



REPUBLIC OF IRAQ
IRAQ CIVIL AVIATION AUTHORITY
DIRECTORATE OF AIR TRAFFIC SERVICES
AERONAUTICAL INFORMATION SERVICES
P.O. BOX 55103 – BAGHDAD
Application Form No. 03

**AIRAC
AIP AMENDMENT**

Amendment 06/15
Date: 10 December 2015

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EFFECTIVE DATE: 04 February 2016

1. Contents

List of public holidays changed, sunrise/sunset table amended, sub-section GEN 3.1 reformatted, list of - AIRAC - effective dates amended, classification of airspaces table amended, - (ORBI) - contact information amended.

2. On 04 February 2016 remove and insert the following pages:

GEN 0.4-1, GEN 0.4-2, GEN 0.6, GEN 2.1-2, GEN 2.7-1, GEN 2.7-2, GEN 2.7-3, GEN 2.7-4, GEN 3.1-1, 3.1-2, GEN 3.1-3, GEN 3.1-4, ENR 0.6, ENR 1.4.2, ENR 1.4.3, AD 0.6, AD 2.2-1

3. Record entry of Amendment on page GEN 0.2.

4. This amendment incorporates information contained in the following AIP Supplements and NOTAM. NOTAM incorporated to this AMDT will be cancelled by NOTAMC on 04 February 2016:

AIP Supplement: Nil.

NOTAM A Series: Nil.

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GEN 2 TABLES AND CODES**GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS****1. Units of Measurement**

Aeronautical stations within Baghdad FIR shall use the following table of units of measurement.

<i>For Measurement of</i>	<i>Units Used</i>
Distance used in navigation, position reporting, etc. generally in excess of 2 nautical miles	Nautical Miles and tenths
Relatively short distances such as those relating to aerodromes (e.g. RWY lengths)	Meters
Altitudes, Elevations and Heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute
Wind direction for landing and take off	Degrees Magnetic
Wind direction except for landing and take off	Degrees True
Visibility including RWY visual range	Kilometres or Meters
Altimeter setting (barometric pressure)	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tonnes or Kilograms
Time	Hours and Minutes beginning at midnight UTC

2. Temporal reference system***General***

Coordinated Universal Time (UTC) is used by air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed to the nearest minute, e.g. 12:40:35 is reported as 1241.

Daylight Saving Time (DST) is not observed in Iraq.

3. Horizontal reference system**3.1 *Name / designation of system***

All published geographical coordinates indicating latitude and longitude are expressed in World Geodetic System 1984 (WGS84) Geodetic reference datum.

3.2 *Projection*

Projection is expressed in term of Universal Transverse Mercator (UTM).

3.3 *Ellipsoid*

Ellipsoid is expressed in terms of the World Geodetic System — 1984 (WGS-84) ellipsoid.

3.4 *Datum*

The World Geodetic System — 1984 (WGS-84) is used.

3.5 Area of application

WGS84 is applicable within the area of responsibility of the Aeronautical Information Service; i.e. the entire territory of Iraq as well as the airspace over the high seas encompassed by the Baghdad Flight Information Region in accordance with the regional agreement.

4. Vertical reference system

The vertical reference system corresponds to mean sea level (MSL).

5. Aircraft Nationality and Registration Marks

The nationality mark for aircraft registered in Iraq is the letters 'YI'. The nationality mark is followed by a hyphen and a registration mark consisting of three letters, e.g. YI-ABC.

6. Public Holidays

6.1 The following is a list of the national public holidays for 2016 (1437-1438) with dates corresponding to the Gregorian calendar.

<i>Name</i>	<i>Gregorian Date</i>	<i>Hijri Date</i>
New year's Day	01 January	20 Raby'al-awal
Army Day	06 January	25 Raby'al-awal
Eid – Nawroze	21 March	11 Jamaad 2
Labor Day	01 May	23 Rajab
Eid al-Fitr (Feast of Ramadan)	06 July	01 Shawwal
Eid al-Fitr (Feast of Ramadan)	07 July	02 Shawwal
Eid al-Fitr (Feast of Ramadan)	08 July	03 Shawwal
National Day	14 July	09 Shawwal
Eid al-Adha (Feast of Sacrifice)	12 September	10 Thw al-Hijjah
Eid al-Adha (Feast of Sacrifice)	13 September	11 Thw al-Hijjah
Eid al-Adha (Feast of Sacrifice)	14 September	12 Thw al-Hijjah
Eid al-Adha (Feast of Sacrifice)	15 September	13 Thw al-Hijjah
Islamic New Year	03 October	01 Muharram (1438)
Ashuraa	12 October	10 Muharram (1438)
Mouloud (Birth of the prophet Mohammad)	12 December	12 Raby'al-awal (1438)

6.2 Iraq applies a five working day week, with Fridays and Saturdays as official days off. Working hours commence at 0800 and end at 1500 local time.

