

Catalogue of ICAO Publications and Audio-visual Training Aids

2001 Edition



*Published in separate English, French, Russian and Spanish editions
by authority of the Secretary General of the International Civil Aviation Organization*

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The publications and audio-visual training aids listed in this Catalogue are subject to the Agreement on the Importation of Educational, Scientific and Cultural Materials (Florence, 1950), and to the Protocol to the Agreement on the Importation of Educational, Scientific and Cultural Materials (Nairobi, 1976).

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GENERAL INFORMATION

WHERE TO BUY ICAO PUBLICATIONS AND AUDIO-VISUAL TRAINING AIDS

ICAO Headquarters

International Civil Aviation Organization
(Attention: Document Sales Unit)
999 University Street
Montreal, Quebec, Canada
H3C 5H7

Document Sales Unit:
Telephone: +1 (514) 954-8022
Facsimile: +1 (514) 954-6769
Sitatex: YULADYA
Telex: 05-24513
E-mail: sales_unit@icao.int
World Wide Web: <http://www.icao.int>

ICAO Regional Offices

Egypt

ICAO Regional Director, Middle East Office
Egyptian Civil Aviation Complex
Cairo Airport Road, Heliopolis
Cairo 11776
Telephone: +20 (2) 267-4840
Facsimile: +20 (2) 267-4843
Sitatex: CAICAYA
E-mail: icao@idsc.gov.eg

France

Directeur régional de l'OACI, Bureau Europe
et Atlantique Nord
3 bis, villa Emile-Bergerat
92522 Neuilly-sur-Seine (Cedex)
Telephone: +33 (1) 46 41 85 85
Facsimile: +33 (1) 46 41 85 00
Sitatex: PAREUYA
E-mail: icaoournat@paris.icao.int

Kenya

ICAO Regional Director, Eastern and
Southern African Office
United Nations Accommodation
P.O. Box 46294
Nairobi
Telephone: +254 (2) 622-395
Facsimile: +254 (2) 623-028
Sitatex: NBOCAYA
E-mail: icao@icao.unon.org

Mexico

Director Regional de la OACI, Oficina
Norteamérica, Centroamérica y Caribe
Masaryk No. 29 — 3er. piso
Col. Chapultepec Morales
México, D.F. 11570
Telephone: +52 (5) 250-3211
Facsimile: +52 (5) 203-2757
Sitatex: MEXCAYA
E-mail: icao_nacc@un.org.mx

Peru

Director Regional de la OACI, Oficina Sudamérica
Apartado 4127
Lima 100
Telephone: +51 (1) 302260
Facsimile: +51 (1) 640393
Sitatex: LIMCAYA
E-mail: mail@lima.icao.int

Senegal

Directeur régional de l'OACI, Bureau Afrique
occidentale et centrale
Boîte postale 2356, Dakar
Telephone: +221 823-54-52
Facsimile: +221 823-69-26
Sitatex: DKRCAYA
E-mail: icaodkr@icao.sn

Thailand

ICAO Regional Director, Asia and Pacific Office
P.O. Box 11, Samyaek Ladprao
Bangkok 10901
Telephone: +66 (2) 537-8189
Facsimile: +66 (2) 537-8199
Sitatex: BKKCAYA
E-mail: icao@bangkok.icao.int

Sales Agents

India

Oxford Book and Stationery Co.
Scindia House, New Delhi 110001 or
17 Park Street, Calcutta 700016
Telephone: +91 (11) 331-5896
Facsimile: +91 (11) 332-2639

Japan

Japan Civil Aviation Promotion Foundation
15-12, 1-chome
Toranomon, Minato-Ku, Tokyo
Telephone: +81 (3) 3503-2686
Facsimile: +81 (3) 3503-2689

Russian Federation

Aviaizdat
48, 1. Franko Street
Moscow 121351
Telephone: +7 (095) 417-0405
Facsimile: +7 (095) 417-0254

Slovakia

Air Traffic Services of the Slovak Republic
Letové prevádzkové služby Slovenskej Republiky
State Enterprise
Letisko M.R. Štefánika
823 07 Bratislava 21
Slovak Republic
Telephone: +421 (7) 4857 1111
Facsimile: +421 (7) 4857 2105

South Africa

Avex Air Training (Pty) Ltd.
Private Bag X102
Halfway House, 1685
Johannesburg, Republic of South Africa
Telephone: +27 (11) 315-0003/4
Facsimile: +27 (11) 805-3649
E-mail: avex@iafrica.com

GENERAL INFORMATION

Spain

A.E.N.A. (Aeropuertos Españoles y Navegación Aérea)
Calle Juan Ignacio Luca de Tena, 14
Planta Tercera, Despacho 3.11
28027 Madrid
Telephone: +34 (91) 321-3148
Facsimile: +34 (91) 321-3157
E-mail: sssc.ventasoci@aena.es

United Kingdom

Westward Documedia
37 Windsor Street
Cheltenham, Glos. GL52 2DG
Telephone: +44 (1242) 235-151
Facsimile: +44 (1242) 584-139

ABOUT THE CATALOGUE

This Catalogue contains the titles and prices of all ICAO salable publications and audio-visual training aids, and details of some of the publications offered free on request, available as of 1 January 2001.

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.

MONTHLY SUPPLEMENTS

The Catalogue is kept up to date by monthly supplements which list new publications and audio-visual training aids as they become available, as well as amendments, supplements, corrigenda, etc. Please write

to the Document Sales Unit if you wish to be included on ICAO's regular mailing list or check the appropriate box on the order form or the standing order form.

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 upon request. Holders of these publications should write to ICAO whenever they wish to receive amendments, supplements, or corrigenda; their publication is announced regularly in monthly 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.

STANDING ORDER SERVICE

Recurrent publications can be ordered by standing order. Through this service, publications and their amendments are automatically sent as they become available, guaranteeing immediate shipment of new editions, new titles and amendments.

Standing orders can be established for all ICAO publications, groups of publications on the same subject or for individual titles.

The titles listed in this Catalogue have been grouped by subject. In a box to the left of each group appears a publication group number, to be used to order all the publications listed under that number. Frequently requested publications have been assigned individual publication group numbers. One needs only to indicate the publication

group number (rather than the title or order number) when placing a standing order for any publication or group of publications that have been assigned a publication group number. Individual titles without individual publication group numbers can also be ordered by standing order, simply by indicating the order number.

Please use the **standing order form** provided in this Catalogue. It is necessary to have a deposit account in order to establish a standing order. Information on deposit accounts and a **deposit account request form** can be found on Pages vii and viii.

Note.— The standing order service is not available for audio-visual training aids.

ORDERING AUDIO-VISUAL TRAINING AIDS

Training aids in this Catalogue are for sale only. ICAO Headquarters in Montreal 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:

International Civil Aviation Organization
Chief, Personnel Licensing and Training Section
999 University Street
Montreal, Quebec, Canada, H3C 5H7

Make sure you provide all necessary information on your order. Specify title, order number and language desired.

When ordering videos, you must specify the format you require (NTSC or PAL).

Allow 6 to 8 weeks for the production of videos and the preparation for dispatch (videos are not kept in stock).

PAYMENT INSTRUCTIONS

Prices in this Catalogue are stated in **United States dollars** and are subject to change without notice. Changes are advertised in the monthly supplements. Saleable items are sold on the basis of **full payment in advance** with an order (minimum value U.S.\$7.00) or against a **prepaid deposit account** opened with the Organization (see page viii). A deposit account greatly facilitates the processing of orders and is a prerequisite for standing orders.

Payment for orders placed with ICAO Headquarters in Montreal should be in **United States dollars** and can be made by international bank draft or money order, or by cheque drawn on a bank located in Canada or the United States and made payable to ICAO. Payment directly to ICAO's bank account can be made as follows:

Pay to: //CC000305101
Royal Bank of Canada
St. Catherine & Stanley Branch
Montreal, Quebec
Canada

For credit to: 05101 404 6 843
ICAO General Fund

Customers arranging a bank transfer payment should ensure that: a) the order is sent separately to ICAO by mail, fax or e-mail, and b) all charges by the remitting and intermediate banks are paid by the **remitter** (customer); an amount of **U.S.\$10.00** should be added to the bank payment to cover charges by ICAO's bank. Details of payment, customer's name and address should be provided to ICAO's bank to expedite action.

American Express, MasterCard and VISA credit cards are also accepted for orders placed with ICAO Headquarters (minimum U.S.\$20.00); details required for charges are the cardholder's name, account number and card expiry date. UNESCO coupons, obtainable from UNESCO offices and outlets, can also be used for payment of orders.

Payment for orders placed with an ICAO Regional Office should be made in United States dollars or in the currency of that office.

SHIPPING CHARGES

Shipping charges apply as follows:

Printed publications: Prices include the cost of surface mailing, as printed matter, from ICAO Headquarters and from ICAO Regional Offices.

Audio-visual training aids and electronic format: Prices include the cost of delivery by "best method air", as determined by ICAO.

Order forms are provided in this Catalogue with instructions for calculating shipping charges.

It should be noted that all local delivery and customs clearing charges, if any, shall be borne by the purchaser.

Allow 6-8 weeks for delivery. All prices are subject to change without prior notice.

DEPOSIT ACCOUNT — CONDITIONS

1. The **minimum deposit level** is U.S.\$200.00 for a prepaid deposit account. This can be opened by a written request specifying the name and address of the account holder and accompanied by appropriate payment. A higher operational level of funds would be required depending on activity and if the account becomes overdrawn.
 2. Most importantly, **the account must have sufficient funds at all times** to cover charges, particularly for standing orders. Insufficient funds could result in orders not being processed and prepayment of the related cost being requested. Accounts may be replenished either by lump sum deposit or payment of individual invoices upon receipt.
 3. The deposit account is assigned a customer/account number which must **always** be stated on all orders, payments and correspondence. Omission of the reference could result in delay in processing an order or in a request for prepayment of the cost of an order.
 4. A monthly statement of account is mailed only if there has been activity during the month. Any change or discrepancy should be notified to the Organization promptly. The account should be monitored to ensure adequacy of funds and accuracy of transactions. Statements and invoices are expressed in United States dollars.
- A deposit account request form is provided on page viii.

DEPOSIT ACCOUNT REQUEST FORM

ICAO's policy requires sales to be on a cash-with-order basis. To facilitate purchases of ICAO salable items, ICAO allows customers the option of making purchases against a prepaid deposit account, opened under the conditions stipulated in this Catalogue, with a minimum initial deposit of U.S.\$200.00. As the cost of an order is deductible from funds in such an account, customers need only to order by telephone, facsimile or e-mail to receive prompt service.

Date: _____

To: International Civil Aviation Organization
Attention: Document Sales Unit
999 University Street
Montreal, Quebec, Canada
H3C 5H7

Enclosed is an initial deposit of U.S.\$ _____ (cheques or money orders should be drawn on a bank located in Canada or the United States and made payable to ICAO) to open a deposit account.
OR

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American Express Mastercard Visa

Card number: _____

Expiry date: _____

Cardholder's name: _____

Signature: _____

Please establish the account as follows (please print):

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Contact: _____

Address: _____

Telephone: _____

Facsimile: _____

E-mail: _____



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To: International Civil Aviation Organization
Attention: Document Sales Unit
999 University Street
Montreal, Quebec, Canada
H3C 5H7

Date: _____

Ref.: _____

Office use
Customer no.: _____
Order no.: _____

Please set up a Standing Order for:

- All publications.
Language(s) required: A C E F R S
- Publication group(s): _____ / _____ / _____ / _____ / _____
_____ / _____ / _____ / _____ / _____
Language(s) required: A C E F R S
- Individual title(s) without publication group numbers:

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

Order No. _____ Order No. _____

Order No. _____ Order No. _____

Order No. _____ Order No. _____

Language(s) required: A C E F R S

Order to be despatched by: Surface mail Airmail

Company:	_____
Contact:	_____
Address:	_____ _____ _____
Telephone:	_____ Facsimile: _____
E-mail:	_____
Deposit account no.	_____

Please add my name to the Catalogue mailing list.



ORDER FORM

Please photocopy this order form blank as required.
Please complete both sides of this form (type or print).

Date: _____

SEND TO:

Company: _____

Contact: _____

Address: _____

Telephone: _____ Facsimile: _____

E-mail: _____

PUBLICATIONS

Order Number	Language	Quantity	Title	Unit price	Amount (U.S.\$)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Ship by: _____ SUB-TOTAL _____

Surface (no extra cost)

Best method air (air mail/air freight)
(add 10% — minimum U.S.\$2.00)

+ SHIPPING CHARGES _____

= TOTAL FOR PUBLICATIONS _____

Send by courier (name): _____ Account number: _____

AUDIO-VISUAL TRAINING AIDS

For **video** orders, PLEASE SPECIFY: TV format: NTSC PAL

Order Number	Language	Quantity	Title	Unit price	Amount (U.S.\$)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

PAYMENT INFORMATION		<input type="checkbox"/> Credit card (minimum U.S.\$20.00):
<input type="checkbox"/> Payment enclosed (cheques or money orders should be drawn on a bank located in Canada or the United States and made payable to ICAO)	<input type="checkbox"/> AMEX	<input type="checkbox"/> MASTERCARD <input type="checkbox"/> VISA
<input type="checkbox"/> UNESCO coupons (obtainable from UNESCO offices and outlets)	Card number: _____	Expiry date: _____
<input type="checkbox"/> Deposit Account No. _____	Cardholder's name: _____	Signature: _____
All orders must be prepaid. If not, a pro forma invoice will be issued and your order will be held for 90 days pending settlement. Complete ordering instructions and sales conditions are given in the Catalogue.		
ALLOW 6-8 WEEKS FOR DELIVERY		

Please add my name to the Catalogue mailing list.

Send your order to: International Civil Aviation Organization
 Attention: Document Sales Unit
 999 University Street
 Montreal, Quebec, Canada H3C 5H7
 Facsimile: +1 (514) 954-6769
 E-mail: sales_unit@icao.int

Orders may also be placed with the ICAO Regional Offices or Sales Agents listed in this Catalogue.

CONVENTIONS AND RELATED ACTS

International conventions and acts of conferences relating to civil aviation.

101 CONVENTION ON INTERNATIONAL CIVIL AVIATION AND RELATED ACTS

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: English/French/Spanish/Russian
Order No. 7300 \$32.00

International Air Services Transit Agreement. (Doc 7500)

Signed at Chicago on 7 December 1944. Reprinted January 1998. 42 pp.
Trilingual: English/French/Spanish
Order No. 7500 \$13.00

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

This Protocol proposes to increase the ICAO Council to 30 members.
Signed at New York on 12 March 1971. 4 pp.
Trilingual: English/French/Spanish
Order No. 8970 \$7.00

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

This Protocol proposes to increase the Air Navigation Commission to 15 members.
Signed at Vienna on 7 July 1971. Reprinted April 2000. 3 pp.
Trilingual: English/French/Spanish
Order No. 8971 \$7.00

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

This Protocol proposes to increase the ICAO Council to 33 members.
Signed at Montreal on 16 October 1974. 4 pp.
Trilingual: English/French/Spanish
Order No. 9123 \$7.00

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

Signed at Montreal on 30 September 1977. 8 pp.
Quadrilingual: English/French/Russian/Spanish
Order No. 9208 \$7.00

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: English/French/Russian/Spanish
Order No. 9217 \$8.00

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: English/French/Russian/Spanish
Order No. 9318 \$7.00

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: English/French/Russian/Spanish
Order No. 9436 \$7.00

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

This Protocol proposes to increase the Air Navigation Commission to 19 members.
Signed at Montreal on 6 October 1989. Reprinted January 1993. 8 pp.
Quadrilingual: English/French/Russian/Spanish
Order No. 9544 \$7.00

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

This Protocol proposes to increase the ICAO Council to 36 members.
Signed at Montreal on 26 October 1990. 10 pp.
Quadrilingual: English/French/Russian/Spanish
Order No. 9561 \$7.00

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: English/French/Russian/Spanish/Arabic
Order No. 9663 \$16.00

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

Signed at Montreal on 29 September 1995. 10 pp.
Multilingual: English/French/Russian/Spanish/Arabic
Order No. 9664 \$7.00

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: English/French/Spanish/Russian/Arabic/Chinese
Order No. 9721 \$17.00

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

Signed at Montreal on 1 October 1998. 12 pp.
Multilingual: English/French/Spanish/Russian/Arabic/Chinese
Order No. 9722 \$7.00

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: English/French/Spanish
Order No. 7620 \$7.00

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

Signed at Rome on 7 October 1952. Reprinted September 2000. 20 pp.
Trilingual: English/French/Spanish
Order No. 7364 \$7.00

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: English/French/Spanish
Order No. 8181 \$7.00

Convention on Offences and Certain Other Acts Committed on Board Aircraft. (Doc 8364)

Signed at Tokyo on 14 September 1963. Reprinted December 1998. 12 pp.
Trilingual: English/French/Spanish
Order No. 8364 \$7.00

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: English/French/Russian/Spanish
Order No. 8920 \$7.00

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: English/French/Russian/Spanish
Order No. 8966 \$9.00

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

Done at Montreal on 1 March 1991. Reprinted June 1998. 44 pp.
Multilingual: English/French/Russian/Spanish/Arabic
Order No. 9571 \$13.00

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

Done at Montreal on 28 May 1999. 114 pp.
Multilingual: English/French/Spanish/Russian/Chinese/Arabic
Order No. 9740 \$33.00

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: English/French/Spanish
Order No. 7632 \$7.00

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: English/French/Russian/Spanish
Order No. 8932 \$9.00

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: English/French/Russian/Spanish
Order No. 9145 \$7.00

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: English/French/Russian/Spanish
Order No. 9146 \$7.00

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: English/French/Russian/Spanish
Order No. 9147 \$7.00

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: English/French/Russian/Spanish
Order No. 9148 \$7.00

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. 31 pp.
 Quadrilingual: English/French/Russian/Spanish
Order No. 9257 \$7.00

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 June 2000. 15 pp.
 Quadrilingual: English/French/Russian/Spanish
Order No. 9518 \$7.00

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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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: English/French/Spanish

Order No. 7695 \$7.00

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: English/French/Spanish

Order No. 8056 \$7.00

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 March 2000. 31 pp.

English, French, Spanish

Order No. 9585 \$10.00

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.

English, French, Spanish

Order No. 9586 \$11.00

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 July 1995. 36 pp.

Bilingual: English/French

Order No. 7970 \$11.00

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, incorporating Amendment No. 1, January 1963. Reprinted May 1997. 11 pp.

English, French, Spanish

Order No. 7475 \$7.00

ICAO RULES OF PROCEDURE AND ADMINISTRATIVE REGULATIONS

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 1995. 22 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 7600 \$7.00

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.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 7559 \$9.00

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

4th edition, 1999. 22 pp.
English, Arabic, French, Russian, Spanish
Order No. 8146 \$7.00

Legal Committee. (Doc 7669)

Constitution — Procedure for Approval of Draft Conventions — Rules of Procedure.
5th edition, 1998. 30 pp.
English, Arabic, French, Russian, Spanish
Order No. 7669 \$10.00

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

2nd edition, 1975. 10 pp.
English, French, Russian, Spanish
Order No. 8229 \$7.00

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.
English, Arabic, French, Russian, Spanish
Order No. 8683 \$7.00

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

3rd edition, 1983. 28 pp.
English, French, Russian, Spanish
Order No. 8143 \$9.00

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

6th edition, 1991. Reprinted August 1994. 32 pp.
English, Arabic, French, Russian, Spanish
Order No. 8144 \$10.00

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

15 May 1959. Reprinted March 1995. 7pp.
English, French, Russian, Spanish
Order No. 7986 \$7.00

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

4th edition, December 1980. Reprinted May 1998, incorporating Amendment 1. 15 pp.
English, French, Russian, Spanish
Order No. 7984 \$7.00

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

1st edition, February 1987. 12 pp.
English, French, Russian, Spanish
Order No. 9482 \$7.00

The ICAO Financial Regulations. (Doc 7515)

10th edition, 1999. 24 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 7515 \$8.00

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.
8th edition, 1998. 18 pp.
English, Arabic, French, Russian, Spanish
Order No. 7231 \$7.00

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.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 7782 \$7.00

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.

