

## AD 2. AERODROMES

### OIAA AD 2.1 AERODROME LOCATION INDICATOR AND NAME OIAA - ABADAN / Secondary International Aerodrome

#### OIAA AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	302216N 0481342E 324° / 1930 M from THR RWY 32L
2	<i>Direction and distance from (city)</i>	NNW, 3.5 NM from Abadan
3	<i>Elevation / Reference temperature</i>	8 FT / 45.2°C
4	<i>MAG VAR / Annual change</i>	4° E (2015)
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iranian Airports & Air Navigation Company (IAC) Abadan Airport P.O.Box 63165 - 365 Abadan - Islamic Republic of Iran Tel : +9861 – 53366477, 53366488, 53366494-6, 53262096 Telefax: +9861 - 53366497 Telex: NIL AFS: OIAAYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	NIL

#### OIAA AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	SAT to WED 0400-1200(0300-1100)
2	<i>Customs and immigration</i>	O/R
3	<i>Health and sanitation</i>	O/R
4	<i>AIS Briefing Office</i>	NIL
5	<i>ATS Reporting Office ( ARO )</i>	Service available by ATS
6	<i>MET Briefing Office</i>	NIL
7	<i>ATS</i>	H24
8	<i>Fuelling</i>	H24
9	<i>Handling</i>	Available during main carrier schedule flights, other times O/R
10	<i>Security</i>	H24
11	<i>De-icing</i>	NIL
12	<i>Remarks</i>	For non-scheduled flights which are required customs and immigration, prior coordination is required at least 72 hours before EOBT

**OIAA AD 2.4 HANDLING SERVICES AND FACILITIES**

1	<i>Cargo - handling facilities</i>	Available by main carrier
2	<i>Fuel / oil types</i>	Jet A1
3	<i>Fuelling facilities/capacity</i>	2 trucks, 65000 litres, 20 litres/sec, No limitation
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>	NIL

**OIAA AD 2.5 PASSENGER FACILITIES**

1	<i>Hotels</i>	Available in the city
2	<i>Restaurants</i>	At AD and in the city
3	<i>Transportation</i>	Taxis and buses
4	<i>Medical facilities</i>	Hospital in the city
5	<i>Bank and Post Office</i>	Only bank is available
6	<i>Tourist Office</i>	Available in the city & AD
7	<i>Remarks</i>	NIL

**OIAA AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	<i>AD category for fire fighting</i>	CAT 7
2	<i>Rescue equipment</i>	Available in accordance with AD category for fire fighting.
3	<i>Capability for removal of disabled aircraft</i>	Available by main carrier
4	<i>Remarks</i>	NIL

**OIAA AD 2.7 SEASONAL AVAILABILITY - CLEARING**

All seasons / Not applicable

**OIAA AD 2.8 APRONS, TAXIWAYS**

1	<i>Apron surface and strength</i>	Surface: Asphalt Strength: Information not available
2	<i>Taxiway width, surface and strength</i>	Width: All TWYs are 23 M Surface: Asphalt Strength: Information not available
3	<i>Remarks</i>	NIL

**OIAA AD 2.9 SURFACE MOVEMENT GUIDANCE AND  
CONTROL SYSTEM AND MARKINGS**

1	<i>Use of aircraft stand ID signs, TWY guide lines and parking guidance system of aircraft stands</i>	Nose-in guidance at ACFT stand. Guide lines at apron
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ, centre line, edge & RWY end marked RWY lighting: See OIAA AD 2.14 below. TWY: Centre line, edge and holding position at all TWY/RWY intersection marked except holding position at TWY H, G and F TWY lighting: See OIAA AD 2.15 below.
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

**OIAA AD 2.10 AERODROME OBSTACLES**

<i>In approach / TKOF areas</i>			<i>In circling area and at AD</i>		<i>Remarks</i>
1			2		
<i>RWY/Area affected</i>	<i>Obstacle type Elevation/ HGT Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type Elevation / HGT Markings/LGT</i>	<i>Coordinates</i>	
a	b	c	a	b	
32 L / APCH 14 R / TKOF	GP antenna 41 FT AMSL NIL	302128N 0481412E	Antenna 201 FT AMSL NIL	302210N 0481501E	
32 L / APCH 14 R / TKOF	BLDG 39 FT AMSL NIL	302158N 0481406E	BLDG 37 FT AMSL NIL	302210N 0481357E	
32 L / APCH 14 R / TKOF	BLDG 43 FT AMSL NIL	302200N 0481404E	Petrochemical Installation 184 FT AMSL NIL	302133N 0481447E	
32 L / APCH 14 R / TKOF	Mast 37 FT AMSL NIL	302107N 0481431E	Refinery BLDG 193 FT AMSL NIL	302114N 0481620E	
14 R / APCH 32 L / TKOF	Electricity mast 39 FT AMSL NIL	302251N 0481303E	Chimney 229 FT AMSL NIL	302107N 0481622E	
14 R / APCH 32 L / TKOF	LLZ BLDG 16 FT AMSL NIL	302253N 0481311E	Com mast 383 FT AMSL NIL	302046N 0481753E	
14 L / APCH 32 R / TKOF	BLDG 16 FT AMSL NIL	302246N 0481321E	Refinery Installation 259 FT AMSL NIL	302121N 0481625E	
14 R / APCH 32 L / TKOF	AD wall 15 FT AMSL NIL	1 <sup>st</sup> : 302256N 0481312E 2 <sup>nd</sup> : 302253N 0481308E 3 <sup>rd</sup> : 302250N 0481305E	Refinery Installation 277 FT AMSL NIL	302054N 0481624E	
<i>Cont.</i>					