GEN 2.7 SUNRISE/SUNSET TABLES

1. The tables on the following pages have been prepared using data from the United States Naval Observatory website. The tables provide data for selected airports. Data on other locations, or accurate times for dates falling between those listed below, may be obtained from <http://www.sunrise-and-sunset.com/> by entering the appropriate year, after choosing the State and the City".

1.1. The times in the tables below are given in UTC for the sunrise (SR), sunset (SS).

1.2 The tables are calculated for the year 2016.

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3. Sunrise-Sunset Table

3.1

Baghdad International Airport (ORBI).

331545N
0441404E

TWIL			TWIL			TWIL			TWIL		
MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO
Jan	5	Nil	0406	1408	Nil	Jul	5	Nil	0158	1616	Nil
	10	Nil	0406	1412	Nil		10	Nil	0201	1614	Nil
	15	Nil	0406	1417	Nil		15	Nil	0204	1612	Nil
	20	Nil	0404	1422	Nil		20	Nil	0207	1610	Nil
	25	Nil	0402	1426	Nil		25	Nil	0210	1606	Nil
	30	Nil	0358	1432	Nil		30	Nil	0214	1603	Nil
Feb	5	Nil	0355	1437	Nil	Aug	5	Nil	0218	1558	Nil
	10	Nil	0350	1442	Nil		10	Nil	0221	1553	Nil
	15	Nil	0346	1446	Nil		15	Nil	0225	1548	Nil
	20	Nil	0341	1451	Nil		20	Nil	0228	1542	Nil
	25	Nil	0335	1455	Nil		25	Nil	0231	1536	Nil
Mar	1	Nil	0329	1459	Nil	Sep	5	Nil	0239	1521	Nil
	5	Nil	0324	1502	Nil		10	Nil	0243	1515	Nil
	10	Nil	0318	1506	Nil		15	Nil	0246	1508	Nil
	15	Nil	0311	1510	Nil		20	Nil	0249	1501	Nil
	20	Nil	0304	1514	Nil		25	Nil	0253	1454	Nil
	25	Nil	0259	1517	Nil		30	Nil	0256	1447	Nil
Apr	5	Nil	0243	1526	Nil	Oct	5	Nil	0300	1441	Nil
	10	Nil	0237	1529	Nil		10	Nil	0303	1434	Nil
	15	Nil	0230	1533	Nil		15	Nil	0307	1428	Nil
	20	Nil	0225	1537	Nil		20	Nil	0311	1422	Nil
	25	Nil	0219	1540	Nil		25	Nil	0315	1417	Nil
	30	Nil	0214	1544	Nil		30	Nil	0320	1411	Nil
May	5	Nil	0209	1548	Nil	Nov	5	Nil	0325	1406	Nil
	10	Nil	0205	1552	Nil		10	Nil	0329	1403	Nil
	15	Nil	0201	1555	Nil		15	Nil	0334	1359	Nil
	20	Nil	0158	1559	Nil		20	Nil	0338	1357	Nil
	25	Nil	0155	1602	Nil		25	Nil	0343	1355	Nil
	30	Nil	0154	1606	Nil		30	Nil	0347	1354	Nil
Jun	5	Nil	0152	1609	Nil	Dec	5	Nil	0352	1354	Nil
	10	Nil	0152	1611	Nil		10	Nil	0355	1355	Nil
	15	Nil	0152	1613	Nil		15	Nil	0359	1356	Nil
	20	Nil	0153	1615	Nil		20	Nil	0402	1358	Nil
	25	Nil	0154	1615	Nil		25	Nil	0404	1401	Nil
	30	Nil	0156	1616	Nil		30	Nil	0405	1404	Nil

3.2

Basrah International Airport (ORMM)

