

## **ANNEXE A: EUROPEAN AIP CONTENT**

## A.1 INTRODUCTION

### A.1.1 General

The following tables provide the structure of an AIP as provided by ICAO Annex 15, Appendix 1.

For each item an indication is made whether it is applicable for Upper Airspace (UIR), Lower Airspace (FIR), Terminal Area (TMA), or for Aerodromes (AD).

This information should be used to gain a high-level overview of the likely content of, initially, the EUIR AIP, but later a European AIP with any content.

A tick indicating that a section is required should not be taken to mean that all of the information must be supplied.

For example, GEN3.5.7 (VOLMET Service) states that a “*list of Aerodromes/Heliports for which reports and/or forecasts are available and included*” should be provided. However, whilst the VOLMET service is applicable in an upper airspace AIP, the list of Aerodromes would not be needed.

### A.1.2 Part 1 – General (GEN)

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN</b>	✓	✓		
<b>GEN 0.1 Preface</b>				
Brief description of the Aeronautical Information Publication (AIP), including:				
1) name of the publishing authority;	✓	✓		
2) applicable ICAO documents;				
3) the AIP structure and established regular amendment interval; and				
4) service to contact in case of detected AIP errors or omissions.				
<b>GEN 0.2 Record of AIP Amendments</b>				
A record of AIP Amendments and AIRAC AIP Amendments (published in accordance with the AIRAC system) containing:				
1) amendment number;	✓	✓		
2) publication date;				
3) date inserted (for the AIRAC AIP Amendments, effective date); and				
4) initials of officer who inserted the amendment.				