121

Annex 1 — Personnel Licensing.

8th edition, July 1988. Reprinted March 2000, incorporating Amendments 1-162. 82 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 1 \$24.00

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.

9th edition, July 1990. Reprinted February 1999, incorporating Amendments 1-34. 51 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 2 \$15.00

Amendment 35 (applicable 4/11/99).
Order No. AN 2/E/06 free on request



Note.— Also available on the CD-ROM Rules of the Air and Air Traffic Services. See Electronic Publications

123

Annex 3 — Meteorological Service for International Air Navigation.

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

13th edition, incorporating Amendments 1-71.
July 1998. 104 pp.
English, Arabic, French, Russian, Spanish
Order No. AN 3 \$29.00

124

Annex 4 — Aeronautical Charts.

The ICAO Standards and Recommended Practices applicable to Aeronautical Charts.

9th edition, incorporating Amendments 1-50.
July 1995. 75 pp.
English, Arabic, French, Russian, Spanish
Order No. AN 4 \$22.00

Amendment 51 (applicable 5/11/98).
Order No. AN 4/E/01 free on request

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 October 2000, incorporating Amendments 1-15. 33 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 5 \$11.00

Amendment 16 (applicable 2/11/00).
Order No. AN 5/E/02 free on request

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 operations 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. 7th edition, incorporating Amendments 1-23. July 1998. 100 pp. English, Arabic, French, Russian, Spanish
Order No. AN 6-1 \$28.00

Amendment 24 (applicable 4/11/99).
Order No. AN 6-1/E/01 free on request

Amendment 25 (applicable 2/11/00).
Order No. AN 6-1/E/02 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, incorporating Amendments 1-18. July 1998. 45 pp. English, Arabic, French, Russian, Spanish
Order No. AN 6-2 \$14.00

Amendment 19 (applicable 4/11/99).
Order No. AN 6-2/E/01 free on request

Amendment 20 (applicable 2/11/00).
Order No. AN 6-2/E/02 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.

4th edition, incorporating Amendments 1-5.

July 1998. 106 pp.

English, Arabic, French, Russian, Spanish

Order No. AN 6-3 \$30.00

Amendment 6 (applicable 4/11/99).

Order No. AN 6-3/E/01 free on request

Amendment 7 (applicable 2/11/00).

Order No. AN 6-3/E/02 free on request

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.

4th edition, incorporating Amendments 1-4.

July 1981. Reprinted November 1998. 10 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. AN 7 \$7.00

128

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. Parts III and IV contain the minimum airworthiness characteristics of aeroplanes and helicopters.

8th edition, July 1988. Reprinted October 1999, incorporating Amendments 1-97. 50 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. AN 8 \$15.00

129

Annex 9 — Facilitation.

Annex 9 contains Standards and Recommended Practices, and related definitions, appendices and guidance materials 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.

10th edition, incorporating Amendments 1-16.

April 1997. 67 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. AN 9 \$20.00

Amendment 17 (applicable 30/4/99).

Order No. AN 9/E/01 free on request

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 75 applies to Volumes III and V.

Volume I (Radio Navigation Aids).

Volume I of Annex 10 contains Standards and Recommended Practices (SARPs) and guidance material for radio navigation aids, including navigation aids to approach, landing and departure and to en-route navigation 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). SARPs for the global navigation satellite system (GNSS) are due for inclusion in this volume in 2001.

5th edition, incorporating Amendments 1-71.

July 1996. 264 pp.

English, French, Russian, Spanish

Order No. AN10-1 \$72.00

Amendment 73 (applicable 5/11/98).

Order No. AN10-1/E/03 free on request

Amendment 74 (applicable 4/11/99).

Order No. AN10-1/E/04 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 5th edition, incorporating Amendments 1-70.

July 1995. 84 pp.

English, French, Russian, Spanish

Order No. AN10-2 \$24.00

Amendment 71 (applicable 7/11/96).

Order No. AN10-2/E/01 free on request

Amendment 72 (applicable 6/11/97).

Order No. AN10-2/E/03 free on request

Amendment 73 (applicable 5/11/98).

Order No. AN10-2/E/05 free on request

Amendment 74 (applicable 4/11/99).

Reprinted September 2000.

Order No. AN10-2/E/06 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 (SARPs) 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. 304 pp.

English, French, Russian, Spanish

Order No. AN10-3 \$83.00

Amendment 71 (applicable 7/11/96). 156 pp.

This amendment contains new material developed after the issuance of Volume III and is therefore published as a salable addendum.

Order No. A10-3A \$44.00

Amendment 72 (applicable 6/11/97).

Order No. AN10-3/E/03 free on request

Amendment 73 (applicable 5/11/98).

Order No. AN10-3/E/05 free on request

Amendment 74 (applicable 4/11/99).

Order No. AN10-3/E/07 free on request

Amendment 75 (applicable 2/11/00).

Order No. AN10-3/E/09 free on request

Volume IV (*Surveillance Radar and Collision Avoidance Systems*).

Volume IV of Annex 10 contains Standards and Recommended Practices (SARPs) 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. 2nd edition, incorporating Amendments 1-73. July 1998. 204 pp.

English, French, Russian, Spanish
Order No. AN10-4 \$56.00

Amendment 74 (applicable 4/11/99).
Order No. AN10-4/E/02 free on request

Volume V (*Aeronautical Radio Frequency Spectrum Utilization*).

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

1st edition, July 1996. 44 pp.
 English, French, Russian, Spanish
Order No. AN10-5 \$13.00

Amendment 72 (applicable 6/11/97).
Order No. AN10-5/E/01 free on request

Amendment 74 (applicable 4/11/99).
Order No. AN10-5/E/03 free on request

Amendment 75 (applicable 2/11/00).
Order No. AN10-5/E/05 free on request

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.

12th edition, incorporating Amendments 1-38. July 1998. 70 pp.
 English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 11 \$21.00

Amendment 39 (applicable 4/11/99).
Order No. AN11/E/02 free on request



Note.— Also available on the CD-ROM Rules of the Air and Air Traffic Services. See *Electronic Publications*.

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 ICAO member States in their territories and over the high seas. Annex 12 is complemented by the 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.

6th edition, March 1975. Reprinted November 1997, incorporating Amendments 1-15. 22 pp.
 English, Arabic, French, Russian, Spanish

Order No. AN 12 \$8.00



Note.— Also available on the CD-ROM Rules of the Air and Air Traffic Services. See *Electronic Publications*.

133

Annex 13 — Aircraft Accident and Incident Investigation.

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

8th edition, incorporating Amendments 1-9. July 1994. Reprinted May 2000. 37 pp.

English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 13 \$12.00

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.

3rd edition, incorporating Amendments 1-3. July 1999. 222 pp.

English, Arabic, French, Russian, Spanish
Order No. AN14-1 \$62.00

Volume II — *Heliports.*

Annex 14, Volume II, contains Standards and Recommended Practices covering aspects of heliport planning, design and operations. 2nd edition, incorporating Amendment 1.

July 1995. 60 pp.
 English, Arabic, French, Russian, Spanish
Order No. AN14-2 \$18.00

Amendment 2 (applicable 6/11/97).
Order No. AN14-2/E/03 free on request

135

Annex 15 — Aeronautical Information Services.

The ICAO Standards and Recommended Practices (SARPs) applicable to Aeronautical Information Services. 10th edition, July 1997. Reprinted October 2000, incorporating Amendments 1-30. 67 pp. English, Arabic, French, Russian, Spanish
Order No. AN 15 \$20.00

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. 3rd edition, incorporating Amendments 1-4. July 1993. Reprinted April 1997. 130 pp. English, French, Russian, Spanish
Order No. AN16-1 \$37.00

Amendment 5 (applicable 6/11/97). Reprinted October 2000. 21 pp.
Order No. AN16-1/E/02 free on request

Amendment 6 (applicable 4/11/99).
Order No. AN16-1/E/04 free on request

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 August 1997, incorporating Amendments 1-3. 63 pp. English, French, Russian, Spanish
Order No. AN16-2 \$19.00

Amendment 4 (applicable 4/11/99).
Order No. AN16-2/E/04 free on request

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. 6th edition, incorporating Amendments 1-9. March 1997. Reprinted September 2000. 30 pp. English, Arabic, Chinese, French, Russian, Spanish
Order No. AN 17 \$10.00

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. 2nd edition, incorporating Amendments 1-4. July 1989. Reprinted April 2000. 23 pp. English, Arabic, French, Russian, Spanish
Order No. AN 18 \$8.00

Amendment 5 (applicable 4/11/99).
Order No. AN 18/E/02 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.

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 the use in pre-flight information bulletins.

5th edition, 1999, incorporating Amendments 1-23. 73 pp.

English, French, Russian, Spanish

Order No. 8400 \$21.00

Amendment 24 (applicable 2/11/00).

Order No. 8400/E/01 free on request

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 May 2000, incorporating Amendments 1-10. 133 pp.

English, French, Russian, Spanish

Order No. 8168-1 \$38.00

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 November 1998, incorporating Amendments 1-10. 448 pp.

English, French, Russian, Spanish

Order No. 8168-2 \$122.00

154

RAC — Rules of the Air and Air Traffic Services. (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.

13th edition, 1996. 244 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. 4444 \$67.00



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

Amendment 1 (applicable 6/11/97).

Order No. 4444/E/01 free on request

Amendment 2 (applicable 5/11/98).

Order No. 4444/E/03 free on request

Amendment 3 (applicable 4/11/99).

Order No. 4444/E/04 free on request

155

Regional Supplementary Procedures

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.

Regional Supplementary Procedures. (Doc 7030)

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.

English, French, Russian, Spanish

Order No. 7030 \$51.00

Amendment 198 (applicable 28/7/00).

Order No. 7030/E/17 free on request

Amendment 199 (applicable 1/11/00).

Order No. 7030/E/18 free on request

Amendment 200 (applicable 12/12/00).

Order No. 7030/E/19 free on request

ASSEMBLY

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.

160

RESOLUTIONS

Resolutions in Force

Assembly Resolutions in Force. (Doc 9730)

(As of 2 October 1998.)

This document contains the texts of all resolutions of the ICAO Assembly in force at the close of its 32nd Session (September/October 1998). In addition to the texts 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.

1999. Reprinted June 2000. 172 pp.

English, Arabic, French, Russian, Spanish

Order No. 9730 \$48.00

162

REPORTS AND MINUTES

The reports and minutes of the 1st to the 29th Sessions are out of print.

30th Session (Extraordinary).

Montreal, 25–26 May 1993.

These documents provide a record, in the form of reports and/or minutes, of the deliberations of the various Assembly Sessions.

Minutes and Index to Documentation. (Doc 9612)

23 pp.

English, Arabic, French, Russian, Spanish

Order No. 9612 \$7.00

31st Session.

Montreal, 19 September to 4 October 1995.

These documents provide a record, in the form of reports and/or minutes, of the deliberations of the various Assembly Sessions.

Report of the Economic Commission. (Doc 9656)

1996. 24 pp.

English, Arabic, French, Russian, Spanish

Order No. 9656 \$7.00

Report of the Administrative Commission.

(Doc 9657)

1996. 54 pp.

English, Arabic, French, Russian, Spanish

Order No. 9657 \$16.00

Report of the Technical Commission. (Doc 9658)

1996. 54 pp.

English, Arabic, French, Russian, Spanish

Order No. 9658 \$16.00

Report of the Executive Committee. (Doc 9659)

1997. 230 pp.

English, Arabic, French, Russian, Spanish

Order No. 9659 \$63.00

Minutes of the Plenary Meetings. (Doc 9661)

1997. 170 pp.

English, Arabic, French, Russian, Spanish

Order No. 9661 \$47.00

Report of the Legal Commission. (Doc 9655)

1998. 15 pp.

English, Arabic, French, Russian, Spanish

Order No. 9655 \$7.00

32nd Session.

Montreal, 22 September to 2 October 1998.

These documents provide a record, in the form of reports and/or minutes, of the deliberations of the various Assembly Sessions.



Note.— See *Electronic Publications*.

Report and Minutes of the Executive Committee. (Doc 9723)

2000. 193 pp.

English, Arabic, French, Russian, Spanish

Order No. 9723 \$54.00

Minutes of the Plenary Meetings. (Doc 9724)

2000. 149 pp.

English, Arabic, French, Russian, Spanish

Order No. 9724 \$42.00

Report of the Administrative Commission. (Doc 9725)

1999. 48 pp.

English, Arabic, French, Russian, Spanish

Order No. 9725 \$14.00

Report of the Technical Commission. (Doc 9726)

1999. 45 pp.

English, Arabic, French, Russian, Spanish

Order No. 9726 \$14.00

Report of the Economic Commission. (Doc 9727)

1999. 30 pp.

English, Arabic, French, Russian, Spanish

Order No. 9727 \$10.00

COUNCIL

Reports of the Council to the Assembly, reports of the work of Council Committees, and Council publications.

166

ANNUAL REPORTS TO THE ASSEMBLY

Annual Report of the Council

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 1996 are out of print but are available on CD-ROM. See Electronic Publications.

Annual Report of the Council — 1997. (Doc 9700)

1998. 166 pp.
English, Arabic, French, Russian, Spanish
Order No. 9700 \$47.00

Annual Report of the Council — 1998. (Doc 9732)

1999. 180 pp.
English, Arabic, French, Russian, Spanish
Order No. 9732 \$50.00

Annual Report of the Council — 1999. (Doc 9752)

2000. 188 pp.
English, Arabic, French, Russian, Spanish
Order No. 9752 \$52.00

167

COUNCIL COMMITTEES

CAEP — Committee on Aviation Environmental Protection

Report of the Third Meeting. (Doc 9675)

Montreal, 5–15 December 1995.
1997. 149 pp.
English, French, Russian, Spanish
Order No. 9675 \$42.00

Report of the Fourth Meeting. (Doc 9720)

Montreal, 6–8 April 1998.
1998. 99 pp.
English, French, Russian, Spanish
Order No. 9720 \$28.00

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 to 1 October 1993.
1993. 356 pp.
English, French, Russian, Spanish
Order No. 9623 \$98.00

260

COUNCIL PUBLICATIONS

Statements by the Council to Contracting States on Charges for Airports and Air Navigation Services. (Doc 9082)

The two Statements set forth the recommendations and conclusions of the ICAO Council on airport and air navigation services charges for international civil aviation. 5th edition, 1997 (adopted by the Council on 22 June 1992 and amended on 22 November 1996). Reprinted June 2000. 23 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 9082 \$8.00

AIR NAVIGATION

175 AIRPORT CHARACTERISTICS DATA BANK

Airport Characteristics Data Bank (ACDB).
Information on facilities at over one thousand of the world's main airports.

2001 edition.
Quadrilingual: English/French/Spanish/Russian



Note.— Also available in electronic format. See Electronic Publications.

Volume 1 — *Summary and Explanation.*
78 pp.
Order No. 175016 \$21.00

Note.— Explanation contained in Volume 1 is necessary for understanding other volumes.

Volume 2 — *Africa-Indian Ocean Region.*
218 pp.
Order No. 175017 \$59.00

Volume 3 — *Caribbean and South American Regions.*
226 pp.
Order No. 175018 \$61.00

Volume 4 — *European Region.*
700 pp.
Order No. 175019 \$189.00

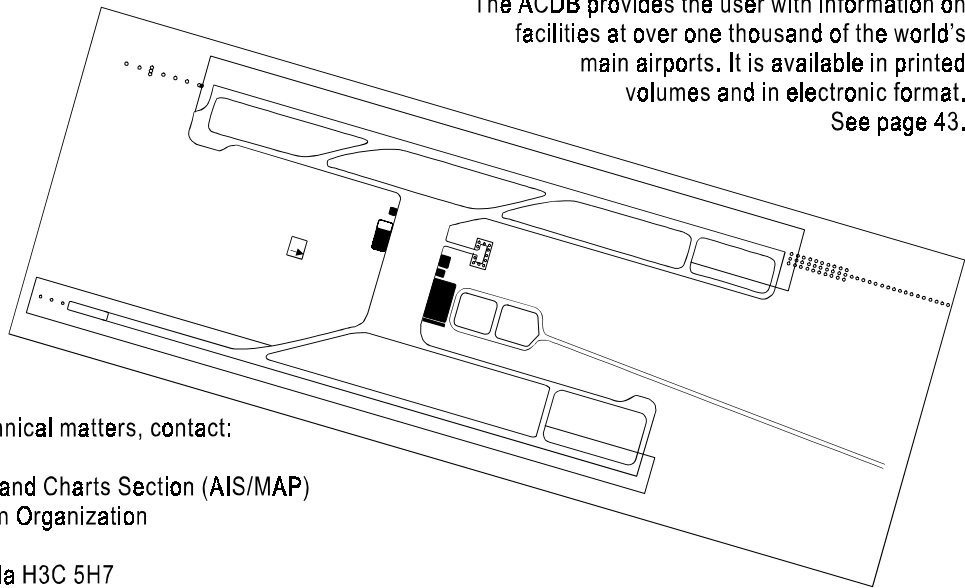
Volume 5 — *Middle East and Asia Regions.*
314 pp.
Order No. 175020 \$85.00

Volume 6 — *North Atlantic, North American and Pacific Regions.*
266 pp.
Order No. 175021 \$72.00

Complete set (Volumes 1-6).
1 802 pp.
Order No. 175022 \$487.00

AIRPORT CHARACTERISTICS DATA BANK

The ACDB provides the user with information on facilities at over one thousand of the world's main airports. It is available in printed volumes and in electronic format.
See page 43.



For further details on technical matters, contact:

Aeronautical Information and Charts Section (AIS/MAP)
International Civil Aviation Organization
999 University Street
Montreal, Quebec, Canada H3C 5H7

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 ICAO Standards and Recommended Practices; Aircraft Accident Digests; etc.

AGA — AERODROMES, AIR ROUTES AND GROUND AIDS

Manuals

172

Aerodrome Design Manual. (Doc 9157)
English, French, Russian, Spanish

Part 1.— Runways.

The Aerodrome Design Manual, 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 July 2000, incorporating Amendment 1. 68 pp.

Order No. 9157P1 \$20.00

Part 2.— Taxiways, Aprons and Holding Bays.

Part 2 of the Aerodrome Design Manual 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.

3rd edition, 1991. Reprinted July 1997, incorporating Corrigendum 1. 131 pp.

Order No. 9157P2 \$37.00

Part 3.— Pavements.

Part 3 of the Aerodrome Design Manual 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 ICAO Contracting States have also been included.

2nd edition, 1983. Reprinted November 1997, incorporating Amendments 1 and 2. 356 pp.

Order No. 9157P3 \$98.00

Part 4.— Visual Aids.

Proper design and installation of visual aids are prerequisites for the safety of airport operations. Part 4 of the Aerodrome Design Manual 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.