303256N

0473943E

TWIL						TWIL						TWIL						TWIL																	
MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO												
Jan	5	Nil	0346	1401	Nil	Jul	5	Nil	0152	1555	Nil	Aug	5	Nil	0209	1539	Nil	Sep	5	Nil	0228	1506	Nil	Oct	5	Nil	0245	1428	Nil						
	10	Nil	0346	1405	Nil		10	Nil	0154	1554	Nil		10	Nil	0212	1535	Nil		10	Nil	0230	1500	Nil		10	Nil	0248	1422	Nil						
	15	Nil	0346	1409	Nil		15	Nil	0157	1552	Nil		15	Nil	0215	1530	Nil		15	Nil	0233	1453	Nil		15	Nil	0251	1417	Nil						
	20	Nil	0345	1414	Nil		20	Nil	0300	1550	Nil		20	Nil	0218	1525	Nil		20	Nil	0236	1447	Nil		20	Nil	0255	1411	Nil						
	25	Nil	0343	1418	Nil		25	Nil	0203	1547	Nil		25	Nil	0221	1519	Nil		25	Nil	0239	1441	Nil		25	Nil	0258	1406	Nil						
	30	Nil	0341	1423	Nil		30	Nil	0206	1544	Nil		30	Nil	0224	1513	Nil		30	Nil	0242	1434	Nil		30	Nil	0302	1402	Nil						
Feb	5	Nil	0337	1428	Nil	Mar	5	Nil	0309	1450	Nil	Apr	5	Nil	0231	1510	Nil	May	5	Nil	0200	1530	Nil	Nov	5	Nil	0307	1357	Nil	Dec	5	Nil	0331	1347	Nil
	10	Nil	0333	1432	Nil		10	Nil	0303	1454	Nil		10	Nil	0226	1513	Nil		10	Nil	0157	1533	Nil		10	Nil	0311	1354	Nil		10	Nil	0335	1348	Nil
	15	Nil	0329	1436	Nil		15	Nil	0257	1457	Nil		15	Nil	0220	1516	Nil		15	Nil	0153	1536	Nil		15	Nil	0315	1351	Nil		15	Nil	0338	1349	Nil
	20	Nil	0324	1440	Nil		20	Nil	0251	1500	Nil		20	Nil	0214	1520	Nil		20	Nil	0150	1539	Nil		20	Nil	0319	1349	Nil		20	Nil	0341	1352	Nil
	25	Nil	0319	1444	Nil		25	Nil	0245	1503	Nil		25	Nil	0209	1523	Nil		25	Nil	0148	1542	Nil		25	Nil	0323	1348	Nil		25	Nil	0343	1354	Nil
	30	Nil	0319	1444	Nil		30	Nil	0237	1507	Nil		30	Nil	0205	1526	Nil		30	Nil	0147	1545	Nil		30	Nil	0328	1347	Nil		30	Nil	0345	1357	Nil
Jun	5	Nil	0146	1548	Nil	Jul	5	Nil	0152	1555	Nil	Aug	5	Nil	0209	1539	Nil	Sep	5	Nil	0228	1506	Nil	Oct	5	Nil	0245	1428	Nil						
	10	Nil	0145	1551	Nil		10	Nil	0154	1554	Nil		10	Nil	0212	1535	Nil		10	Nil	0230	1500	Nil		10	Nil	0248	1422	Nil						
	15	Nil	0146	1552	Nil		15	Nil	0157	1552	Nil		15	Nil	0215	1530	Nil		15	Nil	0233	1453	Nil		15	Nil	0251	1417	Nil						
	20	Nil	0146	1554	Nil		20	Nil	0300	1550	Nil		20	Nil	0218	1525	Nil		20	Nil	0236	1447	Nil		20	Nil	0255	1411	Nil						
	25	Nil	0148	1555	Nil		25	Nil	0203	1547	Nil		25	Nil	0221	1519	Nil		25	Nil	0239	1441	Nil		25	Nil	0258	1406	Nil						
	30	Nil	0149	1555	Nil		30	Nil	0206	1544	Nil		30	Nil	0224	1513	Nil		30	Nil	0242	1434	Nil		30	Nil	0302	1402	Nil						

3.3

Mosul Airport (ORBM)