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 0.3 Record of AIP Supplements</b>  A record of issued AIP Supplements containing: <ol style="list-style-type: none"> <li>1) Supplement number;</li> <li>2) Supplement subject;</li> <li>3) AIP section(s) affected;</li> <li>4) period of validity; and</li> <li>5) cancellation record.</li> </ol>	✓	✓		
<b>GEN 0.4 Checklist of AIP pages</b>  A checklist of AIP pages containing: <ol style="list-style-type: none"> <li>1) page number/chart title; and</li> <li>2) publication or effective date (day, month by name and year) of the aeronautical information.</li> </ol>	✓	✓		
<b>GEN 0.5 List of hand amendments to the AIP</b>  <ol style="list-style-type: none"> <li>1) AIP page(s) affected;</li> <li>2) Amendment text; and</li> <li>3) AIP Amendment number by which a hand amendment was introduced.</li> </ol>	✓	✓		
<b>Gen 0.6 Table of contents to Part 1</b>  A list of sections and subsections contained in part 1 – General (GEN).  <i>Note. – Subsections may be listed alphabetically</i>	✓	✓		
<b>GEN 1. NATIONAL REGULATIONS AND REQUIREMENTS</b>	✓	✓		
<b>GEN 1.1 Designated authorities</b>  The addresses of designated authorities concerned with the facilitation of international air navigation (civil aviation, meteorology, customs, immigration, health, en-route and aerodrome/heliport charges, agricultural quarantine and aircraft accident investigation) containing, for each authority: <ol style="list-style-type: none"> <li>1) designated authority;</li> <li>2) name of the authority;</li> <li>3) postal address;</li> <li>4) telephone number;</li> <li>5) telefax number;</li> <li>6) telex number; and</li> <li>7) aeronautical fixed service (AFS) address.</li> </ol>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 1.2 Entry, transit and departure of aircraft</b>  Regulations and requirements for advance notification and applications for permissions concerning entry, transit and departure of aircraft on international flights.	✓	✓		
<b>GEN 1.3 Entry, transit and departure of passengers and crew</b>  Regulations (including customs, immigration and quarantine, and requirements for advance notification and applications for permission) concerning entry, transit and departure of non-immigrant passengers and crew.	✓	✓		
<b>GEN 1.4 Entry, transit and departure of cargo</b>  Regulations (including customs, and requirements for advance notification and applications for permission) concerning entry, transit and departure of cargo.  <i>Note. – Provisions for facilitating entry and departure for search, rescue salvage, investigation, repair or salvage in connections with lost or damaged aircraft are detailed in section GEN 3.6 search and rescue.</i>	✓	✓		
<b>GEN 1.5 Aircraft instruments, equipment and flight documents</b>  Brief description of aircraft instruments, equipment and flight documents, including:  1) instruments, equipment (including aircraft communication and navigation equipment) and flight documents to be carried on aircraft, including any special requirement in addition to the provisions specified in Annex 6, Part I, Chapters 6 and 7; and 2) emergency locator transmitter (ELT), signalling devices and life-saving equipment as presented in Annex 6, Part I, 6.6 and Part II, 6.4 where so determined by regional air navigation meetings, for flights over designated land areas.	✓	✓		
<b>GEN 1.6 Summary of national regulations and international agreements/conventions</b>  A list of titles and references and, where applicable, summaries of national regulations affecting air navigation, together with a list of international agreements/conventions ratified by State.	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 1.7 Differences from ICAO Standards, Recommended Practices and Procedures</b>  A list of significant differences between national regulations and practices of the State and related ICAO provisions including: <ol style="list-style-type: none"> <li>1) provision affected (Annex and edition number, paragraph); and</li> <li>2) difference in full text.</li> </ol> <p>All significant differences must be listed under this subsection. All Annexes must be listed in numerical order even if there is no difference to an Annex, in which case a NIL notification must be provided. National differences or the degree of non-application of the regional supplementary procedures (SUPPS) must be notified immediately following the Annex to which the supplementary procedure relates.</p>	✓	✓		
<b>GEN 2. TABLES AND CODES</b>	✓	✓		
<b>GEN 2.1 Measuring system, aircraft markings, holidays</b>	✓	✓		
<b>GEN 2.1.1 Units of measurement</b>  Descriptions of units of measurements used including table of units of measurement.	✓	✓		
<b>GEN 2.1.2 Time system</b>  Description of time system employed, together with an indication of whether or not daylight saving hours are employed and how the time system is presented throughout the AIP.	✓	✓		
<b>GEN 2.1.3 Geodetic reference datum</b>  Brief description of geodetic datum used, including: <ol style="list-style-type: none"> <li>1) name/designation of datum(s);</li> <li>2) area(s) of application; and</li> <li>3) explanation, if applicable, of asterix used to identify those coordinates which do not meet Annexes 4 and 15 requirements.</li> </ol>	✓	✓		
