

COVER SHEET TO AMENDMENT 60

**INTERNATIONAL STANDARDS
AND RECOMMENDED PRACTICES**

AERONAUTICAL CHARTS

**ANNEX 4
TO THE CONVENTION ON INTERNATIONAL CIVIL AVIATION**

ELEVENTH EDITION — JULY 2009

INTERNATIONAL CIVIL AVIATION ORGANIZATION

	<i>Effective date</i>	<i>Date of applicability</i>
Eleventh Edition (incorporates Amendments 1 to 55)	20 July 2009	19 November 2009; 18 November 2010
Amendment 56 (adopted by the Council on 24 February 2010)	12 July 2010	18 November 2010; 12 November 2015
Amendment 57 (adopted by the Council on 27 February 2013)	15 July 2013	14 November 2013
Amendment 58 (adopted by the Council on 3 March 2014)	14 July 2014	13 November 2014
Amendment 59 (adopted by the Council on 22 February 2016)	11 July 2016	10 November 2016
Amendment 60 (adopted by the Council on 9 March 2018) Replacement pages (x), (xvii), 1-3, 1-8, 2-5 to 2-7, 5-2 to 5-6	16 July 2018	8 November 2018



Transmittal note

Amendment 60

to the

International Standards
and Recommended Practices

AERONAUTICAL CHARTS

(Annex 4 to the Convention on International Civil Aviation)

1. Insert the following replacement pages in Annex 4 (Eleventh Edition) to incorporate Amendment 60 which becomes applicable on 8 November 2018:
 - a) Page (x) — Table of Contents
 - b) Page (xvii) — Foreword
 - c) Pages 1-3 and 1-8 — Chapter 1
 - d) Pages 2-5 to 2-7 — Chapter 2
 - e) Pages 5-2 to 5-6 — Chapter 5
 2. Remove Appendix 6 in its entirety.
 3. Record the entry of this amendment on page (iii).
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Amendment	Source(s)	Subject(s)	Adopted Effective Applicable
55 (11th Edition)	Secretariat with the assistance of the RNPSORSG; proposals by AP/1; and Recommendation 9/3 of IFPP/WG/WHL/1.	Definitions and new provisions relating to performance-based navigation terminology; symbols for wind turbines; a hierarchy of symbols for significant points, and publication of bearings and tracks additionally as True values.	4 March 2009 20 July 2009 19 November 2009; 18 November 2010
56	Secretariat with the assistance of the Aeronautical Information Services-Aeronautical Information Management Study Group (AIS-AIMSG)	Definitions and new provisions relating to cyclic redundancy check (CRC) and an extended applicability date for the Aerodrome Terrain and Obstacle Chart — ICAO (Electronic).	24 February 2010 12 July 2010 18 November 2010; 12 November 2015
57	Secretariat with assistance from the Aeronautical Information Services to Aeronautical Information Management Study Group (AIS-AIMSG)	Integrity of aeronautical data.	27 February 2013 15 July 2013 14 November 2013
58	Seventh, eighth, ninth, tenth and eleventh meetings of the Instrument Flight Procedure Panel Working Group of the Whole (IFPP/WG-WHL/7, 8, 9, 10 and 11)	Amendment concerning procedure design criteria and charting requirements to support helicopter point-in-space (PinS) approach and departure operations.	3 March 2014 14 July 2014 13 November 2014
59	Second meeting of the Operational Data Link Panel (OPLINKP/2); and twelfth meeting of the Instrument Flight Procedure Panel (IFPP/12)	Provisions concerning satellite voice communications (SATVOICE); visual segment surface (VSS) penetrations charting requirements; and update of the provisions relating to publication depiction and functionality requirements of fly-by and fly-over significant points, area minimum altitude (AMA), CAT H procedures and en-route airway directional use restrictions.	22 February 2016 11 July 2016 10 November 2016
60	Twelfth meeting of the Aeronautical Information Service (AIS) to Aeronautical Information Management (AIM) Study Group (AIS-AIMSG/12) and the thirteenth meeting of the Instrument Flight Procedures Panel (IFPP/13)	Amendments as a result of the review and restructure of Annex 15 — <i>Aeronautical Information Services</i> and the introduction of PANS-AIM concerning data quality requirements and performance-based data error detection requirements; and amendments as a result of the revised definition and description of “procedure altitude/height” in the <i>Procedures for Air Navigation Services — Aircraft Operations</i> , Volume I — <i>Flight Procedures</i> and Volume II — <i>Construction of Visual and Instrument Flight Procedures</i> (Doc 8168).	9 March 2018 16 July 2018 8 November 2018