361835N

0430884E

		TWIL			TWIL			TWIL			TWIL						
MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO	MTH	Day	FM	SR	SS	TO
Jan	5	Nil	0419	1406	Nil	Jul	5	Nil	0155	1628	Nil	Aug	5	Nil	0218	1608	Nil
	10	Nil	0419	1410	Nil		10	Nil	0158	1627	Nil		10	Nil	0222	1603	Nil
	15	Nil	0418	1415	Nil		15	Nil	0202	1625	Nil		15	Nil	0226	1557	Nil
	20	Nil	0416	1420	Nil		20	Nil	0205	1622	Nil		20	Nil	0230	1551	Nil
	25	Nil	0413	1425	Nil		25	Nil	0209	1618	Nil		25	Nil	0234	1544	Nil
	30	Nil	0410	1430	Nil		30	Nil	0213	1614	Nil		30	Nil	0238	1537	Nil
Feb	5	Nil	0405	1437	Nil	Sep	5	Nil	0242	1529	Nil	Oct	5	Nil	0306	1444	Nil
	10	Nil	0400	1442	Nil		10	Nil	0246	1521	Nil		10	Nil	0310	1437	Nil
	15	Nil	0355	1448	Nil		15	Nil	0250	1514	Nil		15	Nil	0315	1430	Nil
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	25	Nil	0343	1457	Nil		25	Nil	0258	1459	Nil		25	Nil	0224	1418	Nil
Mar	5	Nil	0331	1506	Nil	Nov	5	Nil	0335	1406	Nil	Dec	5	Nil	0404	1352	Nil
	10	Nil	0324	1510	Nil		10	Nil	0340	1402	Nil		10	Nil	0408	1352	Nil
	15	Nil	0316	1515	Nil		15	Nil	0345	1359	Nil		15	Nil	0412	1353	Nil
	20	Nil	0309	1519	Nil		20	Nil	0350	1356	Nil		20	Nil	0415	1356	Nil
	25	Nil	0302	1524	Nil		25	Nil	0355	1354	Nil		25	Nil	0417	1358	Nil
	30	Nil	0255	1528	Nil		30	Nil	0302	1451	Nil		30	Nil	0418	1302	Nil
Apr	5	Nil	0246	1533	Nil	Nov	5	Nil	0335	1406	Nil	Dec	5	Nil	0404	1352	Nil
	10	Nil	0239	1537	Nil		10	Nil	0340	1402	Nil		10	Nil	0408	1352	Nil
	15	Nil	0232	1541	Nil		15	Nil	0345	1359	Nil		15	Nil	0412	1353	Nil
	20	Nil	0226	1546	Nil		20	Nil	0350	1356	Nil		20	Nil	0415	1356	Nil
	25	Nil	0220	1550	Nil		25	Nil	0355	1354	Nil		25	Nil	0417	1358	Nil
	30	Nil	0214	1554	Nil		30	Nil	0329	1412	Nil		30	Nil	0418	1302	Nil
May	5	Nil	0209	1559	Nil	Nov	5	Nil	0335	1406	Nil	Dec	5	Nil	0404	1352	Nil
	10	Nil	0204	1503	Nil		10	Nil	0340	1402	Nil		10	Nil	0408	1352	Nil
	15	Nil	0200	1607	Nil		15	Nil	0345	1359	Nil		15	Nil	0412	1353	Nil
	20	Nil	0156	1611	Nil		20	Nil	0350	1356	Nil		20	Nil	0415	1356	Nil
	25	Nil	0153	1615	Nil		25	Nil	0355	1354	Nil		25	Nil	0417	1358	Nil
	30	Nil	0151	1618	Nil		30	Nil	0400	1352	Nil		30	Nil	0418	1302	Nil
Jun	5	Nil	0149	1622	Nil	Nov	5	Nil	0335	1406	Nil	Dec	5	Nil	0404	1352	Nil
	10	Nil	0149	1625	Nil		10	Nil	0340	1402	Nil		10	Nil	0408	1352	Nil
	15	Nil	0149	1627	Nil		15	Nil	0345	1359	Nil		15	Nil	0412	1353	Nil
	20	Nil	0150	1628	Nil		20	Nil	0350	1356	Nil		20	Nil	0415	1356	Nil
	25	Nil	0151	1629	Nil		25	Nil	0355	1354	Nil		25	Nil	0417	1358	Nil
	30	Nil	0153	1629	Nil		30	Nil	0400	1352	Nil		30	Nil	0418	1302	Nil

GEN 3 SERVICES

GEN 3.1 AERONAUTICAL INFORMATION SERVICES

1. Responsible Service

1.1 The Aeronautical Information Service (AIS), which forms part of the ICAA, ensures the flow of information necessary for the safety and regularity of international and domestic air navigation within the area of its responsibility as indicated under GEN 3.1.2 below. It consists of AIS Department, International NOTAM Office (NOF) and AIS units established at the aerodromes as listed under GEN 3.1.5 below.

1.2 AIS Headquarters

Aeronautical Information Service Department
Iraq Civil Aviation Authority
Baghdad International Airport
PO Box 55103
Baghdad-IRAQ
AFS: ORBIYNYX
Telephone: +964 (1) 813 2122
Email: ais_hq@iraqcaa.com

1.3 International NOTAM Office (NOF):

Aeronautical Information Service Headquarters
NOTAM Unit
Iraq Civil Aviation Authority
Baghdad International Airport
PO Box 55103
Baghdad-IRAQ
AFS: ORBIYNYX
Telephone: +964 (1) 813 2419
Email: ais_notam@iraqcaa.com
aishg_icaa@geca.gov.iq

2. Area of Responsibility

The Aeronautical Information Service is responsible for the collection and dissemination of information for Iraq and for the airspace over the high seas encompassed by the Baghdad FIR.

3. Aeronautical Publications

3.1 The aeronautical information is provided in the form of the Integrated Information Package consisting of the following elements:

- Aeronautical Information Publication (AIP);
- Amendment service to the AIP (AIP AMDT);
- Supplement to the AIP (AIP SUP);
- NOTAM and Pre-flight Information Bulletin (PIB); and
- Aeronautical Information Circular (AIC):
- Checklists and List of valid NOTAM.

3.2 NOTAM and the related monthly checklists are issued via the Aeronautical Fixed Service (AFS). All other elements of the package are made available via the ICAA website (www.iraqcaa.com) and distributed by e-mail. To be added to the distribution list of AIS products please contact the AIS Office at ais_hq@iraqcaa.com.