<b>GEN 2.1.4 Aircraft nationality and registration marks</b>  Indication of aircraft nationality and registration marks adopted by the State.	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 2.1.5 Public holidays</b>  A list of public holidays with indication of services being affected.	✓	✓		
<b>GEN 2.2 Abbreviations used in AIS publications</b>  A list of alphabetically arranged abbreviations and their respective significations used by the State in its Aeronautical Information Publication and in the dissemination of aeronautical information with appropriate annotation for those national abbreviations which are different from <i>Procedures for Air Navigation Services – ICAO Abbreviations and Codes</i> (PANS-ABC, Doc 8400).  <i>Note. – A list of alphabetically arranged definitions/glossary of terms may also be added.</i>	✓	✓		
<b>GEN 2.3 Chart symbols</b>  A list of chart symbols arranged according to the chart series where symbols are applied.	✓	✓		
<b>GEN 2.4 Location indicators</b>  A list of alphabetically arranged location indicators assigned to the locations of aeronautical fixed stations to be used for encoding and decoding purposes. An annotation to locations not connected to the Aeronautical Fixed Service (AFS) must be provided.	✓	✓		
<b>GEN 2.5 List of radio navigation aids</b>  A list of radio navigation aids arranged alphabetically, containing: <ol style="list-style-type: none"> <li>1) identifier;</li> <li>2) name of the station;</li> <li>3) type of facility/aid; and</li> <li>4) indication whether aid serves enroute (E), aerodrome (A) or dual (AE) purposes.</li> </ol>	✓	✓		
<b>GEN 2.6 Conversion tables</b>  Table for conversion between: <ol style="list-style-type: none"> <li>1) nautical miles and kilometres and vice versa;</li> <li>2) feet and metres and vice versa;</li> <li>3) decimal minutes of arc and seconds of arc and vice versa; and</li> <li>4) other conversion tables, as appropriate.</li> </ol>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 2.7 Sunrise/sunset tables</b>				
Brief description of criteria used for determination of the times given in the sunrise/sunset tables, together with an alphabetical list of locations for which the times are given with a reference to the related page in the table and the sunrise/sunset tables for the selected stations/locations, including: <ul style="list-style-type: none"> <li>1) station name;</li> <li>2) ICAO location indicator;</li> <li>3) Geographical coordinates in degrees and minutes;</li> <li>4) Date(s) for which times are given;</li> <li>5) Time for the beginning of morning civil twilight;</li> <li>6) Time for sunrise;</li> <li>7) Time for sunset; and</li> <li>8) Time for the end of evening civil twilight.</li> </ul>	x	✓		
<b>GEN 3. SERVICES</b>	✓	✓		
<b>GEN 3.1 Aeronautical information services</b>	✓	✓		
<b>GEN 3.1.1 Responsible service</b> Description of the Aeronautical Information Service (AIS) provided and its major components, including: <ul style="list-style-type: none"> <li>1) service/unit name;</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number;</li> <li>6) AFS address;</li> <li>7) A statement concerning the ICAO documents on which the service is based and a reference to the AIP location where differences, if any, are listed; and</li> <li>8) An indication if service is not H24.</li> </ul>	✓	✓		
<b>GEN 3.1.2 Area of responsibility</b>  The area of responsibility for the aeronautical information service.	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p>GEN 3.1.3 Aeronautical publications</p> <p>Description of the elements if the Integrated Aeronautical Information Package, including:</p> <ol style="list-style-type: none"> <li>1) AIP and related amendment service;</li> <li>2) AIP Supplements;</li> <li>3) AIC;</li> <li>4) NOTAM and pre-flight information bulletins (PIB);</li> <li>5) Checklists and summaries; and</li> <li>6) How they may be obtained.</li> </ol> <p>When an AIC is used to promulgate publication prices, that must be indicated in this section of the AIP.</p>	✓	✓		
<p>GEN 3.1.4 AIRAC system</p> <p>Brief description of the AIRAC system provided including a table of present and near future AIRAC dates.</p>	✓	✓		
<p>GEN 3.1.5 Pre-flight information service at aerodromes/heliports</p> <p>A list of aerodromes/heliports at which pre-flight information is routinely available, including an indication of relevant:</p> <ol style="list-style-type: none"> <li>1) elements of the Integrated Aeronautical Information Packages held;</li> <li>2) maps and charts held; and</li> <li>3) general area of coverage of such data.</li> </ol>	✗	✗		
<b>GEN 3.2 Aeronautical charts</b>	✓	✓		
<p>GEN 3.2.1 Responsible service(s)</p> <p>Description of service(s) responsible for the productions of aeronautical charts, including:</p> <ol style="list-style-type: none"> <li>1) service name;</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number;</li> <li>6) AFS address;</li> <li>7) a statement concerning the ICAO documents on which the service is based with a reference to the AIP location where differences, if any, are listed; and</li> <li>8) an indication if service is not H24.</li> </ol>	✓	✓		