3rd edition, 1993. Reprinted July 1997. 168 pp.

Order No. 9157P4 \$47.00

Part 5.— Electrical Systems.

Part 5 of the Aerodrome Design Manual 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 April 1998. 96 pp.

Order No. 9157P5 \$27.00

173

Airport Planning Manual. (Doc 9184)
English, French, Russian, Spanish

Part 1.— Master Planning.

Part 1 of the Airport Planning Manual 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 April 1999. 152 pp.

Order No. 9184P1 \$43.00

Part 2.— Land Use and Environmental Control.

The purpose of Part 2 of the Airport Planning Manual 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.

2nd edition, 1985. Reprinted March 2000. 41 pp.
Order No. 9184P2 \$13.00

Part 3.— Guidelines for Consultant/Construction Services.

Part 3 of the Airport Planning Manual 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 December 1996. 105 pp.
Order No. 9184P3 \$30.00

174

Airport Services Manual. (Doc 9137)

English, French, Russian, Spanish

Part 1.— Rescue and Fire Fighting.

Part 1 of the Airport Services Manual 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 December 1996, incorporating Amendment 1. 229 pp.
Order No. 9137P1 \$64.00

Part 2.— Pavement Surface Conditions.

The purpose of Part 2 of the Airport Services Manual 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.

3rd edition, 1994. Reprinted March 2000. 118 pp.
Order No. 9137P2 \$33.00

Part 3.— Bird Control and Reduction.

Part 3 of the Airport Services Manual 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 April 1998. 25 pp.
Order No. 9137P3 \$9.00

Part 5.— Removal of Disabled Aircraft.

The purpose of Part 5 of the Airport Services Manual 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.
Order No. 9137P5 \$12.00

Part 6.— Control of Obstacles.

Part 6 of the Airport Services Manual 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 July 2000. 69 pp.
Order No. 9137P6 \$20.00

Part 7.— Airport Emergency Planning.

The material in Part 7 of the Airport Services Manual 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 center; care of ambulatory survivors; care of fatalities; communications; airport emergency exercises; and review of the airport emergency plan.

2nd edition, 1991. Reprinted August 2000. 81 pp.
Order No. 9137P7 \$24.00

Part 8.— Airport Operational Services.

Part 8 of the Airport Services Manual 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 April 2000. 60 pp.

Order No. 9137P8 \$18.00

Part 9.— Airport Maintenance Practices.

Part 9 of the Airport Services Manual 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 April 2000. 52 pp.

Order No. 9137P9 \$16.00

171

Heliport Manual. (Doc 9261)

The Heliport 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.

English, French, Russian, Spanish

Order No. 9261 \$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, 1988. Reprinted March 2000. 73 pp.

English, French, Russian, Spanish

Order No. 9332 \$21.00

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. 48 pp.

English, French, Russian, Spanish

Order No. 9150 \$14.00

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-RAC. 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 June 1997, incorporating Amendments 1 and 2. 95 pp.

English, French, Russian, Spanish

Order No. 9476 \$27.00

AIG — ACCIDENT INVESTIGATION AND PREVENTION

176

Manuals

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 September 1999. 91 pp.

English, French, Russian, Spanish

Order No. 9156 \$26.00

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

Part I — Organization and Planning.

1st edition, 2000. 63 pp.

English, Arabic, French, Russian, Spanish

Order No. 9756P1 \$19.00

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 September 1995, incorporating Amendments 1-11. 757 pp.

English, French, Russian, Spanish

Order No. 6920 \$206.00

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 March 1999. 144 pp.

English, French, Russian, Spanish

Order No. 9422 \$40.00

255

Circulars

Aircraft Accident Digest.

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. 34 — 1987. (Circ 259)
 1996. 249 pp.
 Trilingual: English/French/Spanish
Order No. CIR259 \$69.00

No. 35 — 1988. (Circ 260)
 1996. 192 pp.
 Trilingual: English/French/Spanish
Order No. CIR260 \$53.00

No. 36 — 1989. (Circ 262)
 1996. 208 pp.
 Trilingual: English/French/Spanish
Order No. CIR262 \$57.00

No. 37 — 1990. (Circ 263)
 1996. 251 pp.
 Trilingual: English/French/Spanish
Order No. CIR263 \$69.00

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 — 1996. (Circ 268)
 1997. 49 pp.
 English, French, Russian, Spanish
Order No. CIR268 \$15.00

Annual Statistics — 1997. (Circ 272)
 1998. 55 pp.
 English, French, Russian, Spanish
Order No. CIR272 \$16.00

Annual Statistics — 1998. (Circ 276)
 1999. 51 pp.
 English, French, Russian, Spanish
Order No. CIR276 \$15.00

AIS/MAP — AERONAUTICAL INFORMATION AND CHARTS

Facility and service documents

179

Aeronautical Chart Catalogue. (Doc 7101)

The Catalogue includes aeronautical charts or chart series produced by States and known to be available to the international civil aviation community. In addition, the Catalogue includes information on aeronautical charts produced by State-recognized agencies and available for sale to the international civil aviation community.

28th edition, August 1993. 292 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 7101 \$80.00

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. The tabulations are supplemented by a map indicating the geographical area of responsibility of each service; Part 2 shows the current exchange of Notices to Airmen (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.

88th edition, March 2000. 134 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 7383/88 \$38.00

Designators

201

Aircraft Type Designators. (Doc 8643)

Designators for those aircraft types which are most commonly provided with air traffic service (ATS): Part 1 lists the common names of the aircraft manufacturers followed by the aircraft types they produce(d); Part 2 lists the aircraft types followed by their type designator in alpha-numeric order; Part 3 lists the aircraft by their model number and/or model name; and Part 4 lists the common names of the aircraft manufacturers followed by their full names.

28th edition, effective 2 November 2000. 152 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 8643 \$43.00



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

Manuals

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 September 2000, incorporating Amendments 1 and 2. 410 pp. including 13 specimen charts.

English, French, Russian, Spanish

Order No. 8697 \$112.00

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*.

5th edition, 1995. Reprinted September 2000. 465 pp.

English, French, Russian, Spanish

Order No. 8126 \$127.00

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 ICAO Standards and Recommended Practices (SARPs) on WGS-84 as contained in Annexes 4, 11, 14 and 15.

1st edition, 1997. 117 pp.

English, French, Russian, Spanish

Order No. 9674 \$33.00

ATM — AIR TRAFFIC MANAGEMENT

199

Manuals

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

This two-part document defines and illustrates ICAO's process for CNS/ATM systems planning and implementation as a logical progression of the work already completed. Part I contains guidance material on technical, economic, organizational, legal and technical cooperation issues and includes a global planning methodology which is expected to guide planning and implementation regional groups (PIRGs) in their implementation planning work. Part II depicts the facilities and services to be provided to satisfy the requirements for implementation of global CNS/ATM systems, thereby clearly identifying the interregional CNS/ATM systems infrastructure necessary to support the implementation of global CNS/ATM systems.

1st edition, 2000. 216 pp.

English, Arabic, French, Russian, Spanish

Order No. 9750 \$60.00

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.

1st edition, 1998. 96 pp.

English, Arabic, French, Russian, Spanish

Order No. 9731-1 \$30.00

Volume II — *Mission Co-ordination.*

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

1st edition, 1999. 380 pp.

English, Arabic, French, Russian, Spanish

Order No. 9731-2 \$73.00

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.

1st edition, 1998. 180 pp.

English, Arabic, French, Russian, Spanish

Order No. 9731-3 \$32.00

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.

English, French, Russian, Spanish

Order No. 9694 \$71.00

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.

English, French, Russian, Spanish

Order No. 9432 \$26.00

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.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 9433 \$20.00



Note.— Also available on the CD-ROM “Rules of the Air and Air Traffic Services”. See *Electronic Publications*.

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. 20 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 9554 \$7.00



Note.— Also available on the CD-ROM “Rules of the Air and Air Traffic Services”. See *Electronic Publications*.

Air Traffic Services Planning Manual. (Doc 9426)

This manual consists of guidance material previously contained in Annex 11 and the PANS-RAC, 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 October 1997, incorporating Amendments 1-4. 462 pp.
English, French, Russian, Spanish
Order No. 9426 \$126.00

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.
English, French, Russian, Spanish
Order No. 9689 \$34.00

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.

1st edition, 1992, 45 pp.
English, French, Russian, Spanish
Order No. 9574 \$14.00

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.
English, French, Russian, Spanish
Order No. 9613 \$14.00



Note.— Also available on the CD-ROM “Rules of the Air and Air Traffic Services”. See *Electronic Publications*.

251

Circulars

Methodology for the Derivation of Separation Minima Applied to the Spacing between Parallel Tracks in ATS Route Structures. (Circ 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.
Order No. CIR120 \$76.00

Satellite-aided Search and Rescue — The COSPAS-SARSAT System. (Circ 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.
 English, French, Russian, Spanish
Order No. CIR185 \$14.00

Aerodrome Flight Information Service (AFIS). (Circ 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 June 1998. 13 pp.
 English, French, Russian, Spanish
Order No. CIR211 \$7.00

National Plan for CNS/ATM Systems. (Circ 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.
 English, Arabic, French, Russian, Spanish
Order No. CIR278 \$46.00

Simultaneous Operations on Parallel or Near-Parallel Instrument Runways (SOIR). (Circ 207)

1988. 44 pp.
 English, French, Russian, Spanish
Order No. CIR207 \$14.00

Pilot Skills to make "Look-Out" more effective in Visual Collision Avoidance. (Circ 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 January 1994. 13 pp.
 English, French, Russian, Spanish
Order No. CIR213 \$7.00

CNS — COMMUNICATIONS, NAVIGATION AND SURVEILLANCE

Designators and indicators

185

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

Designators for aircraft operating agencies, aeronautical authorities and services associated with international aviation. 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. Addresses of government civil aviation authorities are listed in Part 4.

115th edition, December 2000. 226 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 8585/115 \$62.00



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

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).

99th edition, January 2001. 192 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 7910/99 \$49.00



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

184

Manuals

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, and thus to assist in the planning and implementation of the ATN.

1st edition, 2000. 760 pp.

English only.

Order No. 9739 \$206.00

Handbook on Radio Frequency Spectrum Requirements for Civil Aviation. (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.

2nd edition, 2000. 246 pp.

English, French, Russian, Spanish

Order No. 9718 \$68.00

Manual on HF Data Link. (Doc 9741)

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

1st edition, 2000. 136 pp.

English, French, Russian, Spanish

Order No. 9741 \$38.00

Manual of Technical Provisions for the Aeronautical Telecommunication Network (ATN). (Doc 9705)

This document contains detailed technical specifications of the aeronautical telecommunication network (ATN) which is defined in the Standards and Recommended Practices (SARPs) of Annex 10, Volume III. The first and second editions contain five sub-volumes covering systems level requirements, air-ground applications, ground-ground applications, upper layers communication service (ULCS) and internet communication service (ICS) of the ATN. Future editions will contain additional material such as security and systems management specification.

English, French, Russian, Spanish

1st edition, 1998. 1 194 pp.

Order No. 9705/1 \$324.00

2nd edition, 1999. 1 218 pp.

Order No. 9705/2 \$330.00

Manual of 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 (SARPs) 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).

2nd edition, 1998. 244 pp.

English, French, Russian, Spanish

Order No. 9684 \$67.00

Manual on Testing of Radio Navigation Aids. (Doc 8071)Volume I — *Testing of Ground-based Radio Navigation Systems*

Volumes I and II of Doc 8071 provide general guidance on the extent of testing and inspection normally carried out to ensure that radio navigation systems meet the Standards and Recommended Practices (SARPs) 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.

4th edition, 2000. 189 pp.

English, French, Russian, Spanish

Order No. 8071P1 \$53.00

Volume II — *ILS (Instrument Landing System)*.

3rd edition, 1972. Reprinted October 1994, incorporating Amendments 1-4. 139 pp.

English, French, Russian, Spanish

Order No. 8071P2 \$39.00

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.

English, French, Russian, Spanish

Order No. 8071P3 \$50.00

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).

1st edition, 1997. 88 pp.

English, French, Russian, Spanish

Order No. 9688 \$25.00

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.
English, French, Russian, Spanish
Order No. 8259 \$40.00

251

Circulars

A Planning Guide for the Evolutionary Development of the Data Interchange Portion of the Aeronautical Fixed Service. (Circ 261)

This circular contains general principles and basic guidelines for transition from the AFTN to the ATN for the purpose of providing improved data interchange between air traffic management (ATM) entities.

1996. 53 pp.
English, French, Russian, Spanish
Order No. CIR261 \$16.00

Guidelines for the Introduction and Operational Use of the Global Navigation Satellite System (GNSS). (Circ 267)

This circular provides general information on all technical and operational aspects of the global navigation satellite system (GNSS).

1996. Reprinted October 1999. 108 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. CIR267 \$30.00

MED — AVIATION MEDICINE

188

Manuals

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 license 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.
English, French, Russian, Spanish
Order No. 8984 \$87.00

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.
English, Arabic, French, Russian, Spanish
Order No. 9654 \$28.00

MET — METEOROLOGY

190

Manuals

Handbook on the International Airways Volcano Watch (IAVW). (Doc 9766)

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

1st edition, 2000. 125 pp.
English, French, Russian, Spanish
Order No. 9766 \$36.00

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 to the Convention on International Civil Aviation – *Meteorological Service for International Air Navigation*. It contains information on aeronautical meteorological codes, model forms and charts used for documentation, as well as on other subjects such as location of instruments at aerodromes, and the use of meteorological information by flight operations officers.

5th edition, 1997. 146 pp.
English, French, Russian, Spanish
Order No. 8896 \$41.00

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: English/French/Spanish/Russian

Order No. 7488 \$87.00

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. This is particularly important in view of the varying assessment practices being used.

2nd edition, 2000. 84 pp.

English, French, Russian, Spanish

Order No. 9328 \$24.00

Manual on Co-ordination between Air Traffic 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 weather information required by flights below flight level 100. In addition, the manual provides information on coordination between search and rescue units and meteorological offices.

1st edition, 1983. Reprinted February 1995. 61 pp.

English, French, Russian, Spanish

Order No. 9377 \$19.00

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, although there are many similarities with the meteorological services required by other aviation users, especially for low-level flights. 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.

English, French, Russian, Spanish

Order No. 9680 \$13.00

251

Circular

Wind Shear. (Circ 186)

1987. Reprinted May 1993. 189 pp.

English, French, Russian, Spanish

Order No. CIR186 \$53.00

OPS/AIR — OPERATIONS/AIRWORTHINESS

192

Manuals

Airworthiness Technical Manual. (Doc 9051)

This manual provides airworthiness technical guidance material to States on specific airworthiness topics to assist in the uniform implementation of Annex 8 — *Airworthiness of Aircraft* and in the development of State national regulations and practices.

2nd edition, 1987. Reprinted October 1999, incorporating Amendments 1-11. 264 pp.

English, French, Russian, Spanish

Order No. 9051 \$73.00

Continuing Airworthiness Manual. (Doc 9642)

This manual provides guidance to States on procedures for maintaining the airworthiness of aircraft. The manual is also intended to be of use to airline operators who have a primary responsibility for maintaining the airworthiness of the aircraft.

1st edition, 1995. Reprinted December 1997. 100 pp.

English, French, Russian, Spanish

Order No. 9642 \$28.00

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 certificating authorities and that the same criteria for acceptance in approving applications for the use of equivalent procedures are used.

2nd edition, 1995. 71 pp.

English, French, Russian, Spanish

Order No. 9501 \$21.00

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.

English, French, Russian, Spanish

Order No. 9516 \$36.00

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.

English, French, Russian, Spanish

Order No. 9646 \$50.00

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).

1st edition, 1983. Reprinted February 1993, incorporating Amendment No. 1. 264 pp.

English, French, Russian, Spanish

Order No. 9368 \$73.00

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

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

1st edition, 1995. 29 pp.

English, French, Russian, Spanish

Order No. 9640 \$10.00

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.

English, French, Russian, Spanish

Order No. 9365 \$20.00

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

This manual establishes the performance and documentation requirements for the evaluation 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 also 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.

1st edition, 1995. 59 pp.

English, French, Russian, Spanish

Order No. 9625 \$18.00

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 October 1999, 138 pp.

English, French, Russian, Spanish

Order No. 9388 \$39.00

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 to facilitate 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: English/French/Spanish/Russian

Order No. 7488 \$87.00

Manual of Procedures for an Airworthiness Organization. (Doc 9389)

This manual provides guidance to States intending to establish an 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.

1st edition, 1983. Reprinted January 1998. 179 pp.

English, French, Russian, Spanish

Order No. 9389 \$50.00

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 October 2000. 111 pp.
English, French, Russian, Spanish
Order No. 8335 \$31.00

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 CRM (Collision Risk Model).

1st edition, 1980. Reprinted January 1997, incorporating Amendments 1 and 2. 328 pp.
English, French, Russian, Spanish
Order No. 9274 \$90.00



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

Manual on Aerial Work. (Doc 9408)

This manual provides guidance on safety aspects that are of particular significance to aerial work operators engaged in agricultural and other aerial application operations. The manual includes regulatory, safety, training and economic aspects of aerial application operations. Regulatory aspects include responsibilities of States regarding certification and control of operators and their activities. Safety aspects include guidance on airworthiness, operational and medical aspects, and control of chemical drift to prevent contamination. Training aspects include guidance on basic knowledge and experience required for pilots, ground personnel and managers of operators. Economic aspects include guidance on the selection of proper equipment for these operations and identification of factors affecting productivity and operating costs.

1st edition, 1984. 178 pp.
English, French, Russian, Spanish
Order No. 9408 \$50.00

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.
English, Chinese, French, Russian, Spanish
Order No. 9376 \$55.00

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 race-track, reversal and holding procedures.

2nd edition, 1986. Reprinted November 1993. 202 pp.
English, French, Russian, Spanish
Order No. 9371 \$57.00

193

Dangerous Goods Training Programme. (Doc 9375)

The four books of the Dangerous Good 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.
English, French, Russian, Spanish
Order No. 9375P1 \$35.00

Book 2 — *Load Planners and Flight Crew.*

3rd edition, January 1993. 43 pp.
English, French, Russian, Spanish
Order No. 9375P2 \$13.00

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

3rd edition, January 1993. 27 pp.
English, French, Russian, Spanish
Order No. 9375P3 \$9.00

Book 4 — *Loading and Warehouse Personnel.*

3rd edition, January 1993. 38 pp.
English, French, Russian, Spanish
Order No. 9375P4 \$12.00

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).

1999-2000 Edition. 1999. Reprinted July 2000. 98 pp.
English, Arabic, French, Russian, Spanish
Order No. 9481 \$20.00

194

Technical Instructions for the Safe Transport of Dangerous Goods by Air (2001-2002 Edition). (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.

2001. 688 pp.
English, French, Russian, Spanish
Order No. 9284 \$88.00

Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (1999-2000 Edition). (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.

1999. 121 pp.
English, French, Russian, Spanish
Order No. 9284SU \$35.00

251

Circulars

Guidance Material on SST Aircraft Operations. (Circ 126)

This circular is intended to assist national administrations in the planning of aeronautical services for the introduction of international commercial supersonic transport (SST) aircraft operations. The guidance material was developed by the ICAO Technical Panel on Supersonic Transport Operations (SST Panel) and is based on the knowledge available to the Panel up to the end of its Fifth Meeting in Montreal, 25 November to 13 December 1974. The guidance material is generally applicable to any SST aircraft with a delta wing configuration and of a size and performance capability similar to the BAe Concorde and the TU-144.