3.2 Aeronautical Information Publication (AIP)

The AIP is the overarching aviation document intended primarily to satisfy international requirements for the exchange of permanent aeronautical information and long duration temporary changes essential for safe and efficient air navigation. The Iraq AIP is published in one volume, comprising of 3 parts. The AIP is published in an electronic format as a portable document format (.pdf) file, in English only, for use in international and domestic operation, whether the flight is a commercial, military or private one.

3.3 Amendment service to the AIP (AIP AMDT)

Amendments to the AIP are published every 56 days, providing 28 days notification before the effective date. The timelines for amendments and AIP publication and effective dates are in accordance with the 56 day AIRAC cycle. A checklist of AIP pages containing page number/chart title and the publication or effective date (day, month by name, and year) of the information is reissued with each amendment and is an integral part of the AIP.

3.4 Supplement to the AIP (AIP SUP)

Temporary changes of long duration and information of short duration that consists of extensive text and/or text supplementing the permanent information contained in the AIP are published as AIP Supplements (AIP SUP). Due to the newly established AIP and AIP AMDT cycle it is unlikely that the use of AIP SUP will be common. However, the following paragraph describes their use.

AIP SUP is separated by information subject (General – GEN, En-route – ENR and Aerodromes – AD) and, when issued, are to be placed at the beginning of each relevant AIP part. Each AIP Supplement is allocated a consecutive serial number, based on the calendar year, e.g. AIP SUP 01/06. Each AIP SUP is to remain in the AIP as long as all or some of its contents remain valid. The period of validity of the information contained in the AIP SUP will normally be given in the supplement itself. Alternatively, a NOTAM may be used to indicate changes to the period of validity or cancellation of the AIP SUP. Any AIP SUP will, for the short term, be published on the ICAA Iraq webpage co-located with the full edition AIP. Notification of AIP SUP release will be via a Baghdad FIR NOTAM.

3.5 NOTAM and Pre-flight Information Bulletins (PIB)

NOTAMs contain information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential for personnel concerned with flight operations. The text of each NOTAM contains the information in the order shown in the ICAO NOTAM Format and is composed of the significations/uniform abbreviated phraseology assigned to the ICAO NOTAM Code. This is complemented by ICAO abbreviations, indicators, identifiers, designators, call signs, frequencies, figures and plain language.

NOTAMs are issued and published for Baghdad FIR in two NOTAM series:

Series A NOTAM: information concerning aircraft engaged in international civil aviation, with national and international distribution.

Series B NOTAM: information of domestic nature, concerning aircraft other than those engaged in international civil aviation, with national distribution.

Each pilot in command, Civil Air Carrier/Operator is responsible for ensuring current NOTAMs are reviewed.

3.6 Aeronautical Information Circular (AIC)

Aeronautical Information Circulars (AIC) contain information on the long-term forecast of any major change in legislation, regulation, procedures or facilities. The information contained within the AIC is to be considered advance notice. While unlikely to change significantly information within the AIC is provided as advisory only until formally promulgated within the AIP, AIP AMDT, and AIP SUP or via NOTAM. Information likely to be contained in an AIC may include:

Information of a purely explanatory or advisory nature liable to affect flight safety; and, Information or notification of an explanatory or advisory nature concerning technical, legislative or purely administrative matters.

Each AIC is allocated a consecutive serial number, based on the calendar year, e.g. AIC 01/06. Any AIC released will be published on the ICAA webpage co-located with the full edition AIP. Notification of AIC release will be via a Baghdad FIR NOTAM. Notification of AIC cancellation will be via NOTAM.

3.7 Check list and list of valid NOTAM

A checklist of valid NOTAM is issued monthly via the AFS. A weekly printed list of valid NOTAM distributed by e-mail all recipients of the Integrated Aeronautical Information Package. It contains a plain language (in English) presentation of the valid NOTAM and information about the number of the latest issued AIP AMDT, AIRAC AIP AMDT, AIP SUP and AIC as well as the numbers of the elements issued under the AIRAC that will become effective or, if none, the NIL AIRAC notification.

3.8 Sale of Publications

The Iraqi AIP is available for free online at ICAA web site: www.iraqcaa.com. Printed copies are not available at this time

4. AIRAC System

4.1 In order to control and regulate the operationally significant changes requiring amendments to charts, route- manuals etc., such changes, whenever possible, will be issued on predetermined dates according to the AIRAC System. This type of information will be published as an AIRAC AIP AMDT or an AIRAC AIP SUP. If an AIRAC AMDT or SUP cannot be produced due to lack of time, NOTAM clearly marked AIRAC will be issued. Such NOTAM will immediately be followed by an AMDT or SUP.