<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
GEN 3.2.2 Maintenance of charts  Brief description of how aeronautical charts are revised and amended.	✓	✓		
GEN 3.2.3 Purchase agreements  Details of how charts may be obtained, containing:  1) services/sales agency(ies) 2) postal address; 3) telephone number; 4) telefax number; 5) telex number; 6) AFS address;	✓	✓		
GEN 3.2.4 Aeronautical chart series available  A list of aeronautical chart series available followed by a general description of each series and an indication of the intended use.	✓	✓		
GEN 3.2.5 list of aeronautical charts available  A list of aeronautical charts available, including:  1) title of series; 2) scale of series; 3) name and/or number of each chart or each sheet in a series; 4) price per sheet; and 5) date of latest revision.	✓	✓		
GEN 3.2.6 Index to the World Aeronautical Chart (WAC) – ICAO 1:1 000 000  An index showing coverage and sheet layout for the WAC – ICAO 1:1 000 000 produced by a State. If Aeronautical Chart – ICAO 1:500 00 is produced instead of WAC – ICAO 1:1 000 000, index charts must be used to indicate coverage and sheet layout for the Aeronautical Chart – ICAO 1:500 00.	✓	✓		
GEN 3.2.7 topographical charts  Details of how topographical charts may be obtained, containing:  1) name of service/agency(ies); 2) postal address; 3) telephone number; 4) telefax number; 5) telex number; 6) AFS address;	x	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
GEN 3.2.8 Corrections to charts not contained in the AIP  A list of corrections to aeronautical charts not contained in the AIP, or an indication where such information can be obtained.	✓	✓		
<b>GEN 3.3 Air traffic services</b>	✓	✓		
GEN 3.3.1 Responsible service Description of the air traffic service and its major components, including: 1) service name; 2) postal address; 3) telephone number; 4) telefax number; 5) telex number; 6) AFS address; 7) a statement concerning the ICAO documents on which the service is based and a reference to the AIP location where differences, if any, are listed; and 8) an indication if service is not H24.	✓	✓		
GEN 3.3.2 Area of responsibility  Brief description of area of responsibility for which air traffic services are provided.	✓	✓		
GEN 3.3.3 Types of service  Brief description of main types of air traffic services provided.	✓	✓		
GEN 3.3.4 Coordination between the operator and ATS  General conditions under which coordination between the operator and air traffic services is effected.	✓	✓		
GEN 3.3.5 Minimum flight altitude  The criteria used to determine minimum flight altitudes.	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 3.3.6 ATS units address list</b>  A list of ATS units and their addresses arranged alphabetically, containing: <ol style="list-style-type: none"> <li>1) unit name</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number; and</li> <li>6) AFS address.</li> </ol>	✓	✓		
<b>GEN 3.4 Communication services</b>	✓	✓		
<b>GEN 3.4.1 Responsible service</b>  Description of service responsible for the provision of telecommunication and navigation facilities, including: <ol style="list-style-type: none"> <li>1) service name</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number;</li> <li>6) AFS address;</li> <li>7) a statement concerning the ICAO documents on which the service is based and a reference to the AIP location where differences, if any, are listed; and</li> <li>8) an indication if service is not H24.</li> </ol>	✓	✓		
<b>GEN 3.4.2 Area of responsibility</b>  Brief description of area of responsibility for which telecommunication service is provided.	✓	✓		
<b>GEN 3.4.3 Types of service</b>  Brief description of the main types of service and facilities provided, including: <ol style="list-style-type: none"> <li>1) radio navigation services;</li> <li>2) mobile service;</li> <li>3) broadcasting service;</li> <li>4) language(s) used; and</li> <li>5) an indication of where detailed information can be obtained.</li> </ol>	✓	✓		
<b>GEN 3.4.4 Requirements and conditions</b>  Brief description concerning the requirements and conditions under which the communication service is available.	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 3.5 Meteorological services</b>	✓	✓		
GEN 3.5.1 Responsible service				
Brief description of the meteorological service responsible for the provision of meteorological information, including: <ul style="list-style-type: none"> <li>1) service name</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number;</li> <li>6) AFS address;</li> <li>7) a statement concerning the ICAO documents on which the service is based and a reference to the AIP location where differences, if any, are listed; and</li> <li>8) an indication if service is not H24.</li> </ul>	✓	✓		
GEN 3.5.2 Area of responsibility				
Brief description of area and-or air routes for which meteorological service is provided.	✓	✓		
GEN 3.5.3 Meteorological observations and reports				
Detailed description of the meteorological observations and reports provided for international air navigation, including: <ul style="list-style-type: none"> <li>1) name of the station and the ICAO location indicator;</li> <li>2) type and frequency of observation including an indication of automatic observing equipment;</li> <li>3) specific type of observation system and number of observation sites used to observe and report surface wind, visibility, runway visual range, cloud base, temperature and, where applicable, wind shear (e.g. anemometer at intersection of runways, transmissometer next to touchdown zone, etc.);</li> <li>4) hours of operation; and</li> <li>5) indication of aeronautical climatological information available.</li> </ul>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p>GEN 3.5.4 Types of service</p> <p>Brief description of the main types of service provided, including details of briefing, consultation, display of meteorological information, flight documentation available for operators and flight crew members, and the methods and means used for supplying the meteorological information.</p>	✓	✓		
