aircraft and other movable property; and taxes related to the sale and use of international air transport (such as taxes on air waybills, tickets and passengers).

3rd edition, 2000. 15 pp.

E, A, F, R, S

**Order No. 8632**

**\$10.00**

### ***Implications of Airline Codesharing. (Cir 269)***

This circular contains an ICAO Secretariat study on the subject, which provides comprehensive information on this evolving and increasingly popular airline practice and a detailed analysis of its economic and regulatory implications. 1997.

Reprinted November 1998. 87 pp.

E, A, C, F, R, S

**Order No. CIR269**

**\$47.00**

### ***Regulatory Implications of the Allocation of Flight Departure and Arrival Slots at International Airports. (Cir 283)***

This circular contains an ICAO Secretariat study which provides a detailed analysis of the growing problem of capacity constraints at airports; the regulatory framework involved and the means by which governments, airports and airlines have sought to alleviate or minimize this situation. The study also assesses current and potential mechanisms for dealing with a chronic shortage of airport capacity and suggests possible improvements and alternatives to the existing systems.

2001. 28 pp.

E, A, F, R, S

**Order No. CIR283**

**\$16.00**

### ***Economics of Satellite-based Air Navigation Services. (Cir 257)***

Guidelines for cost/benefit analysis of communications, navigation and surveillance/air traffic management (CNS/ATM) systems.

1995.

Reprinted June 2004. 77 pp.

E, A, F, R, S

ISBN 92-9194-322-3

**Order No. CIR257**

**\$42.00**

*Note.— Also available on diskette. See Electronic Publications section. Formulated spreadsheets using Quattro Pro, Excel or Lotus software are available on diskette at U.S.\$200.00. The cost includes documentation and delivery by airmail or via e-mail.*

### ***Outlook for Air Transport to the Year 2015. (Cir 304)***

Published biennially or triennially, this circular reports on air transport trends and challenges and long-term airline passenger and freight traffic forecasts, in world totals and by region of registration, from 2002 to 2015. It provides passenger traffic forecasts also for intercontinental route groups and global forecasts of aircraft movements, again from 2002 to 2015.

2004. 56 pp.

E, A, F, R, S

ISBN 92-9194-410-6

**Order No. CIR304**

**\$31.00**

### ***The World of Civil Aviation.***

This annual circular reviews the main events in or affecting international civil aviation in Part I; analyses trends in the world economy and the air transport industry and presents global forecasts of airline scheduled passenger traffic in Part II; reviews developments in civil aviation and gives prospects in Part III.

*The World of Civil Aviation, 1999–2002. (Cir 279)*

2000. 142 pp.

E, A, F, R, S

**Order No. CIR279**

**\$75.00**

*The World of Civil Aviation, 2000. (Cir 287)*

2002. 146 pp.

E, A, F, R, S

**Order No. CIR287**

**\$75.00**

*The World of Civil Aviation, 2001–2004.* (Cir 291)

2002.

Reprinted July 2004. 158 pp.

E, A, F, R, S

ISBN 92-9194-038-0

ISSN 1727-0154

**Order No. CIR291****\$83.00***The World of Civil Aviation, 2002–2005.* (Cir 299)

2003. 157 pp.

E, A, F, R, S

ISBN 92-9194-194-8

ISSN 1727-0154

**Order No. CIR299****\$83.00***The World of Civil Aviation, 2003–2006.* (Cir 307)

2005. 116 pp.

E, A, F, R, S

ISBN 92-9194-499-8

ISSN 1727-0154

**Order No. CIR307****\$59.00**

*Note.— This is the last of the series. The text referring to the annual review now appears in the ICAO Journal and the medium-term forecasts will be published as a series of circulars, beginning with Circular 308, Airline Traffic Forecasts and Financial Trends — 2005 to 2007.*

***Airline Traffic Forecasts and Financial Trends — 2005 to 2007.* (Cir 308)**

This annual circular analyses trends in airline traffic and financial results, along with factors underlying air traffic demand, and presents medium-term global and regional forecasts of scheduled passenger traffic and basic global airline financial trends.

2006. 40 pp.

English

(A, F, R, S in preparation.)

ISBN 92-9194-649-4

**Order No. CIR308****\$21.00*****Digest of Bilateral Air Transport Agreements.* (Doc 9511)**

The hard copy version of this publication is no longer being printed. It is, however, available as a *Database of the World's Air Services Agreements* (Doc 9511). See Electronic Publications section.

**Group 261 Environmental Publications*****Guidance on the Balanced Approach to Aircraft Noise Management.* (Doc 9829)**

The aim of this guidance material is to provide States with advice and practical information on implementing a Balanced Approach to noise management. The Balanced Approach, which was adopted by the ICAO Assembly in 2001, encompasses four principal elements: reduction of noise at source, land-use planning and management, noise abatement operational procedures and operating restrictions on aircraft. This guidance material describes some of the measures available under each element, their interrelationship, and the tools that might be used to assess and compare their costs and benefits.

1st edition, 2004. 66 pp.

E, A, C, F, R, S

ISBN 92-9194-399-1

**Order No. 9829****\$36.00**

<b>Group 262</b>	<b>Facilitation Publications</b>
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These publications contain certain material of a policy nature or provide guidance to Contracting States as far as Facilitation of international air transport is concerned.

***Machine Readable Travel Documents. (Doc 9303)***

The three parts of this document contain technical specifications for machine readable travel documents, i.e. passports, visas and other official identity documents which are used for international travel.

Part 1.— *Machine Readable Passports.*

Part 1 of Doc 9303 defines the specifications for passports in standardized formats which present data in both eye readable and machine readable form.

5th edition, 2003.

Reprinted September 2005. 124 pp.

E, A, F, R, S	ISBN 92-9194-012-7	<b>Order No. 9303P1</b>	<b>\$64.00</b>
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Part 2.— *Machine Readable Visas.*

Part 2 of Doc 9303 contains the specifications for visas which include specifications for a Format-A visa (the original full-size visa) and an alternative, smaller, Format-B visa.

3rd edition, 2005. 172 pp.

E, A, F, R, S	ISBN 92-9194-471-8	<b>Order No. 9303P2</b>	<b>\$90.00</b>
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Part 3.— *Size 1 and Size 2 Machine Readable Official Travel Documents.*

Part 3 of Doc 9303 defines the technical specifications for two sizes (TD-1 and TD-2) of machine readable official travel documents, including the crew member certificate.

2nd edition, 2002.

Reprinted August 2005. 168 pp.

E, A, F, R, S	ISBN 92-9194-579-X	<b>Order No. 9303P3</b>	<b>\$86.00</b>
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***Dynamic Flight-related Public Information Displays. (Doc 9249)***

This document contains recommendations for uniformity in the layout of flight-related public information displays in order to benefit passengers and to assist in maintaining smooth passenger flow patterns through airport terminal buildings.

1978.

Reprinted September 2003. 24 pp.

E, F, R, S	ISBN 92-9194-162-X	<b>Order No. 9249</b>	<b>\$14.00</b>
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***International Signs to Provide Guidance to Persons at Airports and Marine Terminals. (Doc 9636)***

This is a joint multilingual ICAO/IMO publication containing signs and symbols for use at international airports and marine terminals.

1995.

Reprinted May 2003. 105 pp.