4.2 The AIRAC system is only partially implemented in Iraq. The table below indicates the AIRAC dates in use for the year 2016. AIRAC information will be issued so that the information will be received by the user not later than 56 days. At AIRAC effective date, a trigger NOTAM will be issued giving a brief description of the contents, effective date and reference number of the AIRAC AIP AMDT or AIRAC AIP SUP that will become effective on that date. Trigger NOTAM will remain in force as a reminder in the PIB until the new checklist/list is issued.

AIRAC Effective Date					
10	DEC	2015	04	FEB	2016
04	FEB	2016	31	MAR	2016
31	MAR	2016	26	MAY	2016
26	MAY	2016	21	JUL	2016
21	JUL	2016	15	SEP	2016
15	SEP	2016	10	NOV	2016

5. Pre-flight Information Service at Aerodromes

Pre-flight Information Service is provided at Baghdad, Basrah, Mosul, Sulaymaniyah, Al Najaf and Erbil International aerodromes through self-briefing at the AIS units (Briefing Office) which is located at the terminal building and connected to the AIS Headquarters.

6. Electronic terrain and obstacle data

Not available

PART 2 — EN-ROUTE (ENR)

ENR 0

ENR 0.1	PREFACE	Not applicable
ENR 0.2	RECORD OF AIP AMENDMENT	Not applicable
ENR 0.3	RECORD OF AIP SUPPLEMENTS	Not applicable
ENR 0.4	CHECKIST OF AIP PAGES	Not applicable
ENR 0.5	LIST OF HAND AMENDMENTS TO THE AIP	Not applicable

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ENR 1.2	Visual Flight Rules ENR 1.2-1
ENR 1.3	Instrument Flight Rules ENR 1.3-1
ENR 1.4	ATS Airspace Classification ENR 1.4-1
ENR 1.5	Holding, Approach and Departure Procedures ENR 1.5-1
ENR 1.5.1	General ENR 1.5-1
ENR 1.5.2	Arriving Flights ENR 1.5-1
ENR 1.5.3	Departing Flights ENR 1.5-2
ENR 1.6	ATC Surveillance Services and Procedures ENR 1.6-1
ENR 1.6.1	Primary radar ENR 1.6-1
ENR 1.6.2	Secondary surveillance radar (SSR) ENR 1.6-2
ENR 1.7	Altimeter Setting Procedures ENR 1.7-1
ENR 1.8	Regional Supplementary Procedures ENR 1.8-1
ENR 1.9	Air Traffic Flow Management (ATFM) ENR 1.9-1
ENR 1.10	Flight Planning ENR 1.10-1
ENR 1.11	Addressing of Flight Plan Messages ENR 1.11-1
ENR 1.12	Interception of Civil Aircraft ENR 1.12-1
ENR 1.13	Unlawful Interference ENR 1.13-1
ENR 1.14	Air Traffic Incidents ENR 1.14-1
ENR 2	AIR TRAFFIC SERVICES AIRSPACE
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ENR 2.2	Other regulated airspace ENR 2.2-1
ENR 3	ATS ROUTES ENR 3.2-1
ENR 3.1	Lower ATS Routes ENR 3.1-1
ENR 3.2	Upper ATS Routes ENR 3.2-1

ENR 3.3	Area Navigation (RNAV) Routes	ENR 3.3-1
ENR 3.4	Helicopter Routes	ENR 3.4-1
ENR 3.5	Other Routes	ENR 3.5-1
ENR 3.6	En-route Holding	ENR 3.6-1
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ENR 4.1	Radio Navigation Aids – En-route	ENR 4.1-1
ENR 4.2	Special Navigation Systems	ENR 4.2-1
ENR 4.3	Global navigation satellite system (GNSS)	ENR 4.3-1
ENR 4.4	Name – Code Designators for Significant Points	ENR 4.4-1
ENR 4.5	Aeronautical Ground Lights – En-route	ENR 4.5-1
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ENR 5.2	Military Exercise and Training Areas and air defence identification zone ADIZ	ENR 5.2-1
ENR 5.3	Other Activities of a Dangerous Nature and Other Potential Hazards	ENR 5.3-1
ENR 5.4	Air Navigation Obstacles – Area 1	ENR 5.4-1
ENR 5.5	Aerial Sporting and Recreational Activities	ENR 5.5-1
ENR 5.6	Bird Migration and Areas with Sensitive Fauna	ENR 5.6-1
ENR 6	EN-ROUTE CHARTS – ICAO	ENR 6-1

ENR 1.4 ATS AIRSPACE CLASSIFICATION AND DESCRIPTION

1. Classification of airspaces

ATS airspaces are classified and designated in accordance with the following:

Class A. IFR flights only are permitted, all flights are subject to air traffic control service and are separated from each other. This class of airspace is established from FL235 – FL460 throughout the whole Baghdad FIR.

Class B. IFR and VFR flights are permitted, all flights are subject to air traffic control service and are separated from each other.

Class C. IFR and VFR flights are permitted, all flights are subject to air traffic control service and IFR flights are separated from other IFR flights and from VFR flights. VFR flights are separated from IFR flights and receive traffic information in respect of other VFR flights.