<p>GEN 3.5.5 Notification required from operators</p> <p>Minimum amount of advance notice required by the meteorological authority from operators in respect of briefing, consultation and flight documentation and other meteorological information they require or change.</p>	✓	✓		
<p>GEN 3.5.6 Aircraft reports</p> <p>As necessary, requirements of the meteorological authority for the making and transmission of aircraft reports.</p>	✓	✓		
<p>GEN 3.5.7 VOLMET service</p> <p>Description of VOLMET service, including:</p> <ol style="list-style-type: none"> <li>1) name of transmitting station;</li> <li>2) call sign or identification and abbreviation for the radio communication emission;</li> <li>3) frequency or frequencies used for broadcast;</li> <li>4) broadcasting period;</li> <li>5) hours of service;</li> <li>6) list of aerodromes/heliports for which reports and/or forecasts are included; and</li> <li>7) reports, forecasts and SIGMET information included and remarks.</li> </ol>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p>GEN 3.5.8 SIGMET and AIRMET service</p> <p>Description of the meteorological watch provided within flight information regions or control areas for which air traffic services are provided, including a list of the meteorological watch offices with:</p> <ol style="list-style-type: none"> <li>1) name of the meteorological watch office, ICAO location indicator;</li> <li>2) hours of service;</li> <li>3) flight information region(s) or control area(s) served;</li> <li>4) types of SIGMET information used (SIGMET, SST SIGMET) and validity periods;</li> <li>5) specific procedures applied to SIGMET information (e.g. for volcanic ash and tropical cyclones)</li> <li>6) procedures applied to AIRMET information (in accordance with relevant regional air navigation agreements);</li> <li>7) the air traffic services unit(s) provided with SIGMET and AIRMET information; and</li> <li>8) additional information (e.g. concerning any limitation of service, etc.).</li> </ol>	✓	✓		
<p>GEN 3.5.9 Other automated meteorological services</p> <p>Description of available automated services for the provision of meteorological information (e.g. automated pre-flight information service accessible by telephone and/or computer modem) including:</p> <ol style="list-style-type: none"> <li>1) service name;</li> <li>2) information available;</li> <li>3) areas, routes and aerodromes covered; and</li> <li>4) telephone, telex and fax number(s).</li> </ol>	✓	✓		
<b>GEN 3.6 Search and rescue</b>	?	?		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p>GEN 3.6.1 Responsible service(s)</p> <p>Brief description service(s) responsible for the provision of search and rescue (SAR), including:</p> <ol style="list-style-type: none"> <li>1) service/unit name;</li> <li>2) postal address;</li> <li>3) telephone number;</li> <li>4) telefax number;</li> <li>5) telex number;</li> <li>6) AFS address; and</li> <li>7) a statement concerning the ICAO documents on which the service is based and a reference to the AIP location where differences, if any, are listed.</li> </ol>	?	?		
<p>GEN 3.6.2 Area of responsibility</p> <p>Brief description of area of responsibility within which search and rescue services are provided.</p>	?	?		
<p>GEN 3.6.3 Types of service</p> <p>Brief description and geographical portrayal, where appropriate, of the type of service and facilities provided including indications where SAR aerial coverage is dependent upon significant deployment of aircraft.</p>	?	?		
<p>GEN 3.6.4 SAR agreements</p> <p>Brief description of SAR agreements in force, including provisions for facilitating entry and departure of other States' aircraft for search, rescue, salvage, repair or salvage in connection with lost or damaged aircraft, either with airborne notification only or after flight plan notification.</p>	?	?		
<p>GEN 3.6.5 Conditions of availability</p> <p>Brief description of provisions for search and rescue, including the general conditions under which the service and facilities are available for international use, including an indication of whether a facility available for search and rescue is specialised in SAR techniques and functions, or is specially used for other purposes but adapted for SAR purposes by training and equipment, or is only occasionally available and has no particular training or preparation for SAR work.</p>	?	?		
<p>GEN 3.6.6 Procedures and signals used</p> <p>Brief description of the procedures and signals employed by rescue aircraft and a table showing the signals to be used by survivors.</p>	?	?		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>GEN 4. CHARGES FOR AERODROMES/HELOPORTS AND AIR NAVIGATION SERVICES</b>  <i>Reference may be made to where details of actual charges may be found, if not itemised in this chapter.</i>	✓	✓		
<b>GEN 4.1 Aerodrome/heliport charges</b>  <i>Brief description of type of charges which may be applicable at aerodromes/heliports available for international use, including:</i> <ol style="list-style-type: none"> <li>1) landing of aircraft;</li> <li>2) parking, hangarage and long-term storage of aircraft;</li> <li>3) passenger service;</li> <li>4) security;</li> <li>5) noise-related items;</li> <li>6) other (customs, health, immigration, etc.);</li> <li>7) exemptions/reductions; and</li> <li>8) methods of payment.</li> </ol>	✗	✗		
<b>Gen 4.2 Air navigation services charges</b>  <i>Brief description of charges which may be applicable to air navigation services provided for international use, including:</i> <ol style="list-style-type: none"> <li>1) approach control;</li> <li>2) route air navigation services;</li> <li>3) cost basis for air navigation services and exemptions/reductions; and</li> <li>4) methods of payment.</li> </ol>	✓	✓		