Multilingual: E/F/R/S/A/C		<b>Order No. 9636</b>	<b>\$56.00</b>
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**Access to Air Transport by Persons with Disabilities. (Cir 274)**

This circular contains guidance material that elaborates on Annex 9 Standards and Recommended Practices relating to persons with disabilities. The material is also intended to assist the civil aviation community in the day-to-day application of these SARPs.

1999. 12 pp.

E, A, F, R, S

Order No. CIR274

\$10.00

Group 264	Manuals
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Guidance and information on economics of airports and air navigation services; air traffic forecasting; regulation of international air transport; reporting and using ICAO civil aviation statistics.

**Airport Economics Manual. (Doc 9562)**

This manual contains practical guidance material on ICAO policy on airport charges, organizational structures of airports, airport financial management, determining the cost basis for charging purposes, charges on air traffic and their collection, development and management of non-aeronautical activities and financing airport infrastructure.

1st edition, 1991.

Reprinted August 2002. 117 pp.

E, A, F, R, S

Order No. 9562

\$60.00

**Manual on Air Traffic Forecasting. (Doc 8991)**

This manual is addressed to personnel of civil aviation administrations, airline planners, planners of airports and routes facilities and others actively engaged in practical forecasting work. It provides a survey of techniques commonly used for medium- and long-term (i.e. 3- and 5-year periods, respectively) air traffic forecasting along with practical guidance on the application of these techniques.

2nd edition, 1985.

Reprinted March 2004. 48 pp.

E, F, R, S

ISBN 92-9194-251-0

Order No. 8991

\$27.00

**Manual on the Regulation of International Air Transport. (Doc 9626)**

This is a comprehensive and objective source of information about the many facets of international air transport regulation, which complements and supplements Doc 9587. It contains descriptive and analytical material on existing regulatory processes and structure at the national, bilateral and multilateral levels, as well as regulatory content and key issues. It can be used as a dictionary of international air transport terms, an encyclopedia and a textbook for academic or other educational and training purposes.

2nd edition, 2004.

Reprinted January 2005. 246 pp.

E, A, C, F, R, S

ISBN 92-9194-404-1

Order No. 9626

\$128.00

**Manual on Air Navigation Services Economics. (Doc 9161)**

This manual contains practical guidance material on: ICAO policy on air navigation services charges; organizational structures of air navigation services; financial management of air navigation services; determining the cost basis for air navigation services charges; the collection of air navigation services charges; and financing air navigation services infrastructure.

3rd edition, 1997. 118 pp.

E, A, F, R, S

Order No. 9161

\$62.00



Group 266
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**REPORTS OF MEETINGS**

Reports of Conferences on Air Transport and Aviation Security, and Divisional-type Meetings.

The reports of the earlier sessions and conferences are out of print.

**CONFERENCES*****Report of the Conference on Airport and Route Facility Management. (Doc 9579)***

Montreal, 29 October–9 November 1991. 82 pp.

E, A, F, R, S

**Order No. 9579**

**\$43.00**

***Report of the Conference on the Economics of Airports and Air Navigation Services. (Doc 9764)***

Air Transport Infrastructure for the 21st Century.

Montreal, 19–28 June 2000. 94 pp.

E, A, F, R, S

**Order No. 9764**

**\$50.00**

***Report of the World-wide Air Transport Conference on International Air Transport Regulation: Present and Future. (Doc 9644)***

Montreal, 23 November–6 December 1994.

Reprinted October 1997. 100 pp.

E, A, F, R, S

**Order No. 9644**

**\$53.00**

***High-Level, Ministerial Conference on Aviation Security. (Doc 9800)***

Montreal, 19–20 February 2002. 54 pp.

E, A, C, F, R, S

**Order No. 9800**

**\$28.00**

***Report of the Worldwide Air Transport Conference. (Doc 9819)***

Challenges and Opportunities of Liberalization.

Montreal, 24–28 March 2003. 94 pp.

E, A, C, F, R, S

ISBN 92-9194-087-9

**Order No. 9819**

**\$50.00**

Group 270
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**DIVISIONAL-TYPE MEETINGS****FAL — Facilitation Division*****Report of the Eleventh Session. (Doc 9649)***

Montreal, 18–27 April 1995. 123 pp.

E, A, F, R, S

**Order No. 9649**

**\$65.00**

***Report of the Twelfth Session. (Doc 9838)***

Cairo, 22 March–1 April 2004. 104 pp.

E, A, F, R, S

ISBN 92-9194-373-8

**Order No. 9838**

**\$55.00**

**STA — Statistics Division****Ninth Session. (Doc 9703)**

Montreal, 22–26 September 1997. 66 pp.  
E, A, F, R, S

Order No. 9703

\$36.00

Group 284

**CIVIL AVIATION STATISTICS**

For further details on technical matters, contact:

Statistics Section  
International Civil Aviation Organization  
999 University Street  
Montréal, Quebec, Canada H3C 5H7  
Telephone: +1 (514) 954-8219 ext. 6292  
Fax: +1 (514) 954-6744  
E-mail: [sta@icao.int](mailto:sta@icao.int)

Statistical information received from Contracting States on Air Transport Reporting Forms is in accordance with Articles 54 (i) and 67 of the Convention.

*Note.— ICAO no longer publishes Digests of Statistics in hard copy. The civil aviation statistics collected by ICAO can, however, be accessed online. See Electronic Publications section.*

Group 720

**Aviation Security Training Packages (ASTPs) and Courses**

**Note.— ASTPs and courses can be ordered only from ICAO. See ordering address below.**

Document Sales Unit  
999 University Street  
Montréal, Quebec, Canada H3C 5H7  
Telephone: +1 (514) 954-8022  
Fax: +1 (514) 954-6769  
E-mail: [sales@icao.int](mailto:sales@icao.int)

For further information on ASTPs, please visit the training page on the ICAO AVSEC website at [www.icao.int/avsec](http://www.icao.int/avsec) or contact:

Acting Chief  
Aviation Security and Facilitation Branch  
Phone: +1 (514) 954-6130  
Fax: +1 (514) 954-6408  
E-mail: [avsec@icao.int](mailto:avsec@icao.int)

## Air Transport

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### ***STP/Basic***

This 12-day course is designed to train base- or entry-level airport security personnel to enforce, monitor and apply airport security measures in accordance with approved programmes, and to communicate and cooperate with other airport agencies.

E, F, R, S

**Order No. STP123**

**\$900.00**

### ***ASTP/Airline***

This comprises four separate training courses covering the implementation of aviation security measures in accordance with appropriate airline operator's security programmes and prescribed international aviation security standards and recommended practices.

E, F, R, S

**Order No. ASTP123P6**

**\$3 900.00**

### ***ASTP/Cargo***

This 5-day course is intended for personnel involved in the handling of cargo and mail. It provides information on the purpose and intent of existing security measures, the implementation of appropriate security controls to cargo consignments, and the appropriate emergency response procedures in the event of a cargo security incident.

E, F, R, S

**Order No. ASTP123P5**

**\$2 600.00**

### ***ASTP/Crisis Management***

This 5-day course is designed to provide senior management personnel with the knowledge and skills needed to develop and implement sound crisis management procedures.

E, C, F, R, S

**Order No. ASTP123P4**

**\$2 100.00**

### ***ASTP Exercise***

This 3-day course is for aviation security mid-management and senior management personnel who have been assigned to organize, plan, conduct and assess aviation security crisis management exercises to ensure that the overall crisis management system is properly prepared.

