

AD 2. AERODROMES**OIBB AD 2.1 AERODROME LOCATION INDICATOR AND NAME****OIBB - BUSHEHR / Secondary International Aerodrome****OIBB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	285658N 0504949E
2	<i>Direction and distance from (city)</i>	SW, 2.2 NM from Bushehr
3	<i>Elevation / Reference temperature</i>	72 FT / 38°C
4	<i>MAG VAR / Annual change</i>	3°E (2017) / Information not available
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iran Airports & Air Navigation Company (IAC) Bushehr Airport Postal code: 75167 Bushehr - Islamic Republic of Iran Tel: +9877 – 33333291-3 Telefax: +9877 - 33555381 Telex: NIL AFS: OIBBYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	Website: bushehr.airport.ir; Email: bushehr.info@airport.ir

OIBB AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	H24
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>Fueling</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>	NIL

OIBB 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>Fueling facilities/capacity</i>	Jet A1: 1 truck, 20000 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

OIBB 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
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
7	<i>Remarks</i>	NIL

OIBB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD category for fire fighting</i>	CAT 5
2	<i>Rescue equipment</i>	Available in accordance with AD category for fire fighting
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	During scheduled flight operation CAT 7 is available.

OIBB AD 2.7 SEASONAL AVAILABILITY - CLEARING

All seasons / Not applicable

OIBB AD 2.8 APRONS, TAXIWAYS

1	<i>Apron surface and strength</i>	Surface: Concrete Strength: Information not available
2	<i>Taxiway width, surface and strength</i>	Width: All TWYs 23M, except TWY G 25M, TWYs C&H 30M Surface: Asphalt, except TWYs C & H concrete Strength: Information not available
3	<i>Remarks</i>	Apron dimensions: 437.5 x 100 M which is divided in two parts with following PCN: Apron 1: 187.5M from north west to south east PCN 67/R/B/W/T Apron 2: the remain part PCN 67/R/B/W/U

OIBB 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>	Guide lines at apron Nose-in guidance at aircraft stand
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ, centre line, edge & RWY end marked RWY lighting: See OIBB AD 2.14 below TWY: Centre line, edge marked TWY lighting: See OIBB AD 2.15 below
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

OIBB 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	
31R / APCH 13L / TKOF	Chimney 49 FT AGL NIL	285521N 0505151E	Mast 120 FT AGL LGTD	285449N 0505004E	* Hot air exist above chimney
			Mast 197 FT AGL NIL	285237N 0505219E	
			Marine light 99 FT AGL LGTD	285853N 0504938E	
			Building 270 FT AGL LGTD	285446N 0505140E	
			Group of mast 15 to 28 FT AGL NIL	285451N 0505213E	
			Mast 197 FT AGL NIL	285723N 0505019E	
			Tower building 99 FT AGL LGTD	285701N 0505003E	
			Com mast 99 FT AGL LGTD	285659N 0505007E	
			→ Port Crane 344 FT AMSL NIL/ LGTD	285905N 0505130E	
			→ Mast 196 FT AMSL NIL/ LGTD	285527N 0505117E	
→ Mast 184 FT AMSL NIL	285526N 0505112E				
→ Building 302 FT AMSL NIL	285504N 0505106E				

<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	
		→	Mast 290 FT AMSL NIL	285517N 0505056E	
		→	Building 98 FT AMSL NIL	285543N 0505106E	
		→	Hill 105 FT AMSL NIL	285545N 0505102E	
		→	Mast 121 FT AMSL NIL	285547N 0505057E	
		→	Building 107 FT AMSL NIL	285551N 0505055E	
		→	Antenna 92 FT AMSL NIL	285607N 0505048E	
		→	Antenna 112 FT AMSL NIL	285605N 0505104E	
		→	BTS antenna 93 FT AMSL NIL	285722N 0504851E	
		→	Mast 158 FT AMSL NIL	285751N 0504906E	
		→	Mast 161 FT AMSL NIL/LGTD	285753N 0504920E	
		→	Mast 118 FT AMSL NIL/LGTD	285727N 0504933E	
		→	Water tower 113 FT AMSL Marked/NIL	285725N 0504936E	

OIBB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

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

OIBB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimensions of RWY (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
13L	131.97°GEO	4469 x 45	74/F/A/W/T Asphalt	285732.92N 0504906.28E GUND -74 FT	THR 8 FT
31R	311.99°GEO	4469 x 45	74/F/A/W/T Asphalt	285555.82N 0505108.98E GUND -74 FT	THR 66 FT
13R	131.97°GEO	4470 x 45	71/F/A/W/T Asphalt	285727.12N 0504900.36E GUND -74 FT	THR 7 FT
31L	311.98°GEO	4470 x 45	71/F/A/W/T Asphalt	285550.01N 0505103.07E GUND -74 FT	THR 72 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
0.44 %	295 x 45	295 x 150	NIL	NIL	- Distance between parallel RWY centre lines is 240 M - The first 305M of RWY 31L and 31R is concrete - AD code letter number: 4D
0.44 %	160 x 45	160 x 150	NIL	NIL	
0.39 %	300 x 45	300 x 150	NIL	NIL	
0.39 %	301 x 45	301 x 150	NIL	NIL	

OIBB 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
13L	4469	4764	4764	4469	NIL
31R	4469	4629	4629	4469	NIL
13R	4470	4770	4770	4470	NIL
31L	4470	4771	4771	4470	NIL