### A.1.3 Part 2 – En-Route (ENR)

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR</b>	✓	✓		
<b>ENR 0.6 Table of contents to Part 2</b>				
A list of sections and subsections contained in Part 2 – En-route.  <i>Note. – Subsections may be listed alphabetically.</i>	✓	✓		
<b>ENR 1. General Rules and Procedures</b>	✓	✓		
<b>ENR 1.1 General rules</b>				
The requirement is for publication of the general rules as applied within the State.	✓	✓		
<b>ENR 1.2 Visual flight rules</b>				
The requirement is for publication of the visual flight rules as applied within the State.	✗	✓		
<b>ENR 1.3 Instrument flight rules</b>				
The requirement is for publication of the instrument flight rules as applied within the State.	✓	✓		
<b>ENR 1.4 ATS airspace classification</b>				
The description of ATS airspace classes in the form of the ATS airspace classification table in Annex 11, Appendix 4, appropriately annotated to indicate those airspace classes not used by the State.	✓	✓		
<b>ENR 1.5 Holding, approach and departure procedures</b>	✗	✗		
<b>ENR 1.5.1 General</b>				
The requirement is for a statement concerning the criteria on which holding, approach and departure procedures are established. If different from ICAO provisions, the requirement is for presentation of criteria used in a tabular form.	✗	✗		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p>ENR 1.5.2 Arriving flights</p> <p>The requirement is to present procedures (conventional or area navigation or both) for arriving flights which are common to flights into or within the same type of airspace. If different procedures apply within a terminal airspace, a note to this effect must be given together with a reference to where the specific procedures can be found.</p>	x	x		
<p>ENR 1.5.3 Departing flights</p> <p>The requirement is to present procedures (conventional or area navigation or both) for departing flights which are common to flights departing from any aerodrome/heliport.</p>	x	x		
ENR 1.6 Radar services and procedures	✓	✓		
<p>ENR 1.6.1 Primary radar</p> <p>Description of primary radar services and procedures, including:</p> <ol style="list-style-type: none"> <li>1) supplementary services;</li> <li>2) the application of radar control service;</li> <li>3) radar and radio failure procedures; and</li> <li>4) graphic portrayal of area of radar coverage.</li> </ol>	✓	✓		
<p>ENR 1.6.2 Secondary surveillance radar (SSR)</p> <p>Description of secondary surveillance radar (SSR) operating procedures, including:</p> <ol style="list-style-type: none"> <li>1) emergency procedures;</li> <li>2) radio communication failure and unlawful interference procedures;</li> <li>3) the system of SSR code assignment; and</li> <li>4) graphic portrayal of area of SSR coverage.</li> </ol> <p><i>Note. – The SSR description is of particular importance in area or routes where the possibility of interception exists.</i></p>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 1.7 Altimeter setting procedures</b>  The requirement is for a statement of altimeter setting procedures in use, containing: <ol style="list-style-type: none"> <li>1) brief introduction with a statement concerning the ICAO documents on which the procedures are based together with difference to ICAO provisions, if any;</li> <li>2) basic altimeter setting procedures;</li> <li>3) description of altimeter setting region(s);</li> <li>4) procedures applicable to operators (including pilots); and</li> <li>5) table of cruising levels.</li> </ol>	?	?		
<b>ENR 1.8 Regional supplementary procedures</b>  The requirement is for presentation of regional supplementary procedures (SUPPS) affecting the entire area of responsibility, with properly annotated national differences, if any.	✓	✓		
<b>ENR 1.9 Air traffic flow management</b>  Brief description of air traffic flow management (AFTM) system, including <ol style="list-style-type: none"> <li>1) ATFM structure, service area, service provided, location of unit(s) and hours of operation;</li> <li>2) Types of flow messages and descriptions of the formats; and</li> <li>3) Procedures applicable for departing flights, containing:               <ol style="list-style-type: none"> <li>a) service responsible for provision of information on applied AFTM measures;</li> <li>b) flight plan requirements; and</li> <li>c) slot allocations.</li> </ol> </li> </ol>	✓	✓		
<b>ENR 1.10 Flight Planning</b>  The requirement is to indicate any restriction, limitation or advisory information related to the flight planning stage which may assist the user in the presentation of the intended flight operation, including: <ol style="list-style-type: none"> <li>1) procedures for the submission of a flight plan;</li> <li>2) repetitive flight plan system; and</li> <li>3) changes to the submitted flight plan.</li> </ol>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 1.11 Addressing of flight plan messages</b>  The requirement is for an indication, in tabular form, of the addresses allocated to flight plans, showing: <ol style="list-style-type: none"> <li>1) category of flight (IFR, VFR or both);</li> <li>2) route (into or via FIR and/or TMA); and</li> <li>3) message address.</li> </ol>	?	?		
<b>ENR 1.12 Interception of civil aircraft</b>  The requirement is for a complete statement of interception procedures and visual signals to be used with a clear indication of whether ICAO provisions are applied and if not, a complete presentation of differences.	✓	✓		
<b>ENR 1.13 Unlawful interference</b>  The requirement is for presentation of appropriate procedures to be applied in case of unlawful interference.	✓	✓		
<b>ENR 1.14 Air traffic incidents</b>  Description of air traffic incidents reporting system, including: <ol style="list-style-type: none"> <li>1) definition of air traffic incidents;</li> <li>2) use of the "Air Traffic Incident Reporting Form";</li> <li>3) reporting procedures (including in-flight procedures); and</li> <li>4) purpose of reporting and handling of the form.</li> </ol>	✓	✓		