E, F, R, S

**Order No. ASTP123P8**

**\$2 600.00**

### ***ASTP/Instructors***

This 7-day course enables graduates to conduct AVSEC courses and be fully versed in the general application of training principles, the preparation of appropriate teaching aids, and the tailoring of course material to harmonize course objectives with local and national requirements. It is intended for aviation personnel who require AVSEC instruction guidance and materials.

E, C, F, R, S

**Order No. ASTP123P3**

**\$1 700.00**

### ***ASTP/National Inspectors***

This 7-day course provides supervisory and management personnel with the theoretical and practical knowledge and skills necessary for establishing, maintaining and conducting national audits and inspection programmes.

E, C, F, R, S

**Order No. ASTP123P11**

**\$2 600.00**

### ***Hostage Negotiation Course***

Level I: This 6-day course provides trainees with the fundamental theoretical and practical knowledge of crisis negotiation with respect to techniques, behaviours, and strategic and technical situation analysis.

E, F, R, S

**Order No. AVSEC101**

**\$2 700.00**

Level II: This 6-day course provides advanced techniques and knowledge of crisis negotiation and certification as a hostage negotiator. This course has been designed only for personnel who are assigned, or likely to experience promotion, to a negotiator function.

E, F

**Order No. AVSEC102**

**\$2 700.00**

**Group 300 Minutes and Documents of the Legal Committee**

The minutes and documents of the first 29 sessions of the Legal Committee are out of print.

**30th Session. Report. (Doc 9693)**

Montreal, 28 April–9 May 1997.

1997. 76 pp.

E, A, F, R, S

**Order No. 9693**

**\$39.00**

**Report of the 31st Session. (Doc 9765)**

Montreal, 28 August–8 September 2000.

2000. 233 pp.

E, A, F, R, S

**Order No. 9765**

**\$121.00**

**Report of the 32nd Session. (Doc 9832)**

Montreal, 15–21 March 2004.

2004. 72 pp.

E, A, F, R, S

ISBN 92-9194-292-8

**Order No. 9832**

**\$39.00**

**Group 302 Minutes and Documents of Conferences on Air Law**

**International Conference on Air Law. (Doc 9823)**

(Protocol for the Suppression of Unlawful Acts of Violence at Airports Serving International Civil Aviation,  
Supplementary to the Convention for the Suppression of Unlawful Acts Against the Safety of Civil Aviation)

Montreal, 9–24 February 1988.

*Minutes and Documents.*

2003. 342 pp.

English only

ISBN 92-9194-169-7

**Order No. 9823**

**\$176.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**International Conference on Air Law. (Doc 9801)**

(Convention on the Marking of Plastic Explosives for the Purpose of Detection)

Montreal, 12 February–1 March 1991.

Volume I — *Minutes.*

This volume contains the Minutes of the Plenary Meetings of the Conference and of the Commission of the Whole.

2002. 183 pp.

E, F

(R, S in preparation.)

**Order No. 9801-1**

**\$96.00**

Volume II — *Documents*.

Part I — Preparatory material: Report of the Sub-Committee on the Preparation of a New Legal Instrument regarding the Marking of Explosives for Detectability and the Report of the 27th Session of the Legal Committee

Part II — Documentation of the Conference

Part III — The text of the Convention on the Marking of Plastic Explosives for the Purpose of Detection

Part IV — Final Act of the Conference

2002. 304 pp.

E, F

(R, S in preparation.)

**Order No. 9801-2**

**\$157.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**International Conference on Air Law. (Doc 9783)**

(The Authentic Arabic Text of the Convention on International Civil Aviation)

Montreal, 25–29 September 1995.

*Minutes and Documents.*

2001. 196 pp.

E, A, F, R, S

**Order No. 9783**

**\$100.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**International Conference on Air Law. (Doc 9773)**

(The Authentic Chinese Text of the Convention on International Civil Aviation)

Montreal, 28 September–1 October 1998.

*Minutes and Documents.*

2001. 199 pp.

E, A, C, F, R, S

**Order No. 9773**

**\$104.00**

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**International Conference on Air Law. (Doc 9775)**

(Convention for the Unification of Certain Rules for International Carriage by Air)

Montreal, 10–28 May 1999.

Volume I — *Minutes*.

This document contains the minutes of the Conference on the subject of the modernization of the “Warsaw System” of air carrier liability. This volume sets forth the minutes of the Plenary Meetings of the Conference, the minutes of the Commission of the Whole and the minutes of the “Friends of the Chairman” Group.

2001. 265 pp.

English

(A, F, R, S in preparation.)

**Order No. 9775-1**

**\$138.00**

Volume II — *Documents*.

This document contains all working papers submitted to the Conference, including the reports of the Drafting Committee, the Final Act, and the text of the *Convention for the Unification of Certain Rules for International Carriage by Air*.

2001. 530 pp.

E, F, S

(A, R in preparation.)

**Order No. 9775-2**

**\$272.00**

Volume III — *Preparatory Material*.

This volume contains documentation pertaining to the preparatory stage of the Conference, including the reports of the meetings of the Secretariat Study Group and the report of the meeting of the Special Group on the Modernization and Consolidation of the "Warsaw System".

2001. 399 pp.

E, F, S

(A, R in preparation.)

Order No. 9775-3

\$206.00

*Note.— Also available on CD-ROM. See Electronic Publications section.*

**Group 303    Aeronautical Agreements and Arrangements**

***Aeronautical Agreements and Arrangements — Tables of Agreements and Arrangements Registered with the Organization, 1 January 1946 – 31 October 2002. (Doc 9813)***

Volume I — *Agreements and Arrangements which are still in force.*

Volume II — *Agreements and Arrangements which are no longer in force.*

This document contains in table form a list of the multilateral and bilateral aeronautical agreements and arrangements registered with ICAO. Each table includes, when available, references to the subject matter of the agreement, the date of signature, the date of entry into force and the ICAO and UN registration numbers. The accuracy and completeness of this record depends on the information provided by States.

2002. 778 pp.

English only

Order No. 9813

\$397.00

***Rules for Registration with ICAO of Aeronautical Agreements and Arrangements. (Doc 6685)***

2nd edition, 2004.

Reprinted August 2004. 8 pp.

E, A, C, F, R, S

ISBN 92-9194-264-2

Order No. 6685

\$10.00

**Group 304    Guidance Material**

***Guidance Material on the Legal Aspects of Unruly/Disruptive Passengers. (Cir 288)***

This circular is intended to facilitate the implementation of Resolution A33-4 of the 33rd Session of the ICAO Assembly: *Adoption of national legislation on certain offences committed on board civil aircraft (unruly/disruptive passengers)*. The material covers three major aspects of the unruly passenger problem: the list of specific offences for inclusion in national law, extension of jurisdiction over such offences, and appropriate legal mechanisms available for addressing them. Resolution A33-4 and the model legislation are included in the circular.

2002. 18 pp.