1975. Reprinted January 1990. 78 pp.
English, French, Russian, Spanish
Order No. CIR126 \$23.00

Recommended Method for Computing Noise Contours around Airports. (Circ 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. 36 pp.
English, French, Russian, Spanish
Order No. CIR205 \$11.00

The Continuing Airworthiness of Aircraft in Service — Codes of Airworthiness Used by Different States, Methods of Handling and Exchange of Information on Airworthiness Directives (or their equivalent) and Details of Systems used in States for Reporting of Information on Faults, Defects and Malfunctions. (Circ 95)

This circular provides information to help States that issue certificates of airworthiness to establish direct contact with the authorities of other States responsible for the continuing airworthiness of aircraft and its equipment.

6th edition, 1985. 182 pp.
English, French, Russian, Spanish
Order No. CIR95 \$51.00

PEL/TRG — PERSONNEL LICENSING AND TRAINING

196

Manuals

Human Factors Training Manual. (Doc 9683)

Part one introduces basic aviation Human Factors concepts. Part two outlines Human Factors training programmes for operational personnel.

1st edition, 1998. 304 pp.
English, French, Russian, Spanish
Order No. 9683 \$83.00

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

1st edition, 2000. 135 pp.
English, French, Russian, Spanish
Order No. 9758 \$38.00

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.
English, French, Russian, Spanish
Order No. 9401 \$28.00

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 ICAO Annex 1.

1st edition, 1983. Reprinted March 2000. 199 pp.
English, French, Russian, Spanish
Order No. 9379 \$55.00

197

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 ICAO Annex 1. The ICAO 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.

English, French, Russian, Spanish

Order No. 719251 \$94.00

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.

English, French, Spanish

Order No. 719252 \$83.00

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 ICAO Annex 1 and Annex 6.

2nd edition, 1998. 116 pp.

English, French, Russian, Spanish

Order No. 7192D3 \$33.00

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 ICAO Annex 6.

2nd edition, 1996. 47 pp.

English, French, Russian, Spanish

Order No. 7192E1 \$14.00

251

Circulars

Human Factors Digest No. 2 — Flight Crew Training: Cockpit Resource Management (CRM) and Line-Oriented Flight Training (LOFT). (Circ 217)

This circular presents background information on CRM training, and presents examples of CRM training programmes.

1989. Reprinted September 1996. 64 pp.

English, French, Russian, Spanish

Order No. CIR217 \$18.00

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

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

1992. 44 pp.

English, French, Russian, Spanish

Order No. CIR234 \$13.00

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

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

1993. Reprinted September 2000. 59 pp.

English, French, Russian, Spanish

Order No. CIR240 \$18.00

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

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

1993. 45 pp.

English, French, Russian, Spanish

Order No. CIR241 \$14.00

Human Factors Digest No. 10 — Human Factors, Management and Organization. (Circ 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.

English, French, Russian, Spanish

Order No. CIR247 \$14.00

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

This circular introduces the concept of human-centred automation.

1994. 37 pp.

English, French, Russian, Spanish

Order No. CIR249 \$12.00

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

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

1995. 46 pp.

English, French, Russian, Spanish

Order No. CIR253 \$14.00

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

1999. 401 pp.

Multilingual: English/French/Spanish /Russian/ Arabic

Order No. CIR277 \$110.00

SOA — SAFETY OVERSIGHT AUDIT

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.*

1st edition, 1999. 30 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. 9734A \$10.00

Safety Oversight Audit Manual. (Doc 9735)

The Safety Oversight Audit 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. 167 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. 9735 \$47.00

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.

207

Air Navigation Conference

Report of the 10th Conference. (Doc 9583)

Montreal, 5–20 September 1991.

Reprinted March 1994. 241 pp.

English, French, Russian, Spanish

Order No. 9583 \$67.00

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.

English, Arabic, French, Russian, Spanish

Order No. 9707 \$15.00

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

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

English, Arabic, French, Russian, Spanish

Order No. 9719 \$17.00

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.

English, Arabic, French, Russian, Spanish

Order No. 9753 \$35.00

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.

English, Arabic, French, Russian, Spanish

Order No. 9733 \$173.00

222

ATM — Air Traffic Management

Report of the Limited North Atlantic (COM/MET/RAC) Regional Air Navigation Meeting. (Doc 9618)

Cascais, Portugal, 3–18 November 1992. 286 pp.

English, French

Order No. 9618 \$79.00

CNS — Communications, Navigation and Surveillance

Report of the Limited North Atlantic (COM/MET/RAC) Regional Air Navigation Meeting. (Doc 9618)

Cascais, Portugal, 3–18 November 1992. 286 pp.

English, French

Order No. 9618 \$79.00

Report of the Special Communications/Operations Divisional Meeting (1995) (SP COM/OPS/95). (Doc 9650)

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

English, French, Russian, Spanish

Order No. 9650 \$75.00

MET — Meteorology

Report of the Limited North Atlantic (COM/MET/RAC) Regional Air Navigation Meeting. (Doc 9618)

Cascais, Portugal, 3–18 November 1992. 286 pp.

English, French

Order No. 9618 \$79.00

OPS — Operations

Report of the Special Communications/Operations Divisional Meeting (1995) (SP COM/OPS/95). (Doc 9650)
 Montreal, 27 March to 7 April 1995. 272 pp.
 English, French, Russian, Spanish
Order No. 9650 \$75.00

REGIONAL-TYPE MEETINGS

The reports of the earlier meetings are out of print.

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.
 English, French
Order No. 9702 \$180.00

ASIA/PAC — Asia and Pacific Regions

Third Regional Air Navigation Meeting. (Doc 9614)
 Bangkok, 19 April to 7 May 1993. 617 pp.
 English only.
Order No. 9614 \$168.00

CAR/SAM — Caribbean and South American Regions

Report of the Second Caribbean/South American Regional Air Navigation Meeting. (Doc 9543)
 Santiago de Chile, 2–19 May 1989. 532 pp.
 English, Spanish
Order No. 9543 \$145.00

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.
 English, Spanish
Order No. 9749 \$85.00

220

EUR — European-Mediterranean Region

Report of the Seventh European Regional Air Navigation Meeting. (Doc 9477)
 Málaga, 12–23 November 1985. 164 pp.
 English, French
Order No. 9477 \$45.00

Report of the Special European Regional Air Navigation Meeting. (Doc 9639)
 Vienna (Austria), 5–14 September 1994. 160 pp.
 English, French, Russian, Spanish
Order No. 9639 \$44.00

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.
 English, Arabic, French
Order No. 9672 \$114.00

222

NAT — North Atlantic Region

Report of the Limited North Atlantic (COM/MET/RAC) Regional Air Navigation Meeting. (Doc 9618)
 Cascais, Portugal, 3–18 November 1992. 286 pp.
 English, French
Order No. 9618 \$79.00

PANEL-TYPE MEETINGS

The reports of the earlier meetings are out of print.

228

ADS — Automatic Dependent Surveillance Panel

Report of the Second Meeting. (Doc 9616)
 Montreal, 22 June–10 July 1992. 142 pp.
 English, French, Russian, Spanish
Order No. 9616 \$40.00

238

RGCSPP — Review of the General Concept of Separation Panel

Report of the Sixth Meeting. (Doc 9536)
 Montreal, 28 November–15 December 1988.

Volume 1 (*History and report*).
 243 pp.
 English, French, Russian, Spanish
Order No. 9536-1 \$67.00

Volume 2 (*Annexes A to E*).
 636 pp.
 English, French, Russian, Spanish
Order No. 9536-2 \$173.00

VAP — Visual Aids Panel

Report of the Twelfth Meeting. (Doc 9603)

Montreal, 23 September–11 October 1991. 266 pp.
 English, French, Russian, Spanish
Order No. 9603 \$73.00

Report of the Thirteenth Meeting. (Doc 9710)

Montreal, 9–20 June 1997.
 1998. 296 pp.
 English, French, Russian, Spanish
Order No. 9710 \$81.00

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.

Note.— A ring binder is provided with each plan. Additional ring binders are available at \$5.00 each. Please indicate the title of the plan or document number when ordering.

240

Africa-Indian Ocean Region. (Doc 7474)

27th edition, 2000. 583 pp.
 Trilingual: English/French/Spanish
Order No. 7474/27 \$159.00

245

Asia and Pacific Regions. (Doc 9673)

1st edition, 1996. 368 pp.
 Trilingual: English/French/Spanish
Order No. 9673 \$100.00

241

Caribbean and South American Regions. (Doc 8733)

14th edition, 1991. Reprinted July 2000, incorporating Amendments 1-6. 485 pp.
 Trilingual: English/French/Spanish
Order No. 8733 \$133.00

242

European Region. (Doc 7754)

24th edition, 1998. 624 pp.
 English, French, Russian, Spanish
Order No. 7754 \$170.00

Note.— MET and COM Supplements (Tables) may be obtained from the Office of the Regional Director (Service de Documentation), at the address given on page iv under the heading "Where to buy ICAO Publications and Audio-visual Training Aids".

243

Middle East Region. (Doc 9708)

1st edition, 1999. 397 pp.
 Trilingual: English/French/Spanish
Order No. 9708 \$109.00

Arabic edition. 1999. 284 pp.
Order No. 9708A \$109.00

244

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

13th edition, October 1990. Reprinted July 2000, incorporating Amendments 1-3. 355 pp.
 Trilingual: English/French/Spanish
Order No. 8755 \$97.00

North Atlantic Region. (Doc 9634)

1st edition, 1995. 163 pp.
 Trilingual: English/French/Spanish
Order No. 9634 \$45.00

Facilities and Services Implementation Document (FASID) — North Atlantic Region. (Doc 9635)

The Facilities and Services Implementation Document (FASID) is issued as an adjunct to the Air Navigation Plan and lists detailed information on facilities and/or services provided by States in order to fulfil the basic requirements contained in the Air Navigation Plan. The information contained herein is agreed between the provider and user States concerned. Such agreement demonstrates a commitment on the part of the State(s) to implement the requirement(s) specified.

1st edition, 1995. 189 pp.
 Trilingual: English/French/Spanish
Order No. 9635 \$53.00

AIR TRANSPORT

260

AIR TRANSPORT STUDIES AND ECONOMICS PUBLICATIONS

Specialized information on air transport activities; summaries of treaties or agreements registered with ICAO and handbooks on various clauses in bilateral Air Transport agreements; economic studies concerning airports and air navigation facilities; surveys of fares and rates; economic studies concerning air transport; Regional air transport studies; etc.

AIRPORTS AND ROUTE AIR NAVIGATION FACILITIES

Development of Non-Aeronautical Revenues at Airports. (Circ 142)

This circular contains information and practical guidelines on types of non-aeronautical activities, managerial aspects, contractual arrangements, and the contribution of non-aeronautical revenues to airport finances. Appendices reproduce examples of texts of illustrative tender documentation, concession contracts and leases.

1979. Reprinted August 1995. 218 pp.

English, French, Russian, Spanish

Order No. CIR142 \$60.00

Statements by the Council to Contracting States on Charges for Airports and Air Navigation Services. (Doc 9082)

The two Statements set forth the recommendations and conclusions of the ICAO Council on airport and air navigation services charges for international civil aviation.

5th edition, 1997 (adopted by the Council on 22 June 1992 and amended on 22 November 1996).

Reprinted June 2000. 23 pp.

English, Arabic, Chinese, French, Russian, Spanish

Order No. 9082 \$8.00

FARES AND RATES

Regional Differences in Fares, Rates and Costs for International Air Transport.

This circular analyses the regional differences in international passenger fares and the corresponding airline costs in US\$. Chapter 2 presents revenue yield of scheduled services (passenger, freight and mail) and non-scheduled operations (passenger and freight) for 17 international route groups, comprising all international routes. Chapter 3 presents the regional differences in the airline costs based on the passenger yields of scheduled services for the same route groups, while Chapter 4 identifies some of the factors causing these cost differences among regions.

Regional Differences in Fares, Rates and Costs for International Air Transport, 1990. (Circ 242)

1993. 41 pp.

English, French, Russian, Spanish

Order No. CIR242 \$13.00

Regional Differences in Fares, Rates and Costs for International Air Transport, 1992. (Circ 254)

1996. 41 pp.

English, French, Russian, Spanish

Order No. CIR254 \$13.00

GENERAL

Access to Air Transport by Persons with Disabilities. (Circ 274)

This circular contains guidance material that elaborates on Annex 9 Standards and Recommended Practices (SARPs) 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.

English, Arabic, French, Russian, Spanish

Order No. CIR274 \$7.00

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.

English, Arabic, French, Russian, Spanish

Order No. 9587 \$36.00

Implications of Airline Codesharing. (Circ 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.

English, Arabic, French, Russian, Spanish

Order No. CIR269 \$25.00

Economics of Satellite-based Air Navigation Services. (Circ 257)

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

1995. 77 pp.
English, Arabic, French, Russian, Spanish
Order No. CIR257 \$23.00



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

Formulated spreadsheets using Quattro Pro or Lotus software are available on diskette at U.S.\$200.00. The cost includes documentation and delivery by air mail or via e-mail.

Outlook for Air Transport to the year 2005. (Circ 270)

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 1995 to 2005. It provides passenger traffic forecasts also for international route groups and global forecasts of aircraft movements, again from 1995 to 2005.

1997. 53 pp.
English, Arabic, French, Russian, Spanish
Order No. CIR270 \$25.00

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

2000. 56 pp.
English, French, Russian, Spanish
Order No. CIR280 \$18.00

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, 1996-1999. (Circ 271)

1998. 134 pp.
English, Arabic, French, Russian, Spanish
Order No. CIR271 \$50.00

The World of Civil Aviation, 1997-2000. (Circ 273)

1999. 144 pp.
English, Arabic, French, Russian, Spanish
Order No. CIR273 \$50.00

The World of Civil Aviation, 1998-2001. (Circ 275)

1999. 146 pp.
English, Arabic, French, Russian, Spanish
Order No. CIR275 \$50.00

The World of Civil Aviation, 1999-2002. (Circ 279)

2000. 142pp.
English, Arabic, French, Russian, Spanish
Order No. CIR279 \$50.00

262 FACILITATION PUBLICATIONS

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 four 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 which allow compatibility and global interchange using both visual (eye readable) and machine readable means.

4th edition, 1999. 80 pp.
English, Arabic, French, Russian, Spanish
Order No. 9303P1 \$23.00

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.

2nd edition, 1994. 74 pp.
English, Arabic, French, Russian, Spanish
Order No. 9303P2 \$22.00

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.

1st edition, 1996. 82 pp.
English, Arabic, French, Russian, Spanish
Order No. 9303P3 \$24.00

Part 4.— Machine Readable Crew Member Certificate.

1st edition, 1996. 36 pp.
English, Arabic, French, Russian, Spanish
Order No. 9303P4 \$11.00

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. 21 pp.
English, French, Russian, Spanish
Order No. 9249 \$8.00

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.
English, Arabic, French, Russian, Spanish
Order No. 8632 \$7.00

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. 105 pp.
Multilingual: English/French/Russian/Spanish/
Arabic/Chinese
Order No. 9636 \$30.00

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MANUALS

Guidance and information on airport and air navigation facility tariffs; air traffic forecasting; reporting and using ICAO civil aviation statistics; route facility economics.

Airport Economics Manual. (Doc 9562)

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

1st edition, 1991. Reprinted March 2000. 117 pp.
English, Arabic, French, Russian, Spanish
Order No. 9562 \$34.00

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 January 1997. 48 pp.
English, French, Russian, Spanish
Order No. 8991 \$14.00

Manual on the ICAO Statistics Programme. (Doc 9060)

This publication explains the Statistics Programme and provides guidance for the completion of the ICAO Air Transport Reporting Forms.

4th edition, 1994. 108 pp.
English, French, Russian, Spanish
Order No. 9060 \$30.00

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.

1st edition, 1996. Reprinted March 2000. 205 pp.
English, Arabic, Chinese, French, Russian, Spanish
Order No. 9626 \$57.00

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 control of air navigation services; determining the cost basis for air navigation services charges; the collection of air navigation services charges; and financial air navigation services infrastructure.

3rd edition, 1997. 118 pp.
English, Arabic, French, Russian, Spanish
Order No. 9161 \$40.00

265

Manual of Airport and Air Navigation Facility Tariffs, 2000 Edition. (Doc 7100)

This Manual lists airport and air navigation service charges levied in 179 States, as well as information on States' general charging policies and their implementation. The Manual 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.

2000. 663 pp.
Quadrilingual: English/French/Spanish/Russian
Order No. 7100 \$200.00



Note.— The 1999 edition of this manual is available on CD-ROM. See Electronic Publications.

266

REPORTS

Reports of Conferences on Air Transport, Joint Financing, European Civil Aviation, and Divisional and Panel-type Meetings.

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

AIR TRANSPORT CONFERENCES

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

Montreal, 29 October–9 November 1991. 82 pp.
English, Arabic, French, Russian, Spanish
Order No. 9579 \$24.00

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.
English, Arabic, French, Russian, Spanish
Order No. 9764 \$27.00

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.
English, Arabic, French, Russian, Spanish
Order No. 9644 \$28.00

EUROPEAN CIVIL AVIATION CONFERENCE

Note.— ECAC documents may be obtained from the Office of the Regional Director (Service de Documentation), at the address given on page iv under the heading "Where to buy ICAO Publications and Audio-visual Training Aids".

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DIVISIONAL-TYPE MEETINGS

FAL — Facilitation Division

Report of the Eleventh Session. (Doc 9649)

Montreal, 18–27 April 1995. 123 pp.
English, Arabic, French, Russian, Spanish
Order No. 9649 \$35.00

STA — Statistics

Ninth Session. (Doc 9703)

Montreal, 22–26 September 1997.
1998. 66 pp.
English, Arabic, French, Russian, Spanish
Order No. 9703 \$20.00

260

GENERAL

Report of the Sixth Meeting of the Asia/Pacific Area Traffic Forecasting Group (APA TFG). (Doc 9687)

Bangkok, 20–29 May 1996.
1997. 47 pp.
English only.
Order No. 9687 \$25.00

Report of the Asia/Pacific Area Traffic Forecasting Group (APA TFG). (Doc 9717)

7th Meeting, Singapore, June 1997.
1998. 48 pp.
English only.
Order No. 9717 \$25.00

Report of the Asia/Pacific Area Traffic Forecasting Group (APA TFG). (Doc 9747)

This publication provides medium-term forecasts of air traffic in the trans-Pacific area, in the Asia/Pacific Region, and for selected trans-Pacific and Asia/Pacific city-pair markets for each of the years 1998 through 2003. The horizon of the long-term forecast is to the year 2014, including intermediate forecasts for the years 2003 and 2008. Forecasts are provided for total passenger traffic and, in the case of the aggregate trans-Pacific market, also for aircraft movements including forecasts of peak hour movements in selected route groups for the year 2003. The peak hour analysis is based on a detailed review of traffic during a typical July week of 1989 through 1998, which is summarized in Appendix B.
8th Meeting, Bangkok, May 1999.
1999. 47 pp.
English only.
Order No. 9747 \$25.00

Air Navigation Services Economics Panel

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. It also contains observations specifically relevant to FANS (II) Options 4 and 5, and the role of ICAO. The Report moreover contains the related Panel recommendations on: guarantees of servicing and repayment of loans; cooperation among States in cost recovery; financial imperatives for accelerating the amendment procedures for regional air navigation plans; allocation of GNSS costs attributable to civil aviation among user States; and the role of ICAO in financial and administrative aspects of GNSS implementation.
May 1996. Reprinted June 2000. 32 pp.
English, Arabic, French, Russian, Spanish
Order No. 9660 \$10.00

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STATISTICAL PUBLICATIONS

Publications containing statistical information received from Contracting States in accordance with Articles 54 (i) and 67 of the Convention. Statistics collected on Air Transport Reporting Forms are published periodically in several series of Statistical Digests and in Special Digests. Statistics are also published annually in condensed form in Civil Aviation Statistics of the World (Doc 9180).