<b>ENR 2. Air Traffic Services Airspace</b>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 2.1 FIR, UIR, TMA</b>  Detailed description of flight information regions (FIR), upper flight information regions (UIR), and terminal control areas (TMA), including: <ol style="list-style-type: none"> <li>1) name, geographical coordinates in degrees and minutes of the FIR/UIR lateral limits and in degrees, minutes and seconds of the TMA lateral limits, vertical limits and class of airspace;</li> <li>2) identification of unit providing the service;</li> <li>3) call sign of aeronautical station serving the unit and languages (s) used, specifying the area and conditions, when and where to be used, if applicable;</li> <li>4) frequencies supplemented by indications for specific purposes; and</li> <li>5) remarks.</li> </ol> <p>Control zones around military air bases not otherwise described in the AIP must be included in this subsection. Where the requirements of Annex 2 concerning flight plans, two-way communications and position reporting apply to all flights in order to eliminate or reduce the need for interceptions and/or where the possibility of interception exists and the maintenance of guard on the VHF emergency channel 121.5MHz is required, a statement to this effect must be included for the relevant area(s) or portion(s) thereof.</p> <p>A description of designated areas over which the carriage of an emergency locator transmitter (ELT) is required and where aircraft shall continuously guard the VHF emergency frequency 121.5MHz, except for those periods when aircraft are carrying out communications on other VHF channels or when airborne equipment limitations or cockpit duties do not permit simultaneous guarding of two channels.</p> <p><i>Note. – Other types of airspace around civil aerodromes/heliports such as control zones and aerodrome traffic zones are described in the relevant aerodrome or heliport section.</i></p>	✓	✓		
<b>ENR 2.2 Other regulated airspace</b>  Where established a detailed description of other types of regulated airspace and airspace classification.	✓	✓		
<b>ENR 3. ATS Routes</b>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 3.1 Lower ATS routes</b>  Detailed description of lower ATS routes, including <ol style="list-style-type: none"> <li>1) route designator, required navigation performance (RNP) type(s) applicable to a specified segment (s), names, coded designators or name-codes and the geographical coordinates in degrees, minutes and seconds of all significant points defining the route including “compulsory” or “on-request” reporting points;</li> <li>2) tracks or VOR radials to the nearest degree, geodesic distance to the nearest tenth of a kilometre or tenth of a nautical mile between each successive designated significant point and, in the case of VOR radials, changeover points;</li> <li>3) upper and lower limits or minimum flight altitudes to the nearest higher 50m or 100 ft, and airspace classification;</li> <li>4) lateral limits;</li> <li>5) direction of cruising levels; and</li> <li>6) remarks, including an indication of the controlling unit and its operating frequency.</li> </ol> <p><i>Note. – In relation to Annex 11, Appendix 1, and for flight planning purposes, the specified RNP type is not considered to be an integral part of the route designator.</i></p>	x	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 3.2 Upper ATS routes</b>  Detailed description of upper ATS routes, including: <ol style="list-style-type: none"> <li>1) route designator, required navigation performance (RNP) type(s) applicable to a specified segment(s), names, coded designators or name-codes and the geographical coordinates in degrees, minutes and seconds of all significant points defining the route including "compulsory" or "on-request" reporting points;</li> <li>2) tracks or VOR radials to the nearest degree, geodesic distance to the nearest tenth of a nautical mile between each successive designated significant point and, in the case of VOR radials, changeover points;</li> <li>3) upper and lower limits and airspace classification;</li> <li>4) lateral limits;</li> <li>5) direction of cruising levels; and</li> <li>6) remarks, including an indication of the controlling unit and its operating frequency.</li> </ol> <p><i>Note. – In relation to Annex 11, Appendix 1, and for flight planning purposes, the specified RNP type is not considered to be an integral part of the route designator.</i></p>	✓	✗		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<p><b>ENR 3.3 Area navigation routes</b> Detailed description of area navigation (RNAV) routes, including:</p> <ol style="list-style-type: none"> <li>1) route designator, required navigation performance (RN) type(s) applicable to a specified segment(s), names, coded designators or name-codes and the geographical coordinates in degrees, minutes and seconds of all significant points defining the route including “compulsory” or “on request” reporting points;</li> <li>2) in respect of waypoints defining a VOR/DME area navigation route, additionally: <ol style="list-style-type: none"> <li>a. station identification of the reference VOR/DME;</li> <li>b. bearing to the nearest degree and the distance to the nearest tenth of a kilometre or tenth of a nautical mile from the reference VOR/DME, of the waypoint is not collocated with it; and</li> <li>c. elevation of the transmitting antenna of DME to the nearest 30m (100 ft);</li> </ol> </li> <li>3) geodesic distance to the nearest tenth of a kilometre or tenth of a nautical mile between defined end-points and distance between each successive designated significant point;</li> <li>4) upper and lower limits and airspace classification;</li> <li>5) direction of cruising levels; and</li> <li>6) remarks, including an indication of the controlling unit and its operating frequency.</li> </ol> <p><i>Note. – In relation to Annex 11, Appendix 1, and for flight planning purposes, the specified RNP type is not considered to be an integral part of the route designator.</i></p>	✓	✓		