E, A, F, R, S

Order No. CIR288

\$12.00

***Guidance on the Implementation of Article 83 bis of the Convention on International Civil Aviation. (Cir 295)***

This circular is aimed at assisting Contracting States in developing appropriate policies with respect to the implementation of Article 83 *bis* of the *Convention on International Civil Aviation* (Chicago, 1944), which entered into force on 20 June 1997. It is intended to provide better regulation and oversight over air safety regarding international lease, charter or interchange of aircraft. This material comprises, inter alia, background information on the subject, as well as Guidelines and a Model Agreement for the implementation of Article 83 *bis*.

2003. 52 pp.

E, F, R, S

ISBN 92-9194-027-5

Order No. CIR295

\$29.00

## Miscellaneous Publications

*Information of a more general nature, for both Contracting States and the general public, on the activities of the Organization.*

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### GENERAL

#### Group 305

##### ***International Civil Aviation Vocabulary. (Doc 9713)***

This second edition contains definitions newly approved by the ICAO Council as well as those amended over the past three years. It also incorporates new terms (with or without definitions), titles of panels of experts and the names of international organizations cooperating with ICAO.

English terms are used as the starting point in the body of the text, with a numerical identifier to allow for consultation from another language.

Organizational charts of the ICAO Secretariat in English, French, Russian and Spanish are included to facilitate a search for administrative units.

2nd edition, 2001. Parts 1 and 2. 1 472 pp.

Quadrilingual: E/F/S/R

**Order No. 9713**

**\$250.00**

*Note.—This edition of the Vocabulary is available on CD-ROM. See Electronic Publications section.*

#### Group 306

##### ***Repertory-Guide to the Convention on International Civil Aviation. (Doc 8900)***

This is a repertory of practice of the Organization concerning the application and interpretation of the Chicago Convention. It provides an article-by-article guide to Assembly resolutions and decisions of the Council and its subordinate bodies, evidencing how certain articles of the Convention have been interpreted and applied in the period from the inception of ICAO until mid-1976.

2nd edition, 1977.

Reprinted September 2000. 490 pp.

E, F, S

**Order No. 8900**

**\$250.00**

### PUBLIC INFORMATION

#### Group 310

##### ***ICAO Journal.***

The *ICAO Journal* is published six times annually in separate English, French and Spanish editions. It contains a concise account of activities of the Organization, with the addition of information of general interest to Contracting States and to the aeronautical world. Published since November 1946.



## Miscellaneous Publications

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Single copies	ISSN 1014-8876	<b>Order No. 310019</b>	
Surface mail			<b>\$10.00</b>
Airmail			<b>\$10.00</b>
Annual subscription	ISSN 1014-8876		
Surface mail		<b>Order No. 3101-S</b>	<b>\$25.00</b>
Airmail		<b>Order No. 3101-A</b>	<b>\$35.00</b>

Also available online in English, French, Spanish and Russian at [www.icao.int](http://www.icao.int).

<b>Group 312</b>
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**Publications Available Free on Request**

***Catalogue of ICAO Publications and Audio-visual Training Aids — 2006 Edition.***

148 pp.			
E, F, R, S	ISBN 92-9194-639-7	<b>Order No. 312056</b>	free on request
	ISSN 1726-877X		

## THE INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)

### ***ICAO Flag.***

The flag was created specially to mark ICAO's 50th Anniversary and was flown officially for the first time on 7 December 1994 at ICAO Headquarters, Montreal. The ICAO flag bears the blue and white colours of the United Nations, as well as its depiction of the land masses of the earth, enveloped by two olive branches symbolizing peace. To these symbols of the United Nations, ICAO added the wings which have come to symbolize how international civil aviation helps to bring the peoples of the world together in the pursuit of peace.

In order to ensure the proper use of the ICAO flag, the ICAO Flag Code and Regulations are included in the purchase price of the flag.

1.80 m × 1.20 m (6 ft × 4 ft)	<b>Order No. FLAG</b>	<b>\$40.00</b>
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ICAO ONLINE  
[www.icao.int](http://www.icao.int)

***Aviation Training Directory.***

Over 320 training institutions worldwide — covering all fields of civil aviation training — are listed in this directory. It is a searchable database containing contact and course details. It is accessible at <http://www.icao.int/td> and is updated frequently. Training institutions not yet listed in the directory may send a request to: [training.directory@icao.int](mailto:training.directory@icao.int).

E, F, S

Free

***Directory of National Civil Aviation Administrations.***

ICAO has developed an electronic database of information on national civil aviation administrations from around the world, based on information received from ICAO's Contracting States. Access to this online directory is by subscription only. If you wish to subscribe, please complete the order form at the back of this Catalogue.

English only

**Order No. 7604-E**

**\$150.00/year**

For additional information, please contact the database administrator at [dgca@icao.int](mailto:dgca@icao.int).

***Making an ICAO Standard.***

The process of creating and modernizing Standards and Recommended Practices is explained in detail on the web page at <http://www.icao.int/anb/mais>. A related item, Poster P715 (for sale only), illustrates the complex process in the form of a flowchart.

E, A, C, F, R, S

Free

***Civil Aviation Statistics.***

Civil aviation statistics collected by ICAO can be accessed online by purchasing an annual subscription to one or more of the data series distributed by ICAO through its commercial website. For more information and/or to sign on for a free trial, interested users should go to <http://www.icaodata.com>, a website developed in cooperation with and managed by Reed Business Information Ltd. (RBI) trading as Air Transport Intelligence (ATI).

For further details on technical matters, contact:

Statistics Section  
International Civil Aviation Organization  
999 University Street  
Montréal, Quebec, Canada H3C 5H7  
Telephone: +1 (514) 954-8219 ext. 6292  
Fax: +1 (514) 954-6744  
**E-mail: [sta@icao.int](mailto:sta@icao.int)**

A brief description of the contents of each of the data series is provided below. Please note that each series contains only data reported to ICAO by its Contracting States.

### Air Navigation Services

#### *Air Navigation Services — Financial Data*

Covers on an annual basis (calendar or fiscal year) income, expenses and investments for air traffic control centres.

#### *En-route Traffic*

Shows on a yearly basis the number of overflights handled by the reporting control centre(s).

### Airports

#### *Airport — Financial Data*

Covers on an annual basis (calendar or fiscal year) income, expenses and investments for major international airports.

#### *Airport — Traffic*

Covers monthly or annual traffic data for major international airports. The data consist of aircraft movements, number of passengers embarked and disembarked, and tonnes of freight and mail loaded and unloaded.

### Civil Aircraft on Register

#### *Civil Aircraft on Register*

Contains the number of civil aircraft on the register of a State at the end of the year. The data shown for commercial and other operators are classified by the type of wing (fixed or rotary), type of propulsion used (jet, turboprop or piston) and the number of engines. Aircraft with a maximum certificated take-off mass (MCTOM) of over 9 tonnes are identified by type and model.

More detailed information on individual civil aircraft on the national registers may be found on the website of the International Register of Civil Aircraft (IRCA), with whom ICAO cooperates, at <http://www.aviation-register.com>.

### Commercial Air Carriers

#### *Commercial Air Carriers — Financial Data*

Shows the financial data for international scheduled airlines, giving revenues and expenditures for the year (calendar or fiscal), assets and liabilities at the end of the year and retained earnings, as well as summary traffic data.

#### *Commercial Air Carriers — Fleet*

Covers the fleet data of international and domestic scheduled airlines as well as non-scheduled operators. The data consist of statistics on the number and types of aircraft operated, their capacity and their utilization.