Civil Aviation Statistics of the World

This Yearbook presents in one volume the most widely used statistical information on civil aviation activities. It covers in summary form commercial air carrier operational, traffic and capacity data, commercial air carrier financial data, and commercial air carrier fleet and personnel data. Also included are traffic data for major international airports, the number civil aircraft on register and commercial aircraft safety statistics. Editions covering data before 1998 also include summary data on general aviation and civilian pilot licences.

**Civil Aviation Statistics of the World — 1995.
(Doc 9180/21)**

21st edition, 1997. 206 pp.
English, French, Russian, Spanish
Order No. 918021 \$59.00

**Civil Aviation Statistics of the World — 1996.
(Doc 9180/22)**

22nd edition, 1998. 200 pp.
English, French, Russian, Spanish
Order No. 918022 \$59.00

**Civil Aviation Statistics of the World — 1997.
(Doc 9180/23)**

23rd edition, 1999. 214 pp.
English, French, Russian, Spanish
Order No. 918023 \$59.00

DIGESTS OF STATISTICS

The Digests of Statistics are numbered consecutively since 1947. Each Digest is, moreover, classified under one of the following series, the issues in each series being also numbered consecutively.

Note 1.— For statistics on aircraft accidents, see Aircraft Accident Digests (Page 18).

Note 2.— Digests not appearing in the list below are out of print. Data from previous years may be available in electronic form, on request. (Prepayment of U.S.\$200.00 per digest is required.)

Note 3.— All Digests are quadrilingual: English/French/Spanish/Russian.

Note 4.— The tables in each digest are also available in electronic form from ICAO, Montreal, at a cost of U.S.\$200.00 per digest via air mail or e-mail. See Electronic Publications.



ICAO World Statistics available in ELECTRONIC FORM

For further details on technical matters, contact:

**Statistics Section
International Civil Aviation Organization
999 University Street
Montreal, Quebec, Canada H3C 5H7**

**Telephone: +1 (514) 954-8219 ext. 6292
Telex: 05-24513
Facsimile: +1 (514) 954-6744**

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Series AF — Airports and route facilities

This is an annual publication which contains annual income, expenses and investments for major international airports. It also provides annual revenues, expenses, net capital investments and traffic summary data for en-route air navigation facilities and services for international civil aviation.

<i>Digest No.</i>	<i>Series AF No.</i>	<i>Year of data</i>	<i>No. of pages</i>	<i>Order No.</i>	<i>U.S.\$</i>
454	14	1996	253	DIG454	98.00
465	15	1997	250	DIG465	98.00
476	16	1998	298	DIG476	98.00

286

Series AT — Airport traffic

This annual publication provides monthly data for the latest year as well as annual data for a five-year period for major international airports. The data consist of international aircraft movements, number of passengers embarking and disembarking and tonnes of freight and mail loaded and unloaded.

<i>Digest No.</i>	<i>Series AT No.</i>	<i>Year of data</i>	<i>No. of pages</i>	<i>Order No.</i>	<i>U.S.\$</i>
462	38	1997	280	DIG462	98.00
473	39	1998	297	DIG473	98.00
484	40	1999	287	DIG484	98.00

287

Series F — Financial data — Commercial air carriers

This annual Digest contains financial data for international scheduled airlines giving revenues and expenditures for the year, assets and liabilities at the end of the year and retained earnings as well as summary traffic data. Also included is a summary of profit and loss, assets and liabilities and traffic data for non-scheduled operators.

<i>Digest No.</i>	<i>Series F No.</i>	<i>Year of data</i>	<i>No. of pages</i>	<i>Order No.</i>	<i>U.S.\$</i>
450	50	1996	485	DIG450	161.00
461	51	1997	501	DIG461	161.00
472	52	1998	545	DIG472	161.00
483	53	1999	491	DIG483	161.00

288

Series FP — Fleet — Personnel — Commercial air carriers

This annual publication provides data on the fleets and personnel of international and domestic airlines. The Digest consists of statistics on the number and types of aircraft operated, their capacity and their utilization. It also includes the numbers of airline personnel by job category and the annual expenditures for these personnel.

<i>Digest No.</i>	<i>Series FP No.</i>	<i>Year of data</i>	<i>No. of pages</i>	<i>Order No.</i>	<i>U.S.\$</i>
449	50	1996	181	DIG449	61.00
460	51	1997	181	DIG460	61.00
471	52	1998	183	DIG471	61.00

289

Series OFOD — On-flight origin and destination

This Digest provides passenger, freight and mail traffic carried between all international city-pairs on scheduled services. It is a quarterly publication but includes corresponding yearly traffic. Each issue contains aggregated data for the three months of a quarter as well as for the 12 months ending on the last month of that quarter.

<i>Digest No.</i>	<i>Series OFOD No.</i>	<i>Period of data</i>	<i>No. of pages</i>	<i>Order No.</i>	<i>U.S.\$</i>
453	80	4th quarter 1996	187	DIG453	60.00
455	81	1st quarter 1997	153	DIG455	60.00
457	82	2nd quarter 1997	156	DIG457	60.00
458	83	3rd quarter 1997	156	DIG458	60.00
464	84	4th quarter 1997	164	DIG464	60.00
466	85	1st quarter 1998	157	DIG466	60.00
468	86	2nd quarter 1998	153	DIG468	60.00
469	87	3rd quarter 1998	152	DIG469	60.00
475	88	4th quarter 1998	157	DIG475	60.00
477	89	1st quarter 1999	152	DIG477	60.00
479	90	2nd quarter 1999	141	DIG479	60.00
480	91	3rd quarter 1999	151	DIG480	60.00

290

Series R — Civil aircraft on register

This annual publication provides the number of civil aircraft on the register of a State at the end of the year. These data for commercial and other operators are classified by the type of wing (fixed or rotary), type of propulsion used (jet, turbo-prop or piston) and the number of engines. Aircraft with a maximum take-off weight (MTOW) over 9 tonnes are identified by type and model.

Digest No.	Series R No.	Year of data	No. of pages	Order No.	U.S.\$
448	36	1996	192	DIG448	60.00
459	37	1997	168	DIG459	60.00
470	38	1998	179	DIG470	60.00

291

Series T — Traffic — Commercial air carriers

(formerly *Airline traffic*)

This Digest contains operational, traffic and capacity statistics of both international and domestic scheduled airlines as well as non-scheduled operators. Data for the latest year are shown on a monthly basis for international airlines and on a quarterly basis for domestic airlines. It also contains annual data covering a five-year period for scheduled airlines and non-scheduled operators. Where applicable, the data are for all services (passenger, freight and mail) with separate figures for domestic and international services, for scheduled and non-scheduled services, and for all-freight services.

This Digest is no longer published in two volumes. It now contains traffic data for individual scheduled airlines (previously published in Volume 1) and for non-scheduled operators (previously published in *Special Digest of Statistics*). The country and regional totals formerly published in Volume 2 are now available in *Civil Aviation Statistics of the World* (Doc 9180) described under Statistical Publications (publication group number 284).

Digest No.	Series T No.	Year of data	No. of pages	Order No.	U.S.\$
445	56	1992-96	363	DIG445	122.00
456	57	1993-97	376	DIG456	122.00
467	58	1994-98	371	DIG467	122.00

292

Series TF — Traffic by flight stage

(formerly *Traffic flow*)

This annual publication provides traffic on-board an aircraft on flight stages of international scheduled services. The data classified by international flight stage show by air carrier the aircraft used, the number of flights operated by each aircraft type, the aircraft capacity offered and the traffic (passengers, freight and mail) carried. The data are collected annually with each issue containing aggregated data for the 12 months of a calendar year.

Digest No.	Series TF No.	Period of data	No. of pages	Order No.	U.S.\$
452	111	1996	593	DIG452	210.00
463	112	1997	597	DIG463	210.00
474	113	1998	642	DIG474	210.00

LEGAL

Minutes and Documents of the Legal Committee and of Conferences on Air Law, and records of Aeronautical Agreements and Arrangements.

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.

English, Arabic, French, Russian, Spanish

Order No. 9693 \$22.00

Report of the 31st Session. (Doc 9765)

Montreal, 28 August – 8 September 2000.

2000. 233 pp.

English, Arabic, French, Russian, Spanish

Order No. 9765 \$65.00

303 AERONAUTICAL AGREEMENTS AND ARRANGEMENTS

Aeronautical Agreements and Arrangements — Tables of Agreements and Arrangements Registered with the Organization, 1 January 1946 — 31 December 1990. (Doc 9460)

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.

1991. 403 pp.

English, French

Order No. 9460 \$110.00

First Annual Supplement (for the year 1991). (Doc 9460)

1992. 22 pp.

English, French

Order No. 9460S1 \$9.00

Second Annual Supplement (for the year 1992). (Doc 9460)

1993. 26 pp.

English, French

Order No. 9460S2 \$9.00

Third Annual Supplement (for the year 1993). (Doc 9460)

1994. 23 pp.

English, French

Order No. 9460S3 \$9.00

Fourth Annual Supplement (for the year 1994). (Doc 9460)

1995. 20 pp.

English, French

Order No. 9460S4 \$9.00

Fifth Supplement 1995-1997. (Doc 9460)

1998. 46 pp.

English, French

Order No. 9460S5 \$14.00

Digest of Bilateral Air Transport Agreements. (Doc 9511)

This document, along with its supplements, contains codified summaries of the main provisions of bilateral air transport agreements and amendments thereto which were filed with ICAO by its Contracting States. While not a substitute for the actual wording of the agreements, the summaries can provide an indication of the scope, content and approach in each agreement and can be used for analysis and research, for example, in preparations by national administrations for bilateral negotiations.

1988. Reprinted June 2000. 662 pp.

Multilingual: English/French/Spanish/Russian/Arabic

Order No. 9511 \$180.00

Supplement (1995).

292 pp.

Multilingual: English/French/Spanish/Russian/Arabic

Order No. 9511S1 \$80.00

MISCELLANEOUS PUBLICATIONS

Information of a more general nature, for both Contracting States and the general public, on the activities of the Organization, including publications which are offered free on request.

GENERAL

305

International Civil Aviation Vocabulary. (Doc 9713)

This document contains a multilingual terminological fund of over 4500 entries reflecting international civil aviation's various fields of activity. The definitions which accompany the terms are drawn from the Convention on International Civil Aviation, the Annexes to the Convention and the Procedures for Air Navigation Services, as well as other ICAO publications. United Nations, International Telecommunication Union and International Organization for Standardization publications, major terminology databanks and specialized dictionaries were also used as reference material in preparing this vocabulary.

1998. Volumes I and II. 1 133 pp.
 Quadrilingual: English/French/Spanish/Russian
Order No. 9713 \$125.00

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.
 English, French, Spanish
Order No. 8900 \$134.00

PUBLIC INFORMATION

310

ICAO Journal.

The ICAO Journal is published 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.

Single copies – **Order No. 310019**
 Surface mail \$3.00
 Air mail \$5.00

Annual subscription – **Order No. 3101:**
 Surface mail \$25.00
 Air mail \$35.00

312

PUBLICATIONS AVAILABLE FREE UPON REQUEST

Facts about ICAO.

An informative folder which describes briefly the purpose of ICAO and its activities.
 1995. 12 pp.
 English, Arabic, Chinese, French, Russian, Spanish
Order No. 312023

Catalogue of ICAO Publications and Audio-visual Training Aids.

January 2001. 76 pp.
 English, French, Russian, Spanish
Order No. 312056

Aviation Training Directory.

Over 260 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>.
 November 2000.
 English, French, Spanish

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 flag of ICAO, the ICAO Flag Code and Regulations are included in the purchase price of the flag.
 1.80 m x 1.20 m (6 ft x 4 ft)
Order No. FLAG \$40.00

ELECTRONIC PUBLICATIONS



CD-ROM

Controlled Flight into Terrain

Preventing CFIT accidents is the major goal of this training aid. The CD-ROM consists primarily of a document in five sections developed by an international CFIT Task Force. Section one provides management with a concise but comprehensive view of the document. Section two identifies areas where those people who govern, regulate and run the industry can best put their efforts to prevent CFIT. Section three provides the history of CFIT, along with causal factors, traps and solutions. Section four provides academic and simulator training programmes aimed at flight crews and their responsibilities and duties in preventing CFIT. Appendices include briefings, the narrative of a video, and aeroplane-specific examples of the CFIT escape manoeuvre. Section five contains CFIT accident/incident information and the CFIT checklist.

(English only)
Order No. 725281 \$99.00



CD-ROM

Annexes to the Convention on International Civil Aviation

This CD-ROM contains a complete set of Annexes 1 to 18 and the *Convention on International Civil Aviation* (Doc 7300/8)

(English only)
 Single copy
Order No. AN \$754.00
 Single copy with a one-year amendment service
Order No. AN/YR \$1 200.00

Network versions with a one-year amendment service:
Order No. AN/NT2 — up to 2 users \$2 000.00
Order No. AN/NT4 — up to 4 users \$3 900.00
Order No. AN/NT8 — up to 8 users \$7 600.00
Order No. AN/NT12 — 12 users or more ... \$10 000.00



CD-ROM

Rules of the Air and Air Traffic Services

This CD-ROM contains the following complete documents:

- Convention on International Civil Aviation (Doc 7300/7)
- Annex 2 — Rules of the Air
- Annex 11 — Air Traffic Services
- Annex 12 — Search and Rescue
- Rules of the Air and Air Traffic Services (Doc 4444)
- Manual concerning Interception of Civil Aircraft (Doc 9433)
- Manual Concerning Safety Measures Relating to Military Activities Potentially Hazardous to Civil Aircraft Operation (Doc 9554)
- Manual on Required Navigation Performance (RNP) (Doc 9613)

(English only)
 Single copy
Order No. 156008 \$200.00
 Single copy with a two-year amendment service
Order No. 156016 \$275.00

Network version (for multiple user access) with a two-year amendment service:

Order No. 156032 — up to 2 users \$320.00
Order No. 156049 — up to 4 users \$560.00
Order No. 156057 — up to 8 users \$960.00
Order No. 156065 — 12 users or more \$1 200.00



CD-ROM

Annual Reports of the Council: Volume I, 1945–1969; Volume II, 1970–1999.

This CD-ROM set includes all Annual and Supplementary Reports of the Council from 1945 to 1999.

The Annual Reports of the Council of ICAO provide 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.

(English only)

Order No. AR \$235.00



CD-ROM

Manual of Airport and Air Navigation Facility Tariffs

This CD-ROM incorporates the 1999 edition of the *Manual of Airport and Air Navigation Facility Tariffs* (Doc 7100) published by ICAO.

The CD-ROM contains data pertaining to airport and air navigation services charges levied in 179 States as well as information on States' general charging policies and implementation.

It also contains various background information, including a comparison by State of landing, take-off and passenger-related charges for three different types of aircraft representing different weights and capacities, exchange rates and a list showing maximum permissible take-off weights by aircraft type.

Quadrilingual: English/French/Spanish/Russian

Order No. 7100-CD \$250.00



CD-ROM

Assembly – 32nd Session

This CD-ROM contains the following ICAO documents:

- Working papers
- Resolutions adopted
- Orders of business
- List of delegates
- List of documentation
- News release
- Assembly journals
- Standing Rules of Procedure of the Assembly (Doc 7600/5)
- Convention on International Civil Aviation (Doc 7300/7)
- Annual Reports of the Council 1995, 1996 and 1997
- Strategic Action Plan
- Memorandum on ICAO
- General information on ICAO.

(English only)

Order No. A32 \$99.00



**PUBLICATIONS AVAILABLE ON
DISKETTE, VIA AIR MAIL OR E-MAIL:**

Aircraft Type Designators. (Doc 8643)

This document contains designators for those aircraft types which are most commonly provided with air services (ATS).

New edition annually.

Quadrilingual: English/French/Spanish/Russian

Order No. 8643-D \$200.00 per edition

Location Indicators. (Doc 7910)

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

New edition quarterly.

Quadrilingual: English/French/Spanish/Russian

Order No. 7910-D \$200.00 per edition

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

Parts 1, 2 and 3 of Doc 8585 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 contained in Part 4.

New edition quarterly.

Quadrilingual: English/French/Spanish/Russian

Order No. 8585-D \$200.00 per edition

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 CRM (Collision Risk Model).

English, French, Russian and Spanish

Order No. 9274-D \$200.00

Economics of Satellite-based Air Navigation Services. (Circ 257)

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

English, Arabic, French, Russian and Spanish

Order No. Cir257-D \$200.00

Airport Characteristics Data Bank.

ACDB on 3 ½ " diskette (ASCII format)

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

All data — All Regions

Order No. ACDB-D \$487.00

Extract — Runway Characteristics

Order No. ACDB-R \$200.00

Extract — Taxiways

Order No. ACDB-T \$200.00

Extract — Obstacles

Order No. ACDB-O \$200.00

For further details on technical matters, contact by airmail or by e-mail:

Aeronautical Information and Charts Section (AIS/MAP)

International Civil Aviation Organization

999 University Street

Montreal, Quebec, Canada, H3C 5H7

Directory of National Civil Aviation Administrations.

ICAO has developed an electronic database of the information contained in the *Directory of National Civil Aviation Administrations* (Doc 7604). Access to this on-line version is by subscription only. If you wish to subscribe, please complete the order form on page ix.

(English only)

Order No. 7604-E \$150.00/year

For additional information, please contact the database administrator at dqca@icao.int, or by mail at:

International Civil Aviation Organization

External Relations and Public Information Office

Attention: DGCA

999 University Street

Montreal, Quebec, Canada, H3C 5H7



ICAO WORLD STATISTICS

The tables of each Digest of Statistics are available at **US\$ 200.00 per digest.**

The latest data available is for the year 1997 except Series OFOD with data for the year quarter ending 30 June 1998.

Series AF—Airport and route facilities: Issued annually and contains summary traffic data for international airports and route facilities.

Order No. AF-D.

Series AT— Airport traffic: Issued annually and contains monthly and yearly statistics for airports open to international traffic. A five-year annual series is also included.

Order No. AT-D.

Series F— Financial data — Commercial air carriers: Issued annually and gives balance sheets and profit and loss statements.

Order No. F-D.

Series FP — Fleet —Personnel. Commercial air carriers: Issued annually and provides material on the number and types of aircraft together with data on employees.

Order No. FP-D.

Series OFOD—On-flight origin and destination: Issued quarterly and contains the revenue traffic performed for city pairs. Each issue contains aggregated data for the three months of the quarter as well as the 12 months ending on the last month of the quarter.

Order No. OFOD-D.

Series R—Civil aircraft on register: Issued annually and contains data of civil aircraft on registration. Aircraft 9 000 kg (20 000 lb) and over are shown by type.

Order No. R-D.

Series T—Traffic—Commercial air carriers (Airline Traffic): Issued annually and contains traffic data for individual scheduled airlines and non-scheduled operators.