<i>In approach / TKOF areas</i>			<i>In circling area and at AD</i>		<i>Remarks</i>
1			2		3
<i>RWY/Area affected</i>	<i>Obstacle type Elevation/ HGT Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type Elevation / HGT Markings/LGT</i>	<i>Coordinates</i>	
a	b	c	a	b	
14 R / APCH 32 L / TKOF	Powerline 39 FT AMSL NIL	302249N 0481302E	Refinery Installation 227 FT AMSL NIL	302045N 0481630E	
14 R / APCH 32 L / TKOF	LLZ antenna 18 FT AMSL NIL	302252N 0481309E	Refinery Installation 266 FT AMSL NIL	302033N 0481649E	
32 L / APCH 14 R / TKOF	Powerline 46 FT AMSL NIL	1 <sup>st</sup> : 302106N 0481433E 2 <sup>nd</sup> : 302104N 0481437E 3 <sup>rd</sup> : 302103N 0481438E	Mast 132 FT AMSL NIL	302107N 0481459E	
32 L / APCH 14 R / TKOF	Powerline 49 FT AMSL NIL	302105N 0481435E	Chimney 228 FT AMSL NIL  Powerline 46 FT AMSL NIL	302028N 0481619E  302111N 0481422E	

**OIAA AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET Office</i>	Abadan
2	<i>Hours of service MET Office outside hours</i>	H24 --
9	<i>ATS units provided with information</i>	Abadan TWR

Note: Subject concerning item 3 to 8 and 10 not available.

**OIAA AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimensions of RW (M)</i>	<i>Strength(PCN) and surface of RWY and SWY</i>	<i>THR coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
1	2	3	4	5	6
14L	145.65°GEO	2266 x 35	48/F/C/X/T Asphalt	302216.80N 0481344.29E GUND -52 FT	THR 8 FT
32R	325.65°GEO	2266 x 35	48/F/C/X/T Asphalt	302116.86N 0481433.42E GUND -52 FT	THR 8 FT
14R	144.72°GEO	3103 x 45	70/F/C/X/T Asphalt	302243.50N 0481316.33E GUND -52 FT	THR 8 FT
32L	324.73°GEO	3103 x 45	70/F/C/X/T Asphalt	302121.41N 0481423.62E GUND -52 FT	THR 8 FT
<i>Slope of RWY - SWY</i>	<i>SWY dimensions (M)</i>	<i>CWY dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>OFZ</i>	<i>Remarks</i>
7	8	9	10	11	12
0.0%	NIL	NIL	NIL	NIL	- Distance between parallel RWY centre lines 132 M.
0.0%	25 x 35	25 x 150	NIL	NIL	
0.003%	59 x 45	59 x 150	NIL	NIL	
0.003%	60 x 45	60 x 150	NIL	NIL	

**OIAA AD 2.13 DECLARED DISTANCES**

<i>RWY Designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
1	2	3	4	5	6
14L	2266	2266	2266	2266	NIL
32R	2266	2291	2291	2266	NIL
14R	3103	3162	3162	3103	NIL
32L	3103	3163	3163	3103	NIL

**OIAA AD 2.14 APPROACH AND RUNWAY LIGHTING**

<i>RWY Designator</i>	<i>APCH LGT Type LEN INTST</i>	<i>THR LGT Colour WBAR</i>	<i>VASIS (MEHT) PAPI</i>	<i>TDZ LGT LEN</i>	<i>RWY Centre Line LGT LEN, spacing, colour INTST</i>	<i>RWY edge LGT LEN, spacing colour, INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN(M) colour</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
14R	SALS 420M LIH	Green	PAPI Left /3° (16.5 M / 54 FT)	NIL	NIL	3103 M 60 M White, LIL	Red	NIL	NIL
32L	SALS 420M LIH	Green	PAPI Left /3° (16.5 M / → 54 FT)	NIL	NIL	3103 M 60 M White, LIL	Red	NIL	NIL