#### *Commercial Air Carriers — Personnel*

Covers the personnel data of international and domestic scheduled airlines as well as non-scheduled operators. The data consist of statistics on the number of airline personnel by job category and the annual expenditures for these personnel.

#### *Commercial Air Carriers — Traffic*

Contains, either on a monthly or annual basis, operational, traffic and capacity statistics of both international and domestic scheduled airlines as well as non-scheduled operators. Where applicable, the data are for all services (passenger, freight and mail) with separate figures for international and domestic flight stages, for scheduled and non-scheduled operations, and for all-freight services.

***On-flight Origin and Destination — OFOD***

Shows on an aggregate basis the number of passengers, and freight and mail tonnes carried between all international city-pairs on scheduled services. These data are collected on a quarterly basis but, due to confidentiality restrictions, can only be shown 12 months after the end of each reporting period.

***Traffic by Flight Stage — TFS***

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***Fire Prevention — The Nature of Fire***

Three elements are essential for a fire: oxygen, ignition temperature and fuel. Animation and laboratory demonstrations are used to show that any fire can be controlled by the elimination of any one of those three elements. Flash point, ignition temperature and self-ignition temperature are among the topics discussed. This video will find application in almost any training or safety-related programme in the aviation industry.

1958. 15 minutes.

E, F, S	NTSC	<b>Order No. V73 B</b>	<b>\$72.00</b>
	PAL	<b>Order No. V73 C</b>	<b>\$96.00</b>



## Audio-visual Training Aids

### **Fire Prevention — Know Your Fire Hazards**

This video is a companion to *Fire Prevention — The Nature of Fire* [V73] and is designed to make personnel fire-conscious. It will give them a better understanding of the fire characteristics of materials used and handled daily. The need to learn safe handling and to avoid carelessness is stressed.

1958. 19 minutes.

E, F, S

NTSC

PAL

Order No. V76 B

\$80.00

Order No. V76 C

\$104.00

### **Operation Bird Strike**

This video and the *Airport Services Manual* (Doc 9137), Part 3 — *Bird Control and Reduction*, provide valuable aid to airport operators by making recommendations and demonstrating techniques for bird control. This video will also be useful in briefing conservation groups and others who should be aware of the problem.

1973. 30 minutes.

E, F, S

NTSC

PAL

Order No. V607 B

\$80.00

Order No. V607 C

\$104.00

### **Red Alert**

This video contains guidelines for the establishment and maintenance of training programmes for aerodrome rescue and fire fighting crews.

1979. 16 minutes.

E, F, S

NTSC

PAL

Order No. V625 B

\$80.00

Order No. V625 C

\$104.00

### **T-VASIS Landing System**

This video explains the installation and operation of the T-VASIS landing system, including the method of interpretation for landing large or long-bodied aircraft.

1973. 14 minutes.

E, F, S

NTSC

PAL

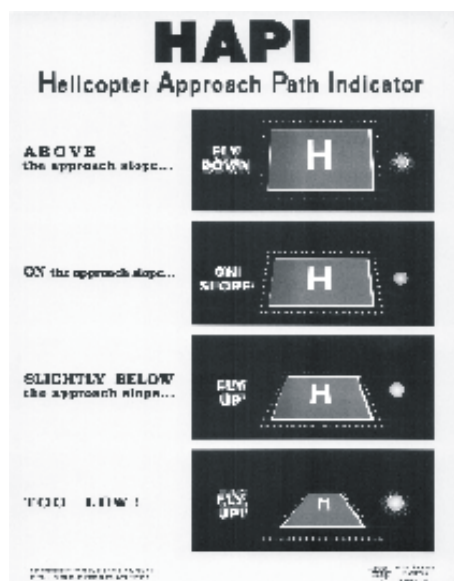
Order No. V559 B

\$72.00

Order No. V559 C

\$96.00

## POSTERS



### **Helicopter Approach Path Indicator**

This poster describes the signals of the single unit visual helicopter approach slope indicator system. Based on the specifications of Annex 14 — *Aerodromes*, Volume II — *Heliports*, this poster is most appropriate for helicopter pilots.

1992. 46 × 61 cm.

E, F, S

Order No. P698

\$10.00



### ***Taxiing Guidance Signs***

#### **Information Signs.**

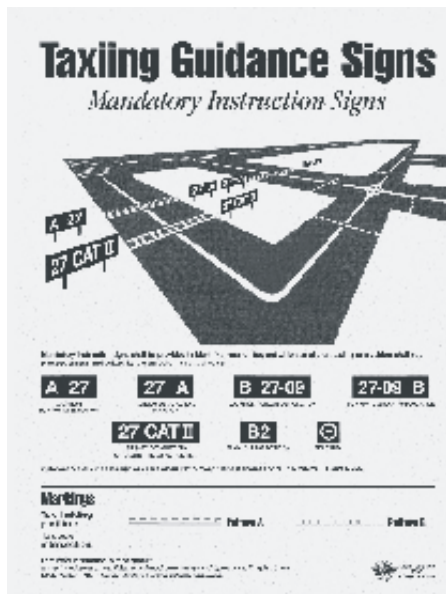
This poster, based on the specifications of Annex 14 — *Aerodromes*, Volume I — *Aerodrome Design and Operations*, Chapter 5, shows the characteristics and location of taxiing guidance signs on the aerodrome.

1996. 46 × 61 cm.

E, F, R, S

**Order No. P709**

**\$10.00**



### ***Taxiing Guidance Signs***

#### **Mandatory Instruction Signs.**

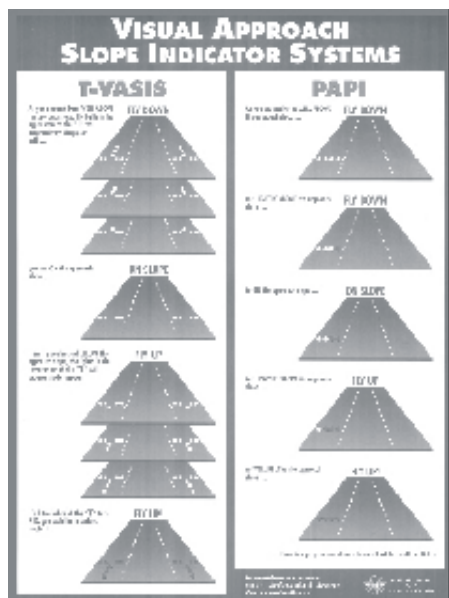
This poster, based on the specifications of Annex 14 — *Aerodromes*, Volume I — *Aerodrome Design and Operations*, Chapter 5, shows the characteristics and location of taxiing guidance signs on the aerodrome.

1996. 46 × 61 cm.

E, F, R, S

**Order No. P708**

**\$10.00**



### Visual Approach Slope Indicator Systems

This poster describes the various signals for approach slope indicator systems and is based on the specifications of Annex 14 — *Aerodromes, Volume I — Aerodrome Design and Operations*, Chapter 5.

1996. 46 × 61 cm.

E, F, R, S

Order No. P711

\$10.00

## ATM — AIR TRAFFIC MANAGEMENT

### VIDEOS

#### Caution: Wake Turbulence

This video is designed to familiarize the general aviation community with the hazard of wake turbulence and includes footage of actual vortex encounters shot during flight tests.

1970. 17 minutes.