Order No. T-D.

Series TF—Traffic by flight stage (Traffic flow): Issued annually and includes statistics on the flow of traffic carried from point to point and contains aggregated data for the 12 months of a calendar year.

Order No. TF-D.

For further details on technical matters, contact:

Statistics Section

International Civil Aviation Organization

999 University Street

Montreal, Quebec, Canada, H3C 5H7

Telephone: +1 (514) 954-8219 ext. 6292; Telex: 05-24513;

Fax: +1 (514) 954-6744

AUDIO-VISUAL TRAINING AIDS

Audio-visual training aids are designed to support the implementation of the Standards and Recommended Practices found in the Annexes to the Convention on International Civil Aviation. These training aids are available in video, CD, audioslide and poster formats.

TITLES AVAILABLE

AIR NAVIGATION

AGA — AERODROMES, AIR ROUTES AND GROUND AIDS

Videos

- 1-Alpha Simulation
- Aerodrome Fire Safety
- Emergency Preparedness
- The Everglades and After
- Fire Prevention – The Nature of Fire
- Fire Prevention – Know Your Fire Hazards
- Operation Bird Strike
- Red Alert
- T-VASIS Landing System

Audioslides

- Airport Emergency Planning
- Bird Hazards
- Emergency Preparedness

Posters

- Helicopter Approach Path Indicator
- Taxiing Guidance Signs: Information Signs.
- Taxiing Guidance Signs: Mandatory Instruction Signs.
- Visual Approach Slope Indicator Systems

AIS/MAP — AERONAUTICAL INFORMATION AND CHARTS

Audioslides

- Aeronautical Charts

Poster

- Integrated Aeronautical Information Package

ATM — AIR TRAFFIC MANAGEMENT

Videos

- Aerodrome Control — VFR
- Caution: Wake Turbulence
- The Crowded Sky
- Go for Control: The Elements of Ground Control
- Marshalling Signals
- Separation Between Aircraft: Aerodrome Traffic (VMC)

Audioslides

- Living with Vortices
- Marshalling Signals
- Separation Between Aircraft: Aerodrome Traffic (VMC)

Posters

- Good Radiotelephony Checklist
- ICAO Model Flight Plan
- Light Signals
- Marshalling Signals
- Marshalling Signals for Hovering Helicopters
- Search and Rescue Signals

MED — AVIATION MEDICINE

Videos

- Disorientation
- Hypoxia
- Medical Facts for Pilots

MET — METEOROLOGY

Videos

- Aviation Meteorology Series
 - The Cold Front
 - Fog and Low Ceiling Clouds: Advection Fog and Ground Fog
 - Fog and Low Ceiling Clouds: Upslope Fog and Frontal Fog
 - Ice Formation on Aircraft
 - The Occlusion
 - Thunderstorms: Part I — Formation and Structure of Thunderstorms
 - Thunderstorms: Part II — Flight Techniques with Respect to Thunderstorms
 - The Warm Front
- The Meteorological Report for Take-off and Landing
- Volcanic Ash Avoidance
- The Wind Shear Factor
- Wind Shear — The Probable Cause

Audioslides

- The Atmosphere — An Introduction
- Stability in the Atmosphere

Posters

- Aviation Weather — Poster Series
 - Basic Atmospheric Circulation
 - Cold Front
 - Frontal Depressions
 - Occluded Fronts
 - Surface Weather Charts
 - Warm Front
- Gust Front Turbulence & Wind Shear
- ICAO Special Air Reporting Form — Volcanic Activity
- Microburst — Wind Shear
- Warning — If you inadvertently enter a Volcanic Ash Cloud
- Windshear — Microburst
- World Map of Volcanoes and Principal Aeronautical Features

Posters are sold individually and in a package containing one of each: **Order No. P-ALL....\$96.00**

OPS/AIR — OPERATIONS/AIRWORTHINESS

Videos

- Aerodrome Ground Safety
- Altimetry — Basic Principles
- Carburetors — Principles of Operation
- Eagle-eyed Pilot
- Flying Floats
- Helicopter Icing
- How Airplanes Fly
- Instrument Flight Control — Diaphragm Instruments
- Landing Gear — Tires and Brakes
- The Last Fifty Feet
- Mountain Flying
- Murphy's Law
- Nondestructive Testing
- Nothing on the Clock
- Overwater Flying
- Path to Safety
- Pressing the Weather
- Propstrike
- Radio Antennas — Ground and Aircraft
- Some Thoughts on Winter Flying
- Stalling for Safety
- Take-off Performance in Slush
- Take-offs and Landings

CD-ROM

- Controlled Flight into Terrain (CFIT) — Education and Training Aid

Audioslides

- Altimetry — Basic Principles

Posters

- Aircraft Ground De/Anti-icing
- Altimeter Setting Procedures
- ICAO Dangerous Goods Labels
- International System of Units (SI)

AIR TRANSPORT

AVSEC — AVIATION SECURITY

Videos

- The Common Sense of Security
- The Sabotage Sector
- Unlawful Seizure/Hijacking — Crew Member Response

Audioslides

- The Airport Security Programme
 - The Security Officer
 - Searching Persons and Baggage by Hand
 - Use of Metal Detection Units
 - Operation and Use of X-ray Units
- Unlawful Seizure/Hijacking — Crew Member Response

ECP — ECONOMIC POLICY

Poster

- Five Freedoms of the Air

THE INTERNATIONAL CIVIL AVIATION ORGANIZATION

Videos

- The Bridge Builders
- The Bridge Builders — Stories from the Field
- Making a Standard

Audioslides

- Making a Standard

Posters are sold individually and in a package containing one of each: Order No. P-ALL....\$96.00

AIR NAVIGATION

**AGA — AERODROMES, AIR ROUTES AND
GROUNDS AIDS**

VIDEOS

1-Alpha Simulation

1-Alpha ... the code for an aircraft emergency in the vicinity of an airport, sets in motion a series of rescue procedures involving airport, municipal and regional agencies ... the primary objective is to treat the injured as quickly as possible. In this case, the "crash" is a simulation staged at a major Canadian international airport. Trained people, working together in an integrated and effective manner, demonstrate the key elements in a smooth-running and successful rescue operation. This is an excellent training video for any airport emergency planning programme.

1981. 15 minutes.

English, French and Spanish

Order No. V659 B NTSC \$72.00

Order No. V659 C PAL \$96.00

Aerodrome Fire Safety

This video outlines the requirements for the establishment of a well-coordinated emergency organization to ensure aerodrome fire safety. The video was reviewed by a panel of rescue and fire fighting experts and revised in 1981.

1981. 27 minutes.

English, French and Spanish

Order No. V40 B NTSC \$80.00

Order No. V40 C PAL \$104.00

Emergency Preparedness

This training aid presents lessons learned during an actual accident at a large international airport. Areas where further consideration and refinement of procedures were required are highlighted. This programme was reformatted for video from the audioslide programme S668.

1980. 14 minutes.

English, French and Spanish

Order No. V668 B NTSC \$72.00

Order No. V668 C PAL \$96.00

The Everglades and After

Much in the field of airport emergency planning can be learned from this documentary of the crash of a wide-bodied airliner in the everglades swamp near Miami International Airport. This video is intended for airport management personnel, emergency planning committees, hospital management, police and fire departments, ambulance services, search and rescue, and other related services. A related audioslide programme is *Airport Emergency Planning* [S653].

1972. 29 minutes.

English, French and Spanish

Order No. V619 B NTSC \$80.00

Order No. V619 C PAL \$104.00

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.

English, French and Spanish

Order No. V73 B NTSC \$72.00

Order No. V73 C PAL \$96.00

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.

English, French and Spanish

Order No. V76 B NTSC \$80.00

Order No. V76 C PAL \$104.00

Operation Bird Strike

This video and the ICAO *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.

English, French and Spanish

Order No. V607 B NTSC \$80.00

Order No. V607 C PAL \$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.

English, French and Spanish

Order No. V625 B NTSC \$80.00

Order No. V625 C PAL \$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.

English, French and Spanish

Order No. V559 B NTSC \$72.00

Order No. V559 C PAL \$96.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00

AUDIOSLIDES

Airport Emergency Planning

This audioslide presentation outlines how an airport emergency plan should be organized, coordinated and conducted to minimize the effect of accidents and other emergencies which could occur at airports. A related video is *The Everglades and After* [V619].

1985. 140 slides.
English, French and Spanish
Order No. S653 \$104.00

Bird Hazards

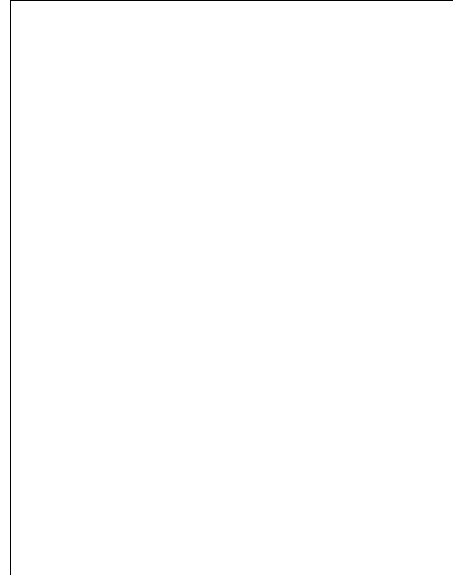
This audioslide programme discusses the problem of bird strikes and contains organizational information, statistical information, information on bird habits and discussions of techniques to reduce this hazard.

1980. 60 slides.
English, French and Spanish
Order No. S610 \$80.00

Emergency Preparedness

This training aid presents lessons learned during an actual accident at a large international airport. Areas where further consideration and refinement of procedures were required are highlighted. It is also available in video format [V668].

1980. 80 slides.
English, French and Spanish
Order No. S668 \$80.00



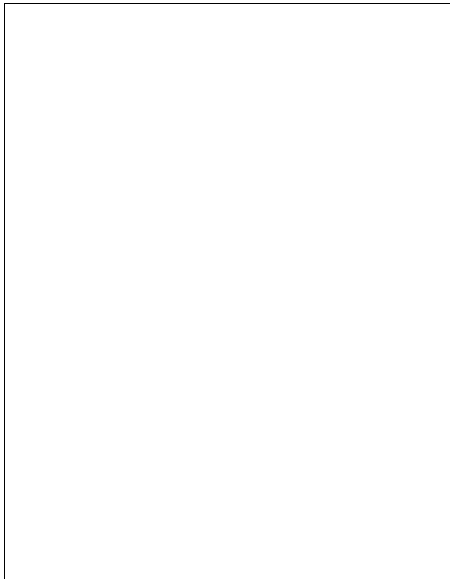
Taxiing Guidance Signs

Information Signs.

This poster, based on the specifications of ICAO 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 x 61 cm.
English, French, Russian and Spanish
Order No. P709 \$7.00

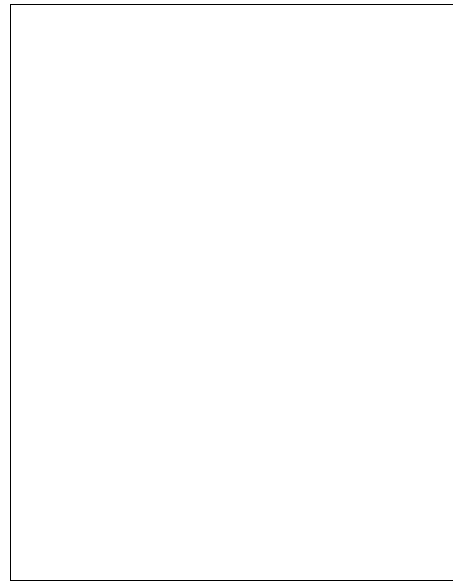
POSTERS



Helicopter Approach Path Indicator

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

1992. 46 x 61 cm.
English, French and Spanish
Order No. P698 \$7.00



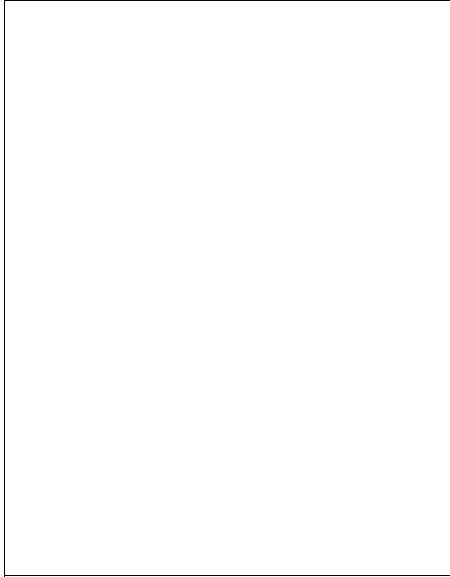
Taxiing Guidance Signs

Mandatory Instruction Signs.

This poster, based on the specifications of ICAO 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 x 61 cm.
English, French, Russian and Spanish
Order No. P708 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00



Visual Approach Slope Indicator Systems

This poster describes the various signals for approach slope indicator systems and is based on the specifications of ICAO Annex 14 — *Aerodromes*, Volume I — *Aerodrome Design and Operations*, Chapter 5.

1996. 46 x 61 cm.

English, French, Russian and Spanish

Order No. P711 \$7.00

AIS/MAP — AERONAUTICAL INFORMATION AND CHARTS

AUDIOSLIDES

Aeronautical Charts

This slide presentation provides an introduction to the content of ICAO Annex 4 — *Aeronautical Charts* and the *Aeronautical Chart Manual* (Doc 8697). Intended mainly for the benefit of those personnel engaged in the production of aeronautical charts, it provides explanations of the 17 aeronautical charts specified in Annex 4 and gives an outline of the information to be depicted on the charts.

1990. 136 slides.

English, French and Spanish

Order No. S690 \$104.00

POSTER



Integrated Aeronautical Information Package

This poster is designed to assist Aeronautical Information Service (AIS) Officers in organizing and processing information in compliance with ICAO Annex 15 — *Aeronautical Information Services*.

1991. 61 x 46 cm.

English, French and Spanish

Order No. P700 \$7.00

ATM — AIR TRAFFIC MANAGEMENT

VIDEOS

Aerodrome Control — VFR

This video outlines the duties of the aerodrome controller when aircraft are flying in accordance with Visual Flight Rules. Although primarily intended as an introductory aid for student air traffic controllers, it will be useful to student pilots.

1968. 20 minutes.

English, French and Spanish

Order No. V169 B NTSC \$80.00

Order No. V169 C PAL \$104.00

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. A related audioslide programme is *Living with Vortices* [S628].

1970. 17 minutes.

English, French and Spanish

Order No. V544 B NTSC \$80.00

Order No. V544 C PAL \$104.00

The Crowded Sky

This video provides an overview of how an air traffic control system works (in this case, the United Kingdom's, but the principles apply to any national airways system).

1979. 34 minutes.

English, French and Spanish

Order No. V630 B NTSC \$88.00

Order No. V630 C PAL \$112.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00

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.
English and French only
Order No. V658 B NTSC \$72.00
Order No. V658 C PAL \$96.00

Marshalling Signals

These marshalling signals are based on ICAO Annex 2 — *Rules of the Air*. Related training aids are S562, P143 and P707.

1973. 13 minutes.
English, French and Spanish
Order No. V562 B NTSC \$72.00
Order No. V562 C PAL \$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. This programme was reformatted for video from the audioslide programme S679.

1990. 20 minutes.
English, French and Spanish
Order No. V679 B NTSC \$80.00
Order No. V679 C PAL \$104.00

AUDIOSLIDES

Living with Vortices

This audioslide presentation shows examples of vortex behaviour so that the phenomenon might be better understood. This aid is useful for training programmes for both pilots and air traffic controllers. A related aid is *Caution: Wake Turbulence* [V544].

1980. 112 slides.
English, French and Spanish
Order No. S628 \$104.00

Marshalling Signals

The marshalling signals in this audioslide training aid are based on the Standards in ICAO Annex 2 — *Rules of the Air*. This aid is suitable for the training of marshallers and for pilot familiarization. Related training aids are V562, P143 and P707.

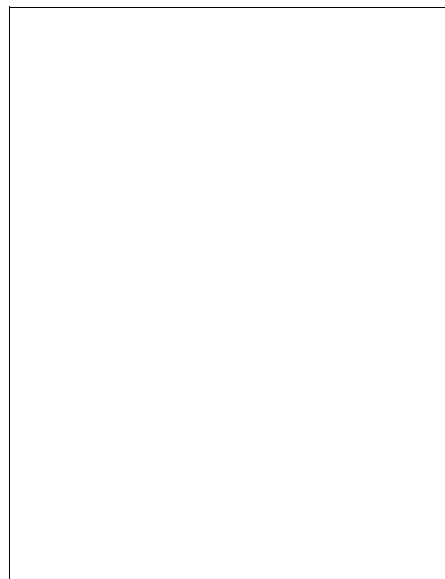
1978. 42 slides.
English, French and Spanish
Order No. S562 \$80.00

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.

1989. 74 slides.
English, French and Spanish
Order No. S679 \$80.00

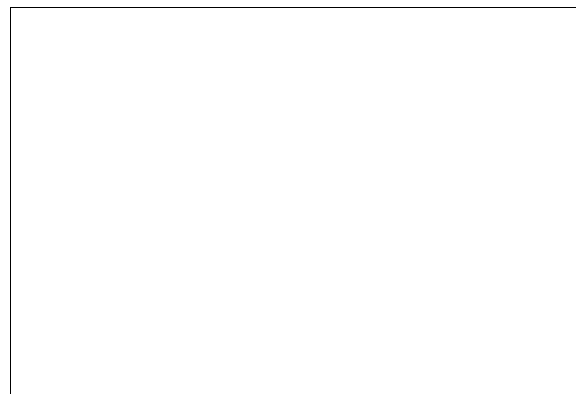
POSTERS



Good Radiotelephony Checklist

This poster provides a checklist for proper radiotelephony procedure.

1983. 41 x 61 cm.
English, French and Spanish
Order No. P637 \$7.00

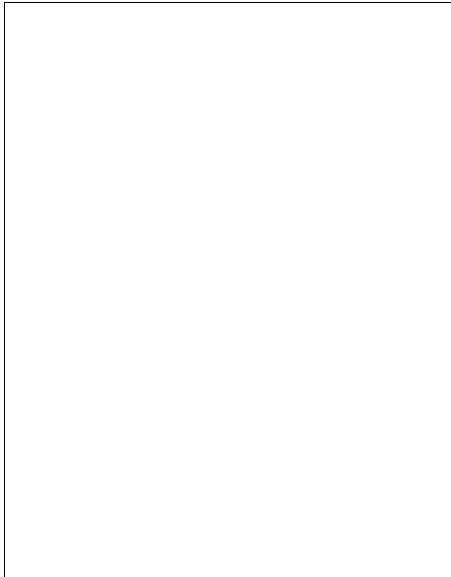


ICAO Model Flight Plan

This poster is a summary of the information contained in the PANS/RAC (Doc 4444), Appendix 2.