**OIAA AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	<i>ABN location, characteristics and hours of operation</i>	On top of the control Tower building, FLG G and W, EV 5 sec HN and during IMC
2	<i>LDI location and LGT Anemometer location and LGT</i>	NIL
3	<i>TWY edge and center line lighting</i>	Edge: TWYs A, B, C, D, E Centre line : NIL
4	<i>Secondary power supply/switch-over time</i>	Available Switch-over time: 10 - 15 sec
5	<i>Remarks</i>	NIL

**OIAA AD 2.16 HELICOPTER LANDING AREA**

NIL

**OIAA AD 2.17 ATS AIRSPACE**

1	<i>Designation and lateral limits</i>	Abadan CTR: FIR BDRY Points A (305935N 0480203E), B (305930N 0482036E) (intersection with Ahwaz CTR), following Ahwaz CTR to point C(305027N 0484130E), D (295110N 0484500E), following FIR BDRY to point E (302737N 0480159E), to the point of origin	Abadan ATZ: A circle, radius 7 NM centred at 302216N 0481342E (ARP)
2	<i>Vertical limits</i>	FL 155	3000 FT AMSL
3	<i>Airspace classification</i>	D	
4	<i>ATS unit call sign Language(s)</i>	Abadan TWR English / Persian	
5	<i>Transition altitude</i>	5000 FT AMSL	
6	<i>Remarks</i>	NIL	

**OIAA AD 2.18 ATS COMMUNICATION FACILITIES**

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
TWR	Abadan Tower	118.100 MHZ 121.800 MHZ 121.500 MHZ	H24 H24 H24	Emergency frequency
ATIS (INFO)	Abadan Information	126.850 MHZ	H24	

**OIAA AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

<i>Type of aid, CAT of ILS (For VOR/ILS, give VAR)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Site of transmitting antenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
NDB	ABD	210 KHZ	H24	302213.7N 0481311.7E		
DVOR/DME (4°E / 2015)	ABD	115.100 MHZ CH 98X	H24	302231.1N 0481314.2E		
→ LLZ 32L ILS CAT I (4°E/2015)	IABD	109.900MHZ		302252.2N 0481309.3E		
→ ILS GP RWY 32L		338.800MHZ		302128.2N 0481412.5E		
→ ILS DME RWY 32L	IABD	CH 36X		302128.2N 0481412.5E		
DVOR unusable in Baghdad FIR and in the FLW area counter clockwise direction at 40 DME ARC: 100° - 60° , BLW 2000 FT AMSL 60° - 30° , BLW 2500 FT AMSL 30° - 0° , BLW 3000 FT AMSL						

**OIAA AD 2.20 LOCAL TRAFFIC REGULATIONS**

- 1 - All departure traffic from RWY14 R/L are required to make immediately left turn before crossing FIR boundary.
- 2- Aircraft executing instrument approach procedure to OIAA airport and will route within 5NM from Baghdad FIR shall contact Baghdad approach on frequency 120.200MHZ at least 8 minutes prior to crossing the 5NM buffer area to obtain permission. Pilots should be requested/instructed to monitor the Baghdad approach frequency until clear of the Baghdad FIR. The Iraq CAA has given approval for those aircraft to penetrate Iraq airspace

**OIAA AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**OIAA AD 2.22 FLIGHT PROCEDURES**

Traffic pattern is defined as below:

- a. For fighter and heavy fixed-wing ACFT 1600 feet,
- b. For other fixed-wing ACFT 1100 feet and
- c. For helicopter 600 feet.

| Note: see AD 1.1.

**OIAA AD 2.23 ADDITIONAL INFORMATION**

- 1- Intensive bird's accumulation exists in the vicinity of AD.
- 2- Strolling dogs exist on the movement area.
- 3- All aircraft are authorized to make 180° turn only at the end of RWY 14L/32R.
- 4- Isolated aircraft parking position located at intersection of TWY B and E.
- 5- TWY K, J and I permanently closed.

**OIAA AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome Chart - ICAO.....	AD 2 OIAA ADC
Standard Departure Chart - Instrument - ICAO .....	AD 2 OIAA SID 1-1
	AD 2 OIAA SID 1-2
	AD 2 OIAA SID 2-1
	AD 2 OIAA SID 2-2
Standard Arrival Chart - Instrument - ICAO.....	AD 2 OIAA STAR 1-1
	AD 2 OIAA STAR 1-2
	AD 2 OIAA STAR 2-1
Instrument Approach Chart – ICAO .....	AD 2 OIAA IAC 1-1
	AD 2 OIAA IAC 1-2
	AD 2 OIAA IAC 2-1
	AD 2 OIAA IAC 2-2
	AD 2 OIAA IAC 2-3
	AD 2 OIAA IAC 2-4
	AD 2 OIAA IAC 3-1
	AD 2 OIAA IAC 3-2
	AD 2 OIAA IAC 4-1