E, F, S

NTSC

PAL

Order No. V544 B

\$80.00

Order No. V544 C

\$104.00

#### Go for Control: The Elements of Ground Control

The subject matter of this video is directed at aerodrome and ground controllers and contains three dramatized incidents based on facts where distractions contributed to breakdowns in communications and coordination. This aid is suitable for initial or refresher training.

1986. 14 minutes.

E, F

NTSC

PAL

Order No. V658 B

\$72.00

Order No. V658 C

\$96.00

#### Separation Between Aircraft: Aerodrome Traffic (VMC)

This programme is suitable for the novice pilot or the controller-in-training. It includes the basic procedures used in visual meteorological conditions for traffic control and separation between aircraft on and in the vicinity of the aerodrome.

1990. 20 minutes.

E, F, S

NTSC

PAL

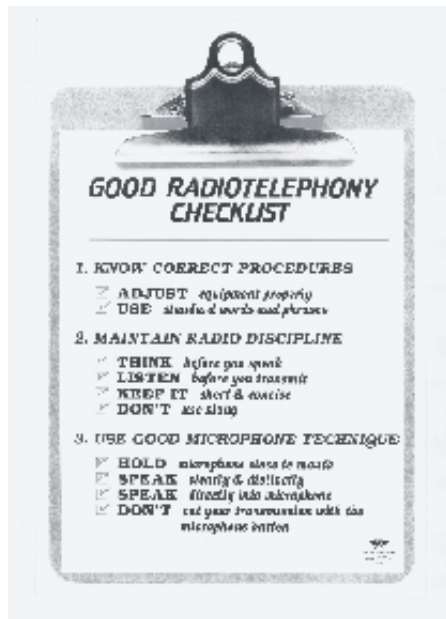
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\$80.00

Order No. V679 C

\$104.00

## POSTERS

**Good Radiotelephony Checklist**

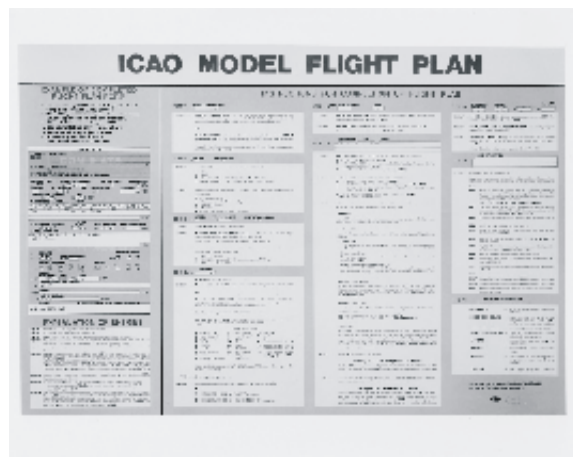
This poster provides a checklist for proper radiotelephony procedure.

1983. 41 × 61 cm.

E, F, S

Order No. P637

\$10.00

**ICAO Model Flight Plan**

This poster is a summary of the information contained in the PANS-ATM (Doc 4444), Appendix 2.

1985. 93 × 61 cm.

E, F, S

Order No. P656

\$10.00

This poster depicts the light signals presented in Annex 2

1980. 46 × 61 cm.

E, F, S                      **Order No. P617**                      **\$10.00**

**\$10.00**

This poster depicts the search and rescue signals

1982. 61 × 46 cm.

E, F, R, S	Order No. P636	\$10.00
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**\$10.00**

This video clarifies the relationship of altitude, height and flight level. It explains altimeter settings and corrections,

1990. 20 minutes.

E, F, S	NTSC	Order No. V684 B	\$80.00
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**\$80.00**

**\$104.00**

**CFIT Awareness and Prevention**

This video, which is part of the ICAO and Industry CFIT Task Force Programme for the prevention of CFIT, examines three CFIT accidents and presents cockpit voice recorder data and simulations to illustrate accident reduction strategies. It also demonstrates the use of the CFIT checklist.

The English version of this video can be ordered from the Flight Safety Foundation (FSF) by accessing their Web page at [www.flightsafety.org/ecommerce](http://www.flightsafety.org/ecommerce).

Address:

Flight Safety Foundation  
601 Madison Street, No. 300  
Alexandria, VA 22314  
Telephone: +1 (703) 739-6700  
Fax: +1 (703) 739-6708

A related training aid, CD-ROM 725281 *Controlled Flight Into Terrain*, Education and Training Aid, contains the English narrative of the video.

2001. 33 minutes.

A, C, F, R, S

NTSC  
PAL

**Order No. V712 B**

**\$60.00**

**Order No. V712 C**

**\$88.00**

**POSTERS****Aircraft Ground De/Anti-icing**

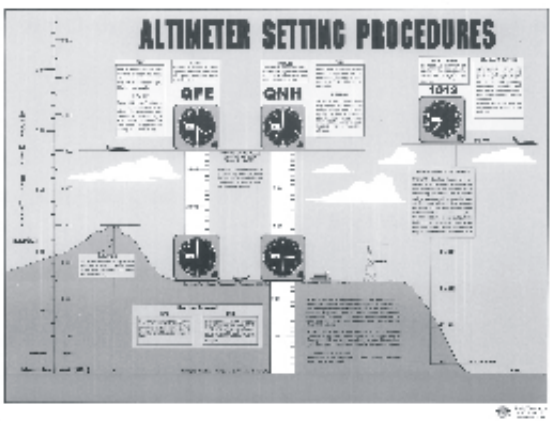
This poster alerts flight crew and other operational personnel to the potential risks of winter operations and supports situational awareness regarding aircraft ground de-icing/anti-icing. It promotes the application of the *Clean Aircraft Concept* by displaying six major checkpoints of necessary action to ascertain a clean aircraft before attempting take-off.

1996. 61 × 46 cm.

E, F, R, S

**Order No. P706**

**\$10.00**

**Altimeter Setting Procedures**

This poster depicts the relationships between QFE, QNH, flight levels, altitude, height, elevation, etc.

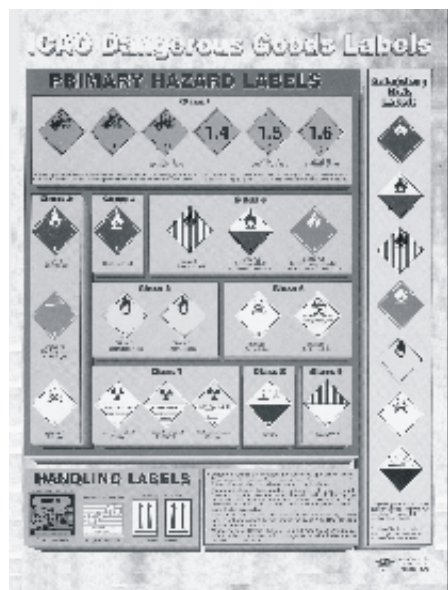
1984. 61 × 46 cm.

E, F, S

**Order No. P640**

**\$10.00**





### ICAO Dangerous Goods Labels

This poster is a useful supplement to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284). A copy of this poster has been incorporated in each book of the *Dangerous Goods Training Programme* (Doc 9375).