OIBB 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>
13L	SALS 420M LIH	Green	PAPI Left / 3.0° (64 FT)	NIL	NIL	4469 M 60 M White, LIH	Red	295 M Red	NIL
31R	PALS 813M LIH	Green Supplemented by WBAR	PAPI Left / 3.0° (64 FT)	NIL	NIL	4469 M 60 M White, LIH	Red	160 M Red	NIL
13R	SALS 420M LIH	Green Supplemented by WBAR	PAPI Left / 3.0° (64 FT)	NIL	NIL	4470 M 60 M White, LIH	Red	300 M Red	NIL
31L	SALS 420M LIH	Green Supplemented by WBAR	PAPI Left / 3.0° (64 FT)	NIL	NIL	4470 M 60 M White, LIH	Red	301 M Red	NIL

OIBB 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 2 sec HN and during IMC
2	<i>LDI location and LGT Anemometer location and LGT</i>	NIL
3	<i>TWY edge and centre line lighting</i>	Edge: TWY A, B, D and 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

OIBB AD 2.16 HELICOPTER LANDING AREA

NIL

OIBB AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Bushehr CTR: Points A (293250N 0511500E), B (294300N 0502000E), C (291430N 0494700E), D (280100N 0511400E), E (283930N 0514230E), point A and E are joined by a counter clockwise arc with radius of 70 NM centred at SYZ DVOR/DME (293224.6N 0523519.6E)	Bushehr ATZ: A circle, radius 7 NM centred at 285658N 0504949E (ARP)
2	<i>Vertical limits</i>	FL 245	3000 FT AMSL
3	<i>Airspace classification</i>	Above FL 200 class A, at FL 200 and below class D	D
4	<i>ATS unit call sign Language(s)</i>	Bushehr APP English / Persian	Bushehr TWR English / Persian
5	<i>Transition altitude</i>	5000 FT AMSL	
6	<i>Remarks</i>	NIL	

OIBB 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
APP	Bushehr Approach	119.700 MHZ 121.500 MHZ 317.500 MHZ 385.400 MHZ 298.000 MHZ 310.600 MHZ 243.000 MHZ	H24 H24 H24 H24 H24 H24 H24	Emergency frequency UDF, Military aircraft Military aircraft Military aircraft Military aircraft Military /Emergency
TWR	Bushehr Tower	122.500 MHZ → 119.700 MHZ 121.900 MHZ 121.500 MHZ 257.800 MHZ 275.800 MHZ	H24 1030-0330 H24 H24 H24 H24	APP and TWR control service are provided by TWR control For ground movements Emergency frequency Military aircraft
ATIS (INFO)	Bushehr Information	243.000 MHZ 126.200 MHZ	H24 0300-1900	Military aircraft Military /Emergency

OIBB 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	BUZ	341 KHZ	H24	285744.1N 0504921.9E										
DVOR/DME (3° E / 2017)	BUZ	117.450 MHZ CH 121Y	H24	285704.7N 0504933.5E	24 FT									
TACAN	BUZ	CH 59X	H24	285719.3N 0504914.9E	12 FT	IRIAF								
LLZ 31R ILS CAT I (3°E/2017)	IBUZ	109.900MHZ		285739.8N 0504857.6E										
ILS GP RWY 31R		333.800MHZ		285604.8N 0505103.9E		3° ,RDH 52 FT								
ILS DME RWY 31R	IBUZ		CH36X	285604.8N 0505103.9E										
<p>TACAN unusable between 125° - 135° beyond 25 NM BLW 3000 FT AMSL due to terrain. DVOR/DME unusable in counter clockwise direction beyond 40 DME in the FLW area:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1- 360°- 340° BLW 2500FT.</td> <td style="width: 50%;">5- 120°- 060° BLW 6000FT AMSL.</td> </tr> <tr> <td>2- 340°- 150° over the sea.</td> <td>6- 060°- 050° BLW 7500FT AMSL.</td> </tr> <tr> <td>3- 150°- 140° BLW 5000FT AMSL.</td> <td>7- 050°- 030° BLW 4500FT AMSL.</td> </tr> <tr> <td>4- 140°- 120° BLW 8000FT AMSL.</td> <td>8- 030°- 360° BLW 2500FT AMSL.</td> </tr> </table>							1- 360°- 340° BLW 2500FT.	5- 120°- 060° BLW 6000FT AMSL.	2- 340°- 150° over the sea.	6- 060°- 050° BLW 7500FT AMSL.	3- 150°- 140° BLW 5000FT AMSL.	7- 050°- 030° BLW 4500FT AMSL.	4- 140°- 120° BLW 8000FT AMSL.	8- 030°- 360° BLW 2500FT AMSL.
1- 360°- 340° BLW 2500FT.	5- 120°- 060° BLW 6000FT AMSL.													
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4- 140°- 120° BLW 8000FT AMSL.	8- 030°- 360° BLW 2500FT AMSL.													

OIBB AD 2.20 LOCAL TRAFFIC REGULATIONS

VFR traffics are not authorized to operate on right-hand pattern RWY 13L/R or left-hand pattern RWY 31L/R.

OIBB AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OIBB AD 2.22 FLIGHT PROCEDURES.

1- 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.

2- All inbound traffic are required to contact with Bushehr Radar