Class D. IFR and VFR flights are permitted and all flights are subject to air traffic control service, IFR flights are separated from other IFR flights and receive traffic information in respect of VFR flights, VFR flights receive traffic information in respect of all other flights. This class of airspace is established in conjunction with airports that have operating control towers.

Class E. IFR and VFR flights are permitted, IFR flights are subject to air traffic control service and are separated from other IFR flights, with the exception mentioned in the table below. All flights receive traffic information as far as is practical. This class of airspace is established within Kirkuk, Baghdad and Ali TMAs and along ATS Routes.

Class F. IFR and VFR flights are permitted, all participating IFR flights receive an air traffic advisory service and all flights receive flight information service if requested.

Class G. IFR and VFR flights are permitted and receive flight information service if requested. This class of airspace is established for all areas that are not classified as A, D or E. This airspace is primarily used by military VFR aircraft. A Common Traffic Advisory Frequency (CTAF) is established for aircraft self deconfliction. Aircraft operating in Class G airspace should broadcast intentions on CTAF VHF 122.0. In order to maintain a safe, orderly and expeditious flow of air traffic, ATC sectors with the callsign "Baghdad Approach" will issue instructions to aircraft within their area of responsibility which may include radar vectors and climb/descent instructions. ATC will assume that pilots will comply with all ATC instructions unless the pilot specifically states that he is unable to do so. Pilots are advised that due to equipment limitations in remote areas, continuous two way radio communications is not always possible throughout the Iraq FIR, especially at lower altitude.

The requirements for the flights within each class of airspace are as shown in the following table.

Class	Type of flight	Separation provided	Service provided	VMC visibility and distance from cloud minima	Speed limitation	Radio communication requirement	Subject to an ATC clearance
A	IFR only	All aircraft	Air traffic control service	Not applicable	Not applicable	Continuous two-way	Yes
B*	IFR	All aircraft	Air traffic control service	Not applicable	Not applicable	Continuous two-way	Yes
	VFR	All aircraft	Air traffic control service	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL Clear of clouds	Not applicable	Continuous two-way	Yes
C*	IFR	IFR from IFR IFR from VFR	Air traffic control service	Not applicable	Not applicable	Continuous two-way	Yes
	VFR	VFR from IFR	1) Air traffic control service for separation from IFR; 2) VFR/VFR traffic information (and traffic avoidance advice on request)	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL 1 500 M horizontal; 300 M vertical distance from cloud	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	Yes
D	IFR	IFR/IFR IFR/Special VFR	Air traffic Control service including traffic information about VFR flights (and traffic avoidance advice on request)	Not applicable	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	Yes
	VFR	Nil	Traffic information between VFR and IFR flights; VFR and VFR flights (and traffic avoidance advice on request for all situations).	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL 1 500 M horizontal; 300 M vertical distance from cloud	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	Yes
E	IFR	IFR from IFR	Air traffic control service and traffic information about VFR flights as far as practical	Not applicable	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	Yes
	VFR	Nil	Traffic information as far as practical	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL 1 500 M horizontal; 300 M vertical distance from cloud	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	No
F*	IFR	IFR from IFR as far as practical	Air traffic advisory service; flight information service	Not applicable	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	No
	VFR	Nil	Flight information service	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL 1 500 M horizontal; 300 M vertical distance from cloud At and below 900 M AMSL or 300 M above terrain whichever is higher – 5 KM***, clear of cloud and in sight of ground or water	250 KT IAS below 3 050 M (10 000 FT) AMSL	No	No

Class	Type of flight	Separation provided	Service provided	VMC visibility and distance from cloud minima	Speed limitation	Radio communication requirement	Subject to an ATC clearance
G	IFR	Nil	Flight information service	Not applicable	250 KT IAS below 3 050 M (10 000 FT) AMSL	Continuous two-way	No
	VFR	Nil	Flight information service	8 KM at and above 3 050 M (10 000 FT) AMSL 5 KM below 3 050 M (10 000 FT) AMSL 1 500 M horizontal; 300 M vertical distance from cloud At and below 900 M AMSL or 300 M above terrain whichever is higher – 5 KM**, clear of cloud and in sight of ground or water	250 KT IAS below 3 050 M (10 000 FT) AMSL	No	No
*	Classes of airspace B, C and F are not used in BAGHDAD FIR.						
**	When so prescribed by the appropriate ATS authority: a) lower flight visibilities to 1 500 M may be permitted for flights operating: 1) at speeds that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision; or 2) in circumstances in which the probability of encounters with other traffic would normally be low, e.g. in areas of low traffic volume and for aerial work at low levels; b) helicopters may be permitted to operate <i>in less than 1 500 M</i> flight visibility, if maneuvered at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision.						