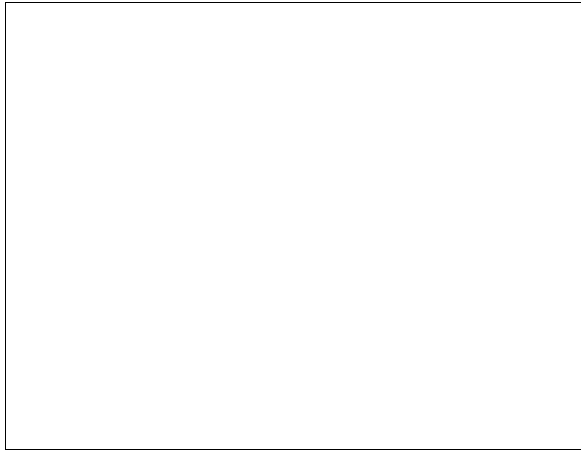
1985. 93 x 61 cm.
English, French and Spanish
Order No. P656 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00



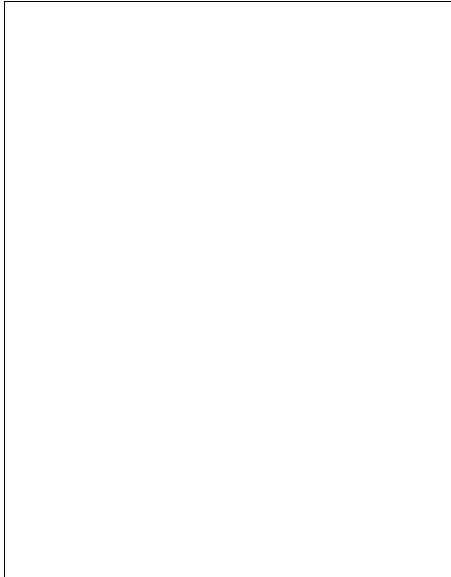
Light Signals

This poster depicts the light signals presented in ICAO Annex 2 — *Rules of the Air*.
1980. 46 x 61 cm.
English, French and Spanish
Order No. P617 \$7.00



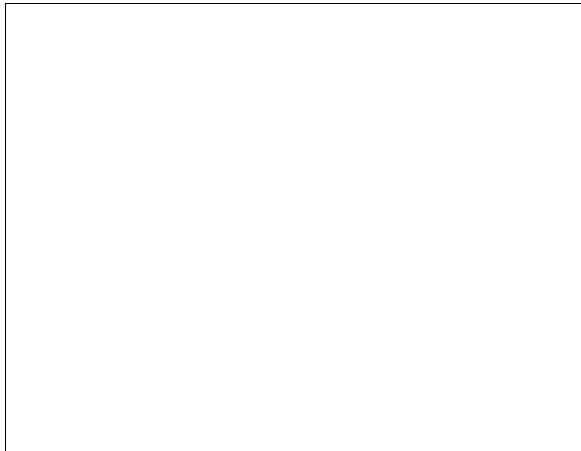
Marshalling Signals for Hovering Helicopters

This poster depicts the marshalling signals presented in ICAO Annex 2 — *Rules of the Air*. Related training aids are V562, S562 and P707.
1965. 61 x 46 cm.
English, French and Spanish
Order No. P143 \$7.00



Marshalling Signals

This poster depicts the marshalling signals presented in ICAO Annex 2 — *Rules of the Air*. Related training aids are V562, S562 and P143.
1996. 46 x 61 cm.
English, French and Spanish
Order No. P707 \$7.00



Search and Rescue Signals

This poster depicts the search and rescue signals presented in ICAO Annex 12 — *Search and Rescue*.
1982. 61 x 46 cm.
English, French, Russian and Spanish
Order No. P636 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00

MED — AVIATION MEDICINE

VIDEOS

Disorientation

This video discusses the potential differences in sensory perception and instrument readings. Viewing would be particularly beneficial to students starting an instrument flying phase of training.

1979. 15 minutes.

English, French and Spanish

Order No. V623 B NTSC \$72.00

Order No. V623 C PAL \$96.00

Hypoxia

The dangers of hypoxia are discussed in this video which outlines some of the procedures to prevent its onset. The information in this video is suitable for any pilot regardless of what type of aircraft is flown.

1973. 17 minutes.

English, French and Spanish

Order No. V598 B NTSC \$80.00

Order No. V598 C PAL \$104.00

Medical Facts for Pilots

This video discusses some of the fundamental physiological and psychological limitations in flight.

1970. 22 minutes.

English, French and Spanish

Order No. V555 B NTSC \$80.00

Order No. V555 C PAL \$104.00

MET — METEOROLOGY

VIDEOS

Aviation Meteorology Series

Although most of the eight videos in this series on meteorology were produced in the late 1950s and early 1960s, the weather-related information they contain is still valid. These videos are recommended for student pilots and trainee meteorologists, air traffic services personnel and flight operations officers.

The Cold Front

This video will help pilots recognize the characteristics of a cold front and the flight conditions should they have to fly over, under, or even through it.

1958. 15 minutes.

English, French and Spanish

Order No. V52 B NTSC \$72.00

Order No. V52 C PAL \$96.00

Fog and Low Ceiling Clouds:

Advection Fog and Ground Fog

This two-part video discusses the formation and types of fog. 1961. 24 minutes.

English, French and Spanish

Order No. V55 B NTSC \$80.00

Order No. V55 C PAL \$104.00

Fog and Low Ceiling Clouds:

Upslope Fog and Frontal Fog

This is a continuation on the subject of fog and clouds introduced in the video V55.

1961. 9 minutes.

English, French and Spanish

Order No. V61 B NTSC \$72.00

Order No. V61 C PAL \$96.00

Ice Formation on Aircraft

This video shows the processes of ice formation and the effects of ice on wings, Pitot tubes, propellers and carburetors or jet engines. It discusses the flight techniques to be used to avoid icing hazards and how to reduce them if flight through such conditions is unavoidable.

1961. 22 minutes (black and white).

English, French and Spanish

Order No. V70 B NTSC \$80.00

Order No. V70 C PAL \$104.00

The Occlusion

This video discusses the formation and types of occlusions. 1988. 22 minutes.

English, French and Spanish

Order No. V677 B NTSC \$80.00

Order No. V677 C PAL \$104.00

Thunderstorms

Part I — Formation and Structure of Thunderstorms

This two-part video series (see also V67) presents the various stages in the development of a thunderstorm. Part I covers the formation and characteristics of both air mass and frontal thunderstorms.

1963. 17 minutes (black and white).

English, French and Spanish

Order No. V64 B NTSC \$80.00

Order No. V64 C PAL \$104.00

Part II — Flight Techniques with Respect to Thunderstorms

Part II in the thunderstorm series (see also V64) approaches the subject from the perspective of the pilot. Flying through a thunderstorm is something to be avoided if at all possible — this video discusses techniques and procedures to follow should the unavoidable occur.

1963. 15 minutes (black and white).

English, French and Spanish

Order No. V67 B NTSC \$72.00

Order No. V67 C PAL \$96.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00

The Warm Front

This video explains the structure and formation of the warm front and describes the conditions encountered during the passage of the front including visibility, precipitation, icing and cloud types.

1958. 18 minutes.

English, French and Spanish

Order No. V49 B NTSC \$80.00

Order No. V49 C PAL \$104.00

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.

English, French, Russian and Spanish

Order No. V704 B NTSC \$80.00

Order No. V704 C PAL \$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.

English, French, Russian and Spanish

Order No. V703 B NTSC \$88.00

Order No. V703 C PAL \$112.00

The Wind Shear Factor

This video is a follow-up to the video presentation *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.

English, French and Spanish

Order No. V647 B NTSC \$80.00

Order No. V647 C PAL \$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.

English, French and Spanish

Order No. V645 B NTSC \$80.00

Order No. V645 C PAL \$104.00

AUDIOSLIDES

The Atmosphere — An Introduction

As a starting point for a better understanding of meteorology in aviation, this audioslide presentation, suitable as an initial course in MET at flight schools or training institutions, explains three primary weather elements: pressure, temperature and moisture. A related aid is S672. 1982. 61 slides.

English, French and Spanish

Order No. S634 \$80.00

Stability in the Atmosphere

This is the second in our meteorological series for initial training [see *The Atmosphere — An Introduction* (S634)]. It discusses the various components of atmospheric stability such as: clouds, turbulence, low visibility, precipitation and icing.

1987. 69 slides.

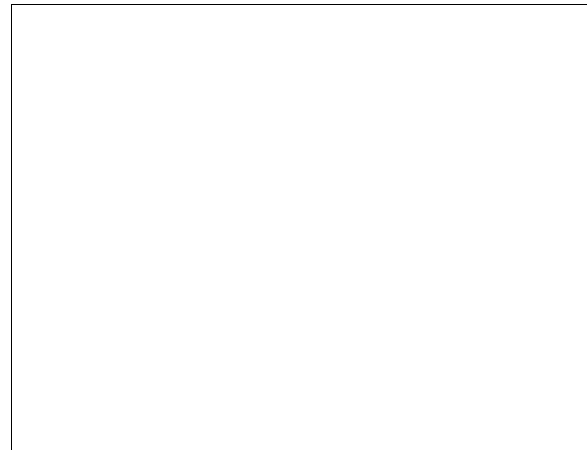
English, French and Spanish

Order No. S672 \$80.00

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 \$32.00 (**Order No. 735198A**).



Basic Atmospheric Circulation

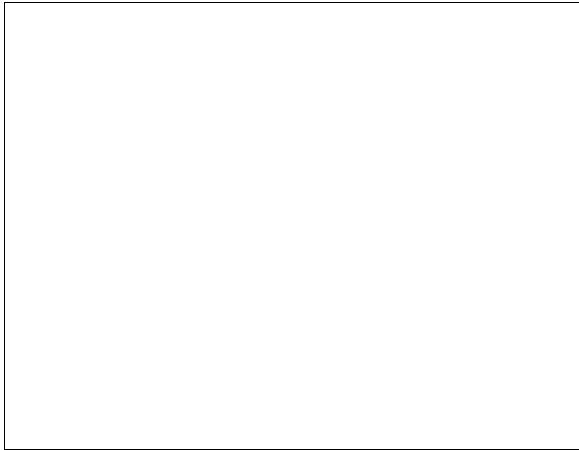
This poster illustrates the fundamental features of the general circulation of the Earth's atmosphere.

1988. 61 x 46 cm.

English, French and Spanish

Order No. P654 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00



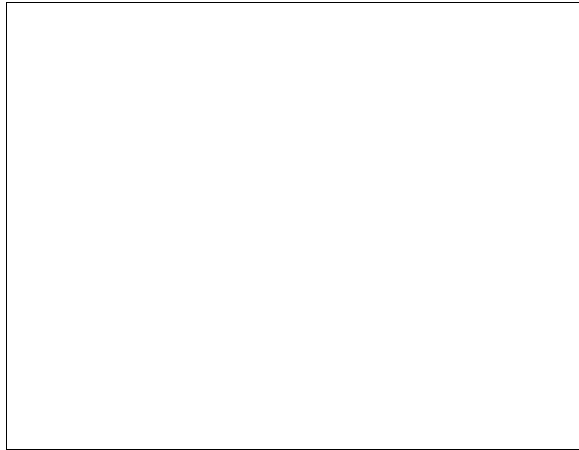
Cold Front

The weather around a typical cold front is illustrated. Hazardous flying conditions, particularly turbulence and downbursts often associated with the cold front, are highlighted.

1988. 61 x 46 cm. Reprinted October 1998.

English, French and Spanish

Order No. P663 \$7.00



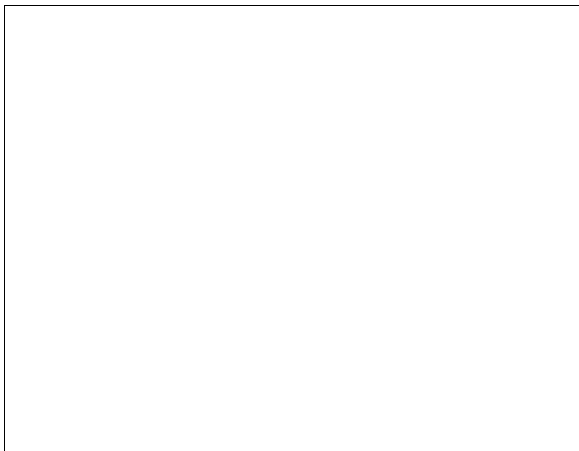
Occluded Fronts

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 x 46 cm. Reprinted September 1998.

English, French and Spanish

Order No. P665 \$7.00



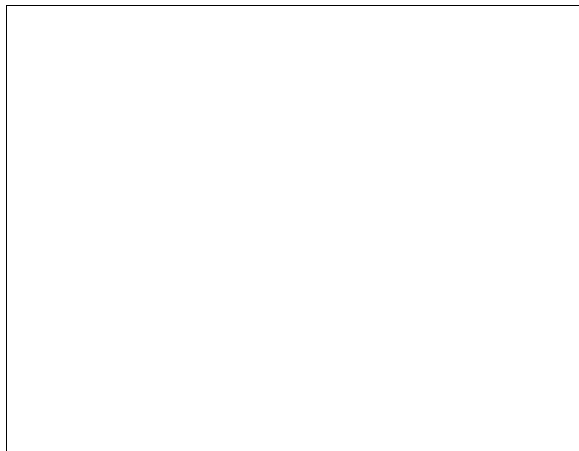
Frontal Depressions

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 x 46 cm. Reprinted November 1998.

English, French and Spanish

Order No. P666 \$7.00



Surface Weather Charts

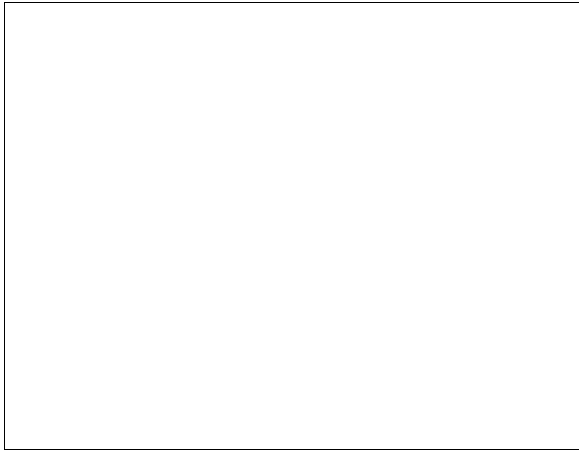
This poster highlights and describes various symbols and features found on a weather map.

1988. 61 x 46 cm.

English, French and Spanish

Order No. P662 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00



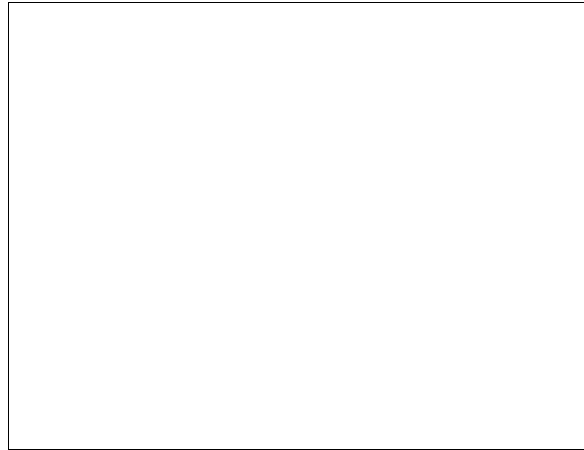
Warm Front

This poster illustrates the weather and flying conditions normally found at a warm front. It includes potentially hazardous weather phenomena and draws attention to widespread Instrument Meteorological Conditions (IMC) associated with a typical warm front.

1988. 61 x 46 cm. Reprinted March 2000.

English, French and Spanish

Order No. P664 \$7.00



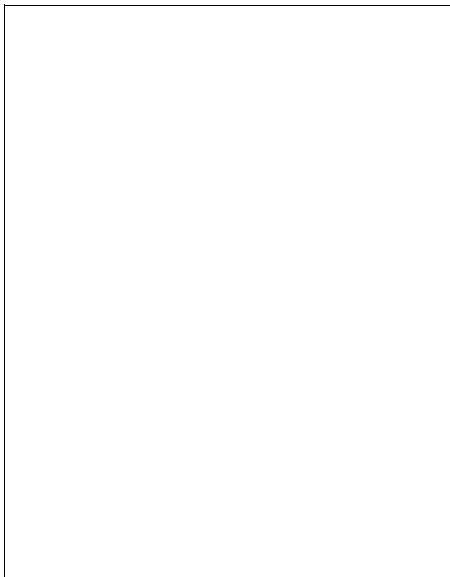
ICAO Special Air Reporting Form — Volcanic Activity

This poster provides reporting instructions and illustrates a sample Special Air Reporting Form.

1994. 61 x 46 cm.

English, French, Russian and Spanish

Order No. P702 \$7.00



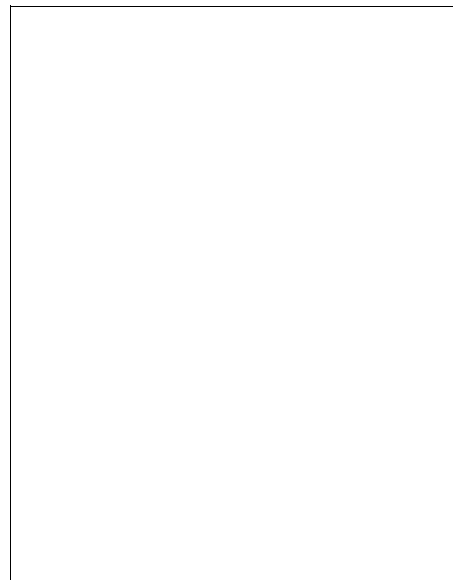
Gust Front Turbulence & Wind Shear

This poster stresses the dangers and depicts the components of gust fronts.

1982. 46 x 61 cm.

English, French and Spanish

Order No. P621 \$7.00



Microburst — Wind Shear

This poster describes and illustrates many of the characteristics of a typical microburst wind shear.

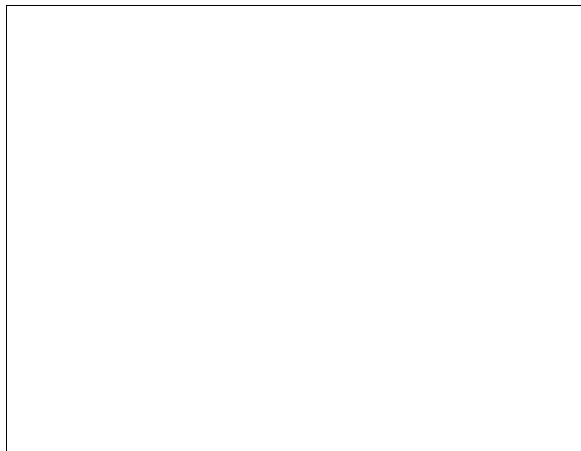
1990. 46 x 61 cm.

Reprinted April 1997.

English, French and Spanish

Order No. P686 \$7.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00



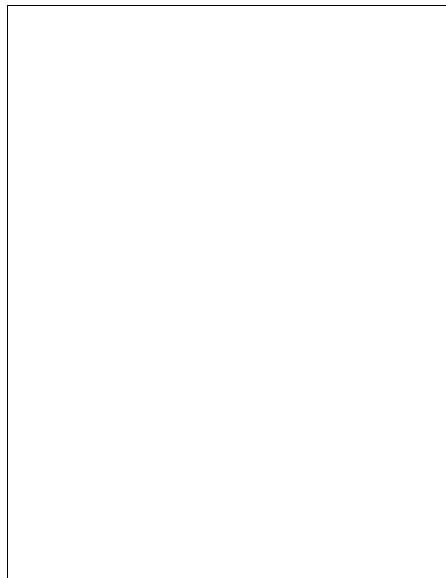
Warning — If you inadvertently enter a Volcanic Ash Cloud

This poster outlines indications and generally recommended pilot actions in the event of an inadvertent encounter with a volcanic ash cloud.