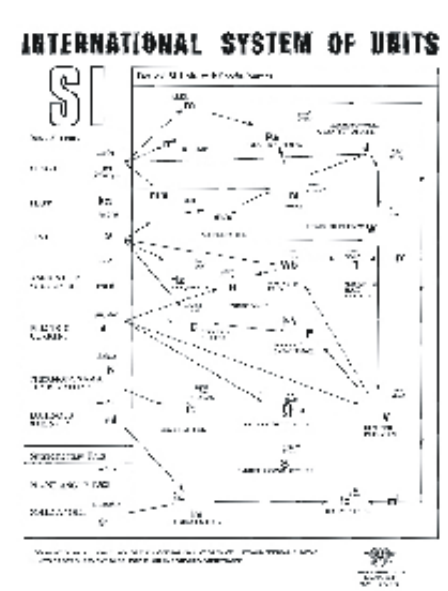
1995. 22 × 28 cm.

Reprinted May 1998.

E, F, R, S

Order No. P675

\$38.00 (lot of 10)



### International System of Units (SI)

This poster depicts the International System of Units (SI), a measurement system involving base units, supplementary units and derived units.

1982. 46 × 61 cm.

E, F, R, S

Order No. P633

\$10.00

## MET — METEOROLOGY

### VIDEOS

#### *The Meteorological Report for Take-off and Landing*

This video shows how a meteorological observer obtains and reports the data in the standardized format of the MET Report.

1996. 27 minutes.

E, F, R, S

NTSC

PAL

Order No. V704 B

\$80.00

Order No. V704 C

\$104.00

**Volcanic Ash Avoidance**

Originally produced by the Boeing Airplane Company, this video describes the potential dangers to aircraft operating near volcanic ash clouds. Ash cloud avoidance procedures are outlined and generally recommended procedures are given in the event of an inadvertent encounter. The French and Spanish language versions have been prepared by ICAO.

1993. 33 minutes.

E, F, R, S

NTSC

PAL

Order No. V703 B

\$88.00

Order No. V703 C

\$112.00

**The Wind Shear Factor**

This video is a follow-up to the video presentation *Wind Shear — The Probable Cause* [V645], reflecting the latest information on the detection of wind shear. It provides a graphic example of the effect of wind shear on a large aircraft.

1985. 21 minutes.

E, F, S

NTSC

PAL

Order No. V647 B

\$80.00

Order No. V647 C

\$104.00

**Wind Shear — The Probable Cause**

This information video on wind shear is of value to all pilots and air traffic controllers. The video covers causes and methods of detection, with some discussion of technique. For complete coverage, *The Wind Shear Factor* [V647] should be viewed after this video's screening.

1983. 27 minutes.

E, F, S

NTSC

PAL

Order No. V645 B

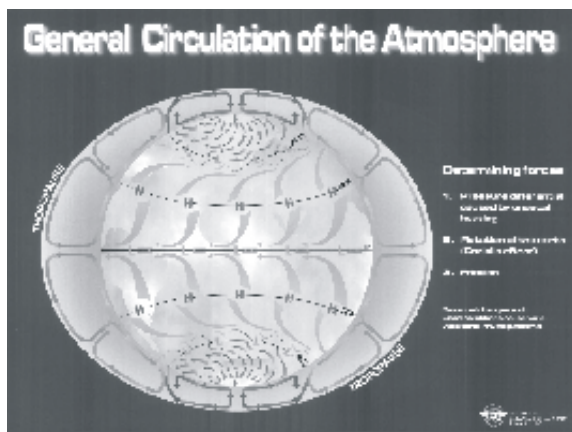
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Order No. V645 C

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**POSTERS****Aviation Weather — Poster Series**

This series of six posters illustrates and explains basic meteorological concepts. Each poster can be purchased separately; if the entire six-poster series is ordered, the purchase price is **\$38.00 (Order No. 735198)**.

**General Circulation of the Atmosphere**

(previous title: Basic Atmospheric Circulation)

This poster illustrates the fundamental features of the general circulation of the Earth's atmosphere.

1988. 61 × 46 cm.

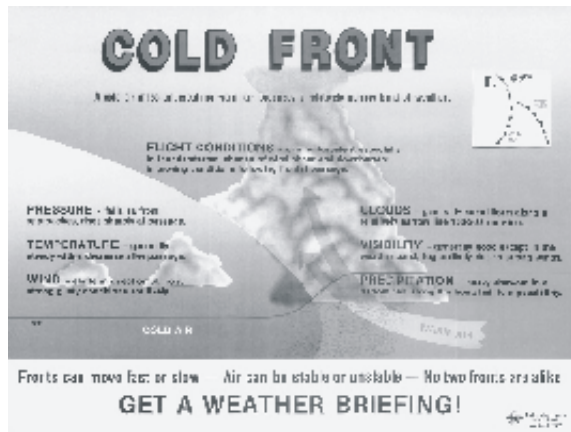
Reprinted September 2002.

E, F, S

Order No. P654

\$10.00





### **Cold Front**

The weather around a typical cold front is illustrated. Hazardous flying conditions, particularly turbulence and downbursts often associated with the cold front, are highlighted.

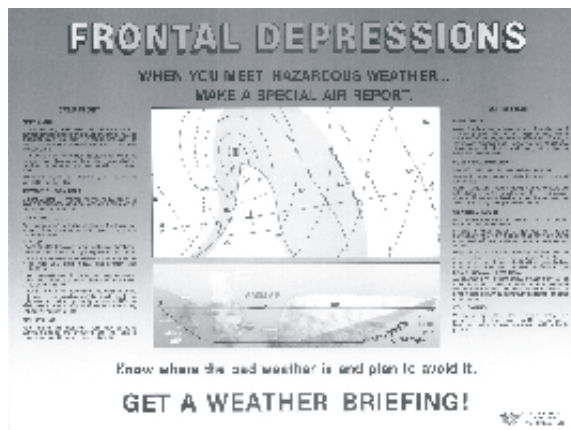
1987. 61 × 46 cm.

Reprinted July 2003.

E, F, S

**Order No. P663**

**\$10.00**



### **Frontal Depressions**

This poster describes the weather and flying conditions found in and around frontal depressions and stresses the need for pre-flight briefing prior to flying in the vicinity of such depressions.

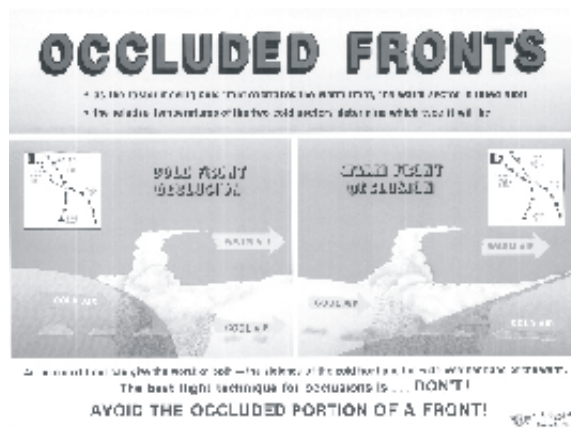
1988. 61 × 46 cm.

Reprinted November 1998.

E, F, S

**Order No. P666**

**\$10.00**



### **Occluded Fronts**

The two types of occluded fronts are illustrated, and the flying conditions normally associated with them are described, with particular emphasis on hazardous conditions.

1988. 61 × 46 cm.

Reprinted September 1998.

E, F, S

**Order No. P665**

**\$10.00**

[illegible]

This poster highlights and describes various symbols and features found on a weather map.