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PART 3 – AERODROMES (AD)**AD 0.**

AD 0.1	PREFACE	Not applicable
AD 0.2	RECORD OF AIP AMENDMENT	Not applicable
AD 0.3	RECORD OF AIP SUPPLEMENTS	Not applicable
AD 0.4	CHECKLIST OF AIP PAGES	Not applicable
AD 0.5	LIST OF HAND AMENDMENTS TO THE AIP	Not applicable

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AD 1.1.2	Applicable ICAO documents	AD 1.1-1
AD 1.1.3	Civil use of military air bases	AD 1.1-1
AD 1.1.4	CAT II/III operations at aerodromes	AD 1.1-1
AD 1.1.5	Friction measuring device used and friction level below which the runway is declared slippery when it is wet	AD 1.1-1
AD 1.1.6	Other information	AD 1.1-2
AD 1.2	Rescue and fire fighting services and snow plan	AD 1.2-1
	Rescue and fire fighting services	AD 1.2
	Snow plan	AD 1.2
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AD 2.	AERODROMES	
ORNI AD 2.1	Aerodrome location indicator and name	AD 2.1-1
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ORBI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

ORBI – Baghdad International Airport

ORBI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	331545N 0441404E The geographic centre of the airfield
2	<i>Direction and distance from (city)</i>	235°, 8 NM from Baghdad
3	<i>Elevation/Reference temperature</i>	114 FT/43.1°C
4	<i>Geoid undulation at AD ELEV PSN</i>	To be determined
5	<i>MAG VAR/Annual change</i>	4° E (2010) / 2' increasing
6	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iraq Civil Aviation Authority Baghdad International Airport Baghdad, Iraq Tel: +964 (0) 1813 2484 Telex: Nil P.O. Box: 23006 E-mail: bagair_icaa@geca.gov.iq AFS: ORBIYAYX
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	NIL

ORBI AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	SUN- THU 0800 – 1500
2	<i>Customs and immigration</i>	HJ (H24 on request to ICAA)
3	<i>Health and sanitation</i>	HJ (H24 on request to ICAA)
4	<i>AIS Briefing Office</i>	H24
5	<i>ATS Reporting Office (ARO)</i>	H24
6	<i>MET Briefing Office</i>	H24
7	<i>ATS</i>	H24
8	<i>Fuelling</i>	HJ from Iraqi Airways
9	<i>Handling</i>	HJ (H24 on request to ICAA)
10	<i>Security</i>	H24
11	<i>De-icing</i>	NIL
12	<i>Remarks</i>	For Civilian aircraft, ORBI requires a PPR for all military ramps. No PPR is required for the civil passenger terminal and Kilo ramp. Carriers desiring to use the Kilo ramp must coordinate parking with local civilian ground handling agents. Refer to GEN 1.2 for current procedures, requirements and contact information. Operators must check the latest ORBI NOTAMs for the most current PPR requirements. Baghdad Diplomatic Support Center (BDSC) located on Mike Ramp, provides support for sponsored rotary and fixed wing assets six days a week from 0200-2000Z. BDSC is closed on all Fridays except for emergency Aircraft. Prior coordination is mandatory and a valid PPR number is required. Contact BDSC A-TOC at 240-553-0581 ext 566-1726 or e-mail: BDSC_PPR2@State.Gov

ORBI AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo handling facilities</i>	To be developed
2	<i>Fuel and oil types</i>	JET A-1 available. Limited JP-8 and AVTUR available. Oil not available.
3	<i>Fuelling facilities and capacity</i>	To be developed
4	<i>De-icing facilities</i>	NIL
5	<i>Hanger space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	Liquid Oxygen not available.

ORBI AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	In the city
2	<i>Restaurants</i>	At AD and in the city.
3	<i>Transportation</i>	Buses, taxis and car hire from the AD.
4	<i>Medical facilities</i>	Clinic medical treatment available from the Baghdad International Airport Medical Centre, four heavy duty ambulances available each with two bed stretchers. Full medical treatment in the city.
5	<i>Bank and Post Office</i>	In the administration building adjoining terminal, open during AD administration hours.
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

ORBI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>Aerodrome category for fire fighting</i>	RFF Cat 9
2	<i>Rescue Equipment</i>	3 Oshkosh 12 000 liter water + 1 500 liter foam + 225 kg powder 1 Rosenbauer 12 500 liter water + 1 500 liter foam + 225 kg powder 2 Mercedes 10 000 liter water 1 Roman 16 000 liter water 1 Fly liner 2 000 liter water 1 International (Rescue Vehicle), 1 500 liter water + 400 liter foam + 250 kg powder 1 Fuel cutter, battery power hawk and night lighting system
3	<i>Capability for removal of disabled aircraft</i>	Limited assistance using military assets
4	<i>Remarks</i>	NIL

ORBI AD 2.7 SEASONAL AVAILABILITY — CLEARING

NIL