1994. 61 x 46 cm.

English, French, Russian and Spanish

Order No. P701 \$7.00



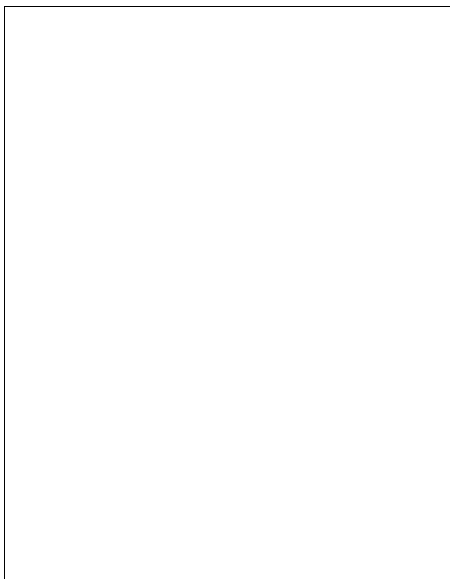
World Map of Volcanoes and Principal Aeronautical Features

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 French, Spanish and Russian provided in accompanying booklet.

Order No. GP-1011 \$10.00



Windshear — Microburst

This poster stresses that avoidance is the best technique when it comes to microburst wind shear.

1988. 46 x 61 cm.

English, French and Spanish

Order No. P683 \$7.00

OPS/AIR — OPERATIONS/AIRWORTHINESS

VIDEOS

Aerodrome Ground Safety

This video stresses the importance of the human element in maintaining the high safety standards required of ramp service crews — from baggage handling to aircraft servicing.

1967. 25 minutes.

English, French and Spanish

Order No. V181 B NTSC \$80.00

Order No. V181 C PAL \$104.00

Altimetry — Basic Principles

This video clarifies the relationship of altitude, height and flight level. It explains altimeter settings and corrections, hectopascals, QNH, QFE, ICAO Standard Atmosphere and transition altitude, layer and level. It also defines true, indicated, corrected, pressure and density altitudes. This programme was reformatted for video from the audioslide programme S684.

1990. 20 minutes.

English, French and Spanish

Order No. V684 B NTSC \$80.00

Order No. V684 C PAL \$104.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00

Carburetors — Principles of Operation

This video shows the basic principles of operation of a carburettor, the functions of the various parts, the utilization of pressure differential and the venturi principle. It is suitable for a beginning course for aviation mechanics.

1957. 25 minutes (black and white).

English only

Order No. V363 B NTSC \$80.00

Order No. V363 C PAL \$104.00

Eagle-eyed Pilot

This video discusses illusions of light and perspective, dark adaptation, auto-kinetics, relative motion, and the effects of hypoxia, nutrition, alcohol, smoking and drugs on vision. This video is intended for pilot training and will help develop an "eagle-eyed" attitude.

1971. 26 minutes.

English, French and Spanish

Order No. V669 B NTSC \$80.00

Order No. V669 C PAL \$104.00

Flying Floats

This video demonstrates techniques for operating float planes.

1983. 21 minutes.

English, French and Spanish

Order No. V651 B NTSC \$80.00

Order No. V651 C PAL \$104.00

Helicopter Icing

This video explains the phenomenon of structural icing.

1966. 29 minutes (black and white).

English only

Order No. V305 B NTSC \$80.00

Order No. V305 C PAL \$104.00

How Airplanes Fly

This video demonstrates the basics of flight aerodynamics.

1968. 19 minutes.

English only

Order No. V465 B NTSC \$80.00

Order No. V465 C PAL \$104.00

Instrument Flight Control — Diaphragm Instruments

The instruments discussed are the altimeter, vertical speed indicator, airspeed indicator and the Mach number indicator. This video was reviewed in 1985 — the information it contains retains its training value.

1961. 18 minutes (black and white).

English only

Order No. V444 B NTSC \$80.00

Order No. V444 C PAL \$104.00

Landing Gear — Tires and Brakes

This video illustrates how aircraft tires and brakes are designed to withstand tremendous forces. As introductory and informational material, this aid lends itself to a class for mechanics or maintenance engineers.

1969. 22 minutes.

English, French and Spanish

Order No. V415 B NTSC \$80.00

Order No. V415 C PAL \$104.00

The Last Fifty Feet

This video provides real examples of bad landings with a discussion of their causes and recovery techniques.

1969. 13 minutes.

English, French and Spanish

Order No. V537 B NTSC \$72.00

Order No. V537 C PAL \$96.00

Mountain Flying

In this video, experienced pilots share their knowledge and offer useful advice.

1978. 24 minutes.

English, French and Spanish

Order No. V624 B NTSC \$80.00

Order No. V624 C PAL \$104.00

Murphy's Law

Is there anyone who hasn't heard of Murphy's Law? It says: "If some part can be installed incorrectly ... someone will do it." This short, easy-to-watch animated training aid is good for a training course or a safety refresher class for mechanics.

1970. 11 minutes.

English, French and Spanish

Order No. V519 B NTSC \$72.00

Order No. V519 C PAL \$96.00

Nondestructive Testing

Stress cracks and other defects are often invisible to the eye and require detection by non-destructive testing techniques. This video provides an overview of the many methods available and is intended for use in a maintenance course.

1975. 18 minutes.

English, French and Spanish

Order No. V571 B NTSC \$80.00

Order No. V571 C PAL \$104.00

Nothing on the Clock

This video has a safety message for both the experienced pilot and the beginner. It shows causes of and responses to actual incidents to encourage the viewer to avoid similar pitfalls.

1979. 23 minutes.

English, French and Spanish

Order No. V631 B NTSC \$80.00

Order No. V631 C PAL \$104.00

Overwater Flying

This video presents good advice from pilots experienced in overwater flying.

1983. 26 minutes.

English, French and Spanish

Order No. V652 B NTSC \$80.00

Order No. V652 C PAL \$104.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00

Path to Safety

In this video a flight instructor and his class discuss accidents and incidents they have experienced.
 1967. 22 minutes.
 English only
Order No. V492 B NTSC \$80.00
Order No. V492 C PAL \$104.00

Pressing the Weather

The weather is an unavoidable factor in a pilot's environment. This video discusses the safety aspects of flying in various weather situations.
 1980. 17 minutes.
 English, French and Spanish
Order No. V629 B NTSC \$80.00
Order No. V629 C PAL \$104.00

Propstrike

A rotating propeller blade achieves near invisibility. This video will be useful to training institutions, flying clubs, and in safety programmes and seminars.
 1980. 18 minutes.
 English, French and Spanish
Order No. V632 B NTSC \$80.00
Order No. V632 C PAL \$104.00

Radio Antennas — Ground and Aircraft

The characteristics and functions of different types of ground, aircraft and radar antennas are covered in this introductory training aid for technicians.
 1968. 18 minutes (black and white).
 English, French and Spanish
Order No. V196 B NTSC \$80.00
Order No. V196 C PAL \$104.00

Some Thoughts on Winter Flying

Flying in winter weather conditions requires special precautions. Proper pre-flight and post-flight securing, frost removal, ice, skis, winter survival, cold weather emergency equipment and whiteouts are some of the topics discussed for both fixed-wing aeroplanes and helicopters.
 1975. 23 minutes.
 English, French and Spanish
Order No. V667 B NTSC \$80.00
Order No. V667 C PAL \$104.00

Stalling for Safety

Learning the conditions under which stalls occur and the recovery techniques is an important part of any flight instruction. This video reviews the aerodynamics involved and stresses the importance of practice in recovering from stalling.
 1974. 18 minutes.
 English, French and Spanish
Order No. V601 B NTSC \$80.00
Order No. V601 C PAL \$104.00

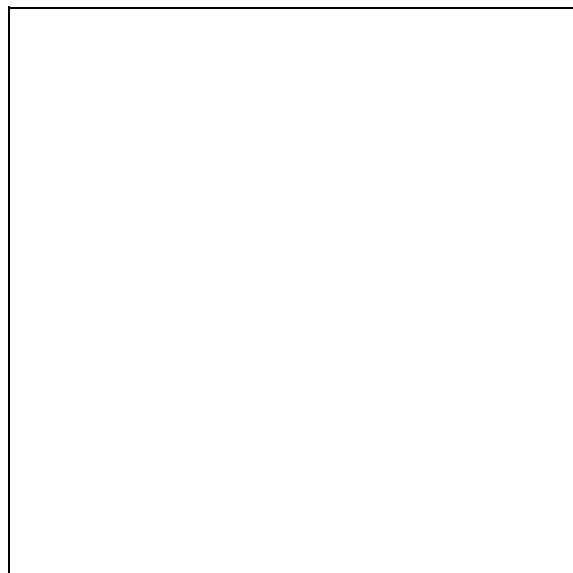
Take-off Performance in Slush

This video discusses operations in slush and shows the results of tests designed to determine: 1) slush drag forces; 2) incipient damage boundaries; 3) spray patterns; and 4) aquaplaning characteristics.
 1963. 25 minutes.
 English only
Order No. V471 B NTSC \$80.00
Order No. V471 C PAL \$104.00

Take-offs and Landings

This video is really three short videos on landings: soft field, short field, and crosswind landings. Sound advice is given and common errors are illustrated.
 1975. 14 minutes.
 English, French and Spanish
Order No. V604 B NTSC \$72.00
Order No. V604 C PAL \$96.00

CD-ROM



Preventing CFIT accidents is the major goal of this training aid. The CD-ROM consists primarily of a document in five sections developed by an international CFIT Task Force. Section one provides management with a concise but comprehensive view of the document. Section two identifies areas where those people who govern, regulate and run the industry can best put their efforts to prevent CFIT. Section three provides the history of CFIT, along with causal factors, traps and solutions. Section four provides academic and simulator training programmes aimed at flight crews and their responsibilities and duties in preventing CFIT. Appendices include briefings, the narrative of a video, and aeroplane-specific examples of the CFIT escape manoeuvre. Section five contains CFIT accident/incident information and the CFIT checklist.
 (English only)
Order No. 725281 \$99.00

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**.....\$96.00

AUDIOSLIDES

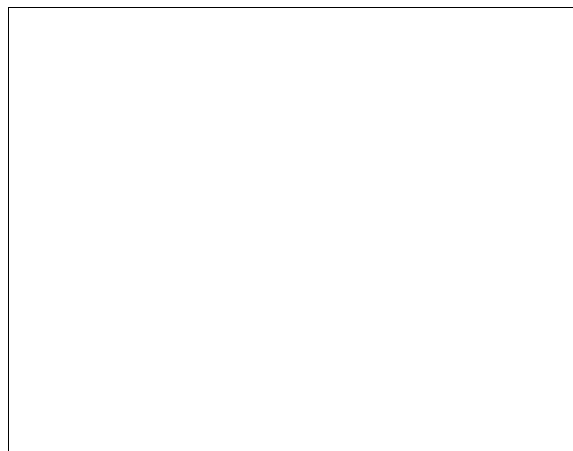
Altimetry — Basic Principles

This audioslide programme clarifies the relationship of altitude, height and flight level. It explains altimeter settings and corrections, hectopascals, QNH, QFE, ICAO Standard Atmosphere and transition altitude, layer and level. It also defines true, indicated, corrected, pressure and density altitudes. This programme was also reformatted for video V684.

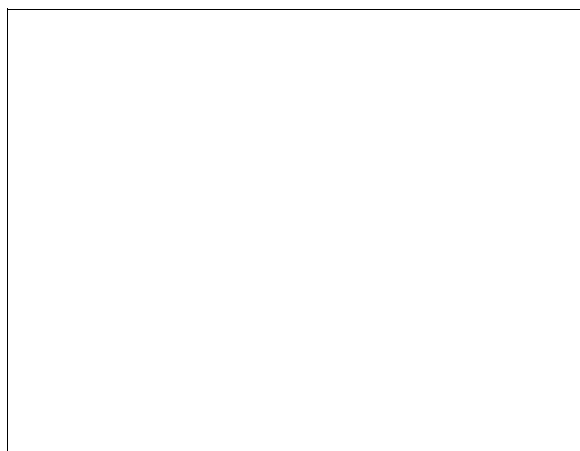
1989. 76 slides.

English, French and Spanish

Order No. S684 \$80.00



POSTERS



Altimeter Setting Procedures

This poster depicts the relationships between QFE, QNH, flight levels, altitude, height, elevation, etc.

1984. 61 x 46 cm.

English, French and Spanish

Order No. P640 \$7.00

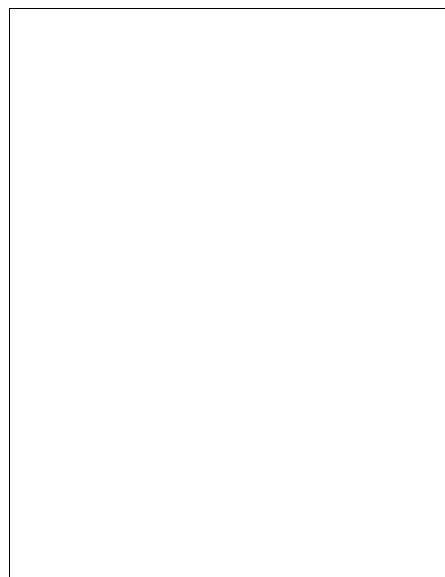
Aircraft Ground De/Anti-icing

This poster alerts flight crew and other operational personnel to the potential risks of winter operations and supports situational awareness regarding aircraft ground de/anti-icing. It promotes the application of the *Clean Aircraft Concept* by displaying six major check-points of necessary action to ascertain a clean aircraft before attempting take-off.

1996. 61 x 46 cm.

English, French, Russian and Spanish

Order No. P706 \$7.00



ICAO Dangerous Goods Labels

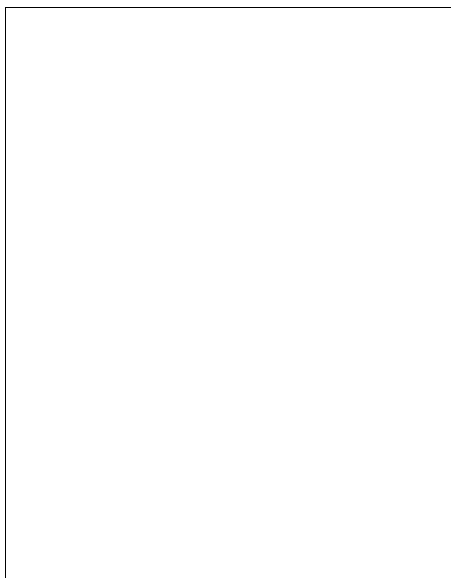
This poster is a useful supplement to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284). A copy of this poster has been incorporated in each book of the *Dangerous Goods Training Programme* (Doc 9375).

1995. 22 x 28 cm. Reprinted May 1998.

English, French, Russian and Spanish

Order No. P675 \$32.00 (lot of 10)

Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00



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 x 61 cm.

English, French, Russian and Spanish

Order No. P633 \$7.00

AIR TRANSPORT

AVSEC — AVIATION SECURITY

VIDEOS

The Common Sense of Security

This video is for airline personnel — particularly passenger agents and others dealing with the public — who need to be sensitized to potential threats of sabotage against civil aviation. Topics discussed include precautions to take with unattended baggage, positive passenger-bag match and access control protocols such as displaying security badges in restricted areas. A related video is *The Sabotage Sector* [V671].

1986. 19 minutes.

English, French and Spanish

Order No. V670 B NTSC \$80.00

Order No. V670 C PAL \$104.00

The Sabotage Sector

The aviation security methods discussed in this video, such as screening and searching of passengers and their baggage, are suitable as security awareness training for all airline personnel. A related video is *The Common Sense of Security* [V670].

1986. 15 minutes.

English, French and Spanish

Order No. V671 B NTSC \$72.00

Order No. V671 C PAL \$96.00

Unlawful Seizure/Hijacking — Crew Member Response

This video outlines suggested measures to be taken in the safeguarding of passengers and crew during incidents of unlawful interference such as a hijacking. This programme was reformatted for video from the audioslide programme S655.

1985. 35 minutes.

English, French and Spanish

Order No. V655 B NTSC \$88.00

Order No. V655 C PAL \$112.00

AUDIOSLIDES

The Airport Security Programme

The four parts of the Airport Security Programme are designed as an integrated package, but each component can stand alone. The focus is on techniques of pre-boarding security inspection and screening of passengers and baggage.

The Security Officer

1983. 135 slides.

English, French and Spanish

Order No. S639P1 \$104.00

Searching Persons and Baggage by Hand

1983. 101 slides.

English, French and Spanish

Order No. S639P2 \$104.00

Use of Metal Detection Units

1983. 88 slides.

English, French and Spanish

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1983. 117 slides.

English, French and Spanish

Order No. S639P4 \$104.00

Unlawful Seizure/Hijacking — Crew Member Response

This aid outlines suggested measures to be taken in the safeguarding of passengers and crew during incidents of unlawful interference such as a hijacking. It is also available in video format [V655].

1985. 131 slides.

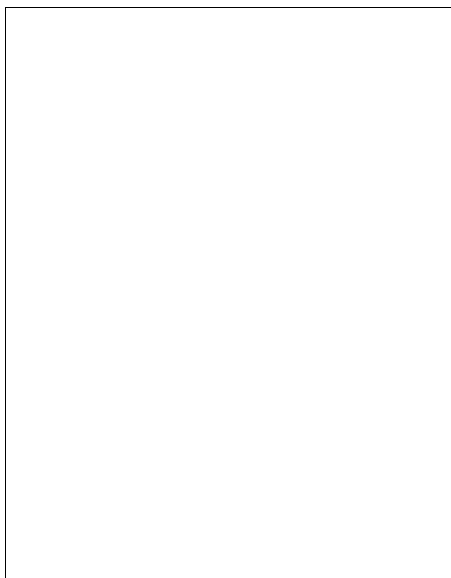
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Posters are sold individually and in a package containing one of each: **Order No. P-ALL**....\$96.00

ECP — ECONOMIC POLICY

POSTER



Five Freedoms of the Air

This poster depicts the freedoms of the air which are granted by one State to another in respect of scheduled international air services.

1970. 46 x 61 cm. Reprinted September 1998.

English, French and Spanish

Order No. P543 \$7.00

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.

English, Arabic, Chinese, French, Spanish and Russian

Order No. V682 B NTSC \$40.00

Order No. V682 C PAL \$40.00

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.

English, French and Spanish

Order No. V648 B NTSC \$48.00

Order No. V648 C PAL \$48.00

Making a Standard

This video outlines the development process of the Standards and Recommended Practices by which worldwide aviation functions. This programme is of value to anyone connected with the aeronautical regulatory bodies of Contracting States and is of particular interest to someone about to take part in the process as a technical expert or representative of a Contracting State. This programme was reformatted for video from the audioslide programme S646.

1984. 19 minutes.

English only (French and Spanish available in audioslide format S646).

Order No. V646 B NTSC \$80.00

Order No. V646 C PAL \$104.00

AUDIOSLIDES

Making a Standard

This audioslide presentation outlines the development process of the Standards and Recommended Practices by which worldwide aviation functions. This programme is of value to anyone connected with the aeronautical regulatory bodies of Contracting States and is of particular interest to someone about to take part in the process as a technical expert or as a representative of a Contracting State. This aid is also available in video format V646 (English only).

1984. 65 slides.

English, French and Spanish

Order No. S646 \$80.00

Posters are sold individually *and* in a package containing one of each: **Order No. P-ALL**....\$96.00

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