E, F, S

**\$10.00**



1988. 61 × 46 cm.

Reprinted March 2000.

E, F, S

**Order No. P664**

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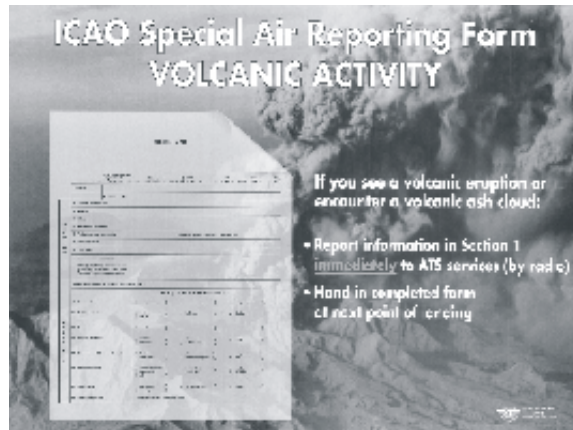


1982. 46 × 61 cm.

E, F, S

**Order No. P621**

**\$10.00**



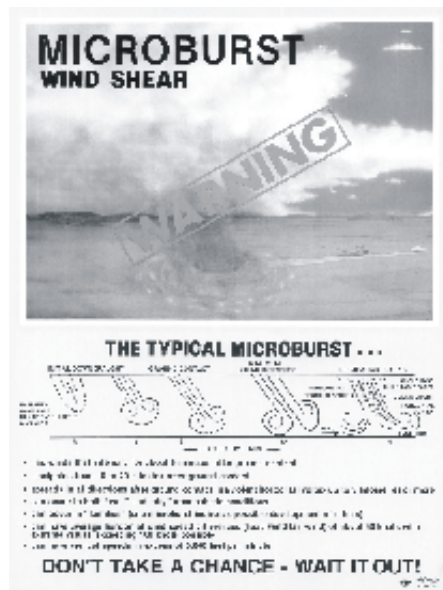
**ICAO Special Air Reporting Form — Volcanic Activity**  
This poster provides reporting instructions and illustrates a sample Special Air Reporting Form.

1994. 61 × 46 cm.

E, F, R, S

**Order No. P702**

**\$10.00**



### **Microburst — Wind Shear**

This poster describes and illustrates many of the characteristics of a typical microburst wind shear.

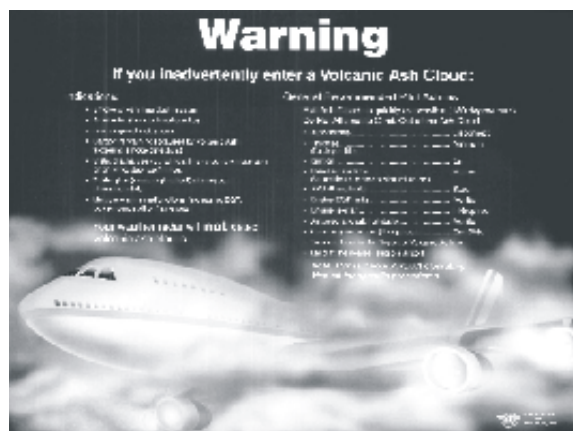
1990. 46 × 61 cm.

Reprinted April 1997.

E, F, S

**Order No. P686**

**\$10.00**



### **Warning — If you inadvertently enter a Volcanic Ash Cloud**

This poster outlines indications and generally recommended pilot actions in the event of an inadvertent encounter with a volcanic ash cloud.

1994. 61 × 46 cm.

Reprinted February 2002.

E, F, R, S

**Order No. P701**

**\$10.00**

**Windshear — Microburst**

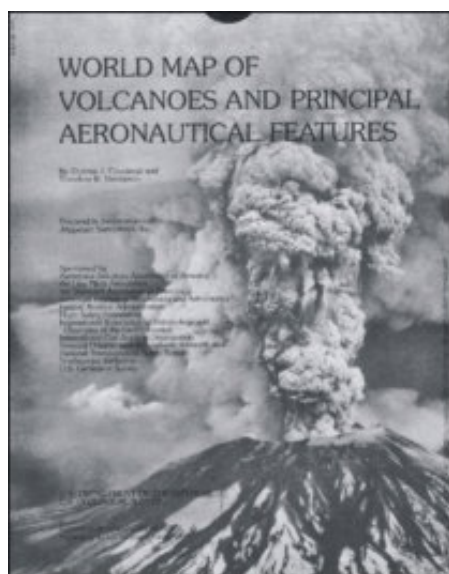
This poster stresses that avoidance is the best technique when it comes to microburst wind shear.

1988. 46 × 61 cm.

E, F, S

**Order No. P683**

**\$10.00**

**World Map of Volcanoes and Principal Aeronautical Features**

This world map is published by the United States Geological Survey and was prepared in cooperation with Jeppesen Sanderson, Inc., ICAO and other organizations. It shows the locations of 1 330 active volcanoes together with selected aeronautical navigation aids and great-circle routes. The purpose of the map is to provide information and increase awareness about the close relationship between volcanoes and aviation operations.

1999.

Map in English; Explanatory text in Spanish, French and Russian provided in accompanying booklet.

**Order No. GP1011**

**\$12.00**

**THE INTERNATIONAL CIVIL AVIATION ORGANIZATION****VIDEOS*****The Bridge Builders***

This 15-minute video was produced to mark the 50th Anniversary of the signing of the Convention on International Civil Aviation on 7 December 1944 in Chicago. The video briefly traces the history of manned flight and the deliberations of the Chicago Conference. It demonstrates how ICAO's objectives are realized through its policy making and administrative bodies which establish standards and procedures to be followed uniformly in all its Contracting States.

1994. 15 minutes.

E, A, C, F, R, S

NTSC

PAL

**Order No. V682 B**

**\$40.00**

**Order No. V682 C**

**\$40.00**

## Audio-visual Training Aids

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### ***The Bridge Builders — Stories from the Field***

This is an expanded version of “The Bridge Builders”, emphasizing footage and interviews relating to ICAO’s technical cooperation projects.

1994. 27 minutes.

E, F, S

NTSC

PAL

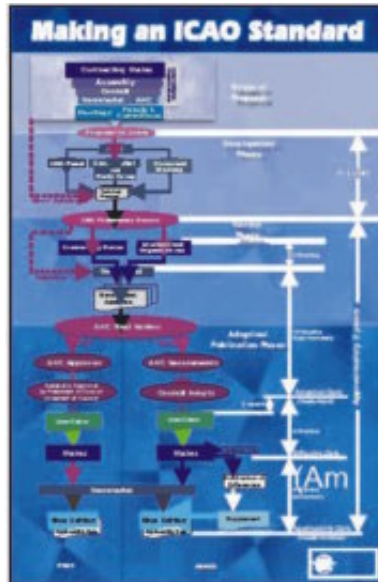
**Order No. V648 B**

**\$48.00**

**Order No. V648 C**

**\$48.00**

## POSTERS



### ***Making an ICAO Standard***

This flowchart depicts the process of making and maintaining the Standards and Recommended Practices for international civil aviation. A related Web page explains in detail the process of making Standards; it is available free at <http://www.icao.int/anb/mais>.

2003. 30 × 46 cm.

E, A, C, F, R, S

**Order No. P715**

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