<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 3.4 Helicopter routes</b>  Detailed description of helicopter routes, including: <ol style="list-style-type: none"> <li>1) route designator, required navigation performance (RNP) type(s) applicable to a specified segment(s), names, coded designators or name-codes and the geographical coordinates in degrees, minutes and seconds of all; significant points defining the route including "compulsory" or "on-request" reporting points;</li> <li>2) tracks or VOR radials to the nearest degree, geodesic distance to the nearest tenth of a kilometre, or tenth of a nautical mile between each successive designated significant point and, in the case of VOR radials, changeover points;</li> <li>3) upper and lower limits and airspace classification;</li> <li>4) minimum flight altitudes to the nearest higher 50m or 100 ft; and</li> <li>5) remarks, including an indication of the controlling unit and its operating frequency.</li> </ol> <p><i>Note. – In relation to Annex 11, Appendix 1, and for flight planning purposes, the specified RNP type is not considered to be an integral part of the route designate.</i></p>	✓	✓		
<b>ENR 3.5 Other routes</b>  The requirement is to describe other specifically designated routes which are compulsory within specified area(s). <p><i>Note. – Arrival, transit and departure routes which are specified in connection with procedures for traffic to and from aerodromes/heliports need not be described since they are described in the relevant section of Part 3 – Aerodromes.</i></p>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 3.6 En-route holding</b>  The requirement is for a detailed description of en-route holding procedures, containing: <ol style="list-style-type: none"> <li>1) holding identification (if any) and holding fix (navigation aid) or waypoint with geographical coordinates in degrees, minutes and seconds;</li> <li>2) inbound track;</li> <li>3) direction of the procedure turn;</li> <li>4) maximum indicated airspeed;</li> <li>5) minimum and maximum holding level;</li> <li>6) time/distance outbound; and</li> <li>7) indication of the controlling unit and its operating frequency.</li> </ol> <p><i>Note: - Obstacle clearance criteria related to holding procedures are contained in Procedures for Air Navigation Services, Aircraft Operations (PANS-OPS, Doc 8168), Volumes I and II.</i></p>	✓	✓		
<b>ENR 4. Radio Navigation Aids/Systems</b>  A list of stations providing radio navigation services established for en-route purposes and arranged alphabetically by name of the station, including: <ol style="list-style-type: none"> <li>1) name of the station and magnetic variation to the nearest degree and for VOR, station declination to the nearest degree used for technical line-up of the aid;</li> <li>2) identification;</li> <li>3) frequency/channel for each element;</li> <li>4) hours of operation;</li> <li>5) geographical coordinates in degrees, minutes and seconds of the position of the transmitting antenna;</li> <li>6) elevation of the transmitting antenna of DME to the nearest 30m (100 ft); and</li> <li>7) remarks.</li> </ol> <p>If the operating authority of the facility is other than the designated governmental agency, the name of the operating authority must be indicated in the remarks column. Facility coverage must be included in the remarks column.</p>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 4.2 Special navigation systems</b>  Description of stations associated with special navigation systems (DECCA, LORAN, etc.) including: <ol style="list-style-type: none"> <li>1) name of station or chain;</li> <li>2) type of service available (master signal, slave signal, colour);</li> <li>3) frequency (channel number, basic pulse rate, recurrence rate, as applicable);</li> <li>4) hours of operation;</li> <li>5) geographical coordinates in degrees, minutes and seconds of the position of the transmitting station; and</li> <li>6) remarks.</li> </ol> <p>If the operating authority of the facility is other than the designated governmental agency' the name of the operating authority must be indicated in the remarks column. Facility coverage must be indicated in the remarks column.</p>	✓	✓		
<b>ENR 4.3 Name-code designators for significant points</b>  An alphabetically arranged list of name-code designators (five-letter pronounceable "name-code") established for significant points at positions not marked by the site of radio navigation aids, including: <ol style="list-style-type: none"> <li>1) name-code designator;</li> <li>2) geographical coordinates in degrees, minutes and seconds of the position; and</li> <li>3) reference to ATS or other routes where the point is located.</li> </ol>	✓	✓		
<b>ENR 4.4 Aeronautical ground lights – en-route</b>  A list of aeronautical ground lights and other light beacons designating geographical positions which are selected by the State as being significant, including: <ol style="list-style-type: none"> <li>1) name of the city or town or other identification of the beacon;</li> <li>2) type of beacon and intensity of the light in thousands of candelas;</li> <li>3) characteristics of the signal;</li> <li>4) operational hours; and</li> <li>5) remarks.</li> </ol>	✓	✓		
<b>ENR 5. Navigation Warnings</b>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 5.1 Prohibited, restricted and danger areas</b>  Description, supplemented by graphic portrayal where appropriate, of prohibited, restricted and danger areas together with information regarding their establishment and activation, including: <ol style="list-style-type: none"> <li>1) identification, name and geographical coordinates of the lateral limits in degrees, minutes and seconds of inside and in degrees and minutes if outside control area/control zone boundaries;</li> <li>2) upper and lower limits; and</li> <li>3) remarks, including time of activity.</li> </ol> Type of restriction or nature of hazard and risk of interception in the event of penetration must be indicated in the remarks column.	✓	✓		
<b>ENR 5.2 Military exercise and training areas and air defence identification zone (ADIZ)</b>  Description, supplemented by graphic portrayal where appropriate, of established military training areas and military exercises taking place at regular intervals, and established air defence identification zone (ADIZ), including: <ol style="list-style-type: none"> <li>1) geographical coordinates of the lateral limits in degrees, minutes and seconds if inside and in degrees and minutes if outside control area/control zone boundaries;</li> <li>2) upper and lower limits and system and means of activation announcements together with information pertinent to civil flights and applicable ADIZ procedures, and</li> <li>3) remarks, including time of activity and risk of interception in the event of penetration of ADIZ.</li> </ol>	✓	✓		
<b>ENR 5.3 Other activities of a dangerous nature and other potential hazards</b>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 5.3.1 Other activities of a dangerous nature</b>  Description, supplemented by charts where appropriate, of activities that could affect flights including: <ol style="list-style-type: none"> <li>1) geographical coordinates in degrees and minutes of centre of area and range of influence;</li> <li>2) vertical limits;</li> <li>3) advisory measures;</li> <li>4) authority responsible for the provision of information; and</li> <li>5) remarks, including time of activity.</li> </ol>	✓	✓		
<b>ENR 5.3.2 Other potential hazards</b>  Description, supplemented by charts where appropriate, of other potential hazards that could affect flights (e.g. active volcanoes, nuclear power stations, etc) including: <ol style="list-style-type: none"> <li>1) geographical coordinates in degrees and minutes of location of potential hazard;</li> <li>2) vertical limits;</li> <li>3) advisory measures;</li> <li>4) authority responsible for the provision of information, and</li> <li>5) remarks.</li> </ol>	✓	✓		
<b>ENR 5.4 Air navigation obstacles – en-route</b>  Brief description of the criteria used for the determination of air navigation obstacles, supplemented by a list of significant en-route obstacles affecting air navigation, including: <ol style="list-style-type: none"> <li>1) designation;</li> <li>2) type of obstacle;</li> <li>3) geographical coordinates in degrees, minutes and seconds;</li> <li>4) elevation and height; and</li> <li>5) type and colour of obstacle lighting (if any).</li> </ol>	✓	✓		

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
<b>ENR 5.5 Aerial sporting and recreational activities</b>  Brief description, supplemented by graphic portrayal where appropriate, of intensive aerial sporting and recreational activities together with conditions under which they are carried out, including: <ol style="list-style-type: none"> <li>1) designation and geographical coordinates of the lateral limits in degrees, minutes and seconds if inside and in degrees and minutes if outside control area/control zone boundaries;</li> <li>2) vertical limits;</li> <li>3) operator/user telephone number; and</li> <li>4) remarks, including time of activity.</li> </ol> <p><i>Note. – This paragraph may be subdivided into different sections for each different category of activity, giving the indicated details in each case.</i></p>	✓	✓		
<b>ENR 5.6 Bird migration and areas with sensitive fauna</b>  Description, supplemented by charts where practicable, of movements of birds associated with migration, including migration routes and permanent resting area and areas with sensitive fauna.	✗	✓		
<b>ENR 6. En-route charts</b>  The requirement is for the En-route Chart – ICAO and index charts to be included in this section.	✓	✓		

## A.1.4 Part 3 – Aerodromes (AD)

<u>AIP Section</u>	<u>UIR</u>	<u>FIR</u>	<u>TMA</u>	<u>AD</u>
AD	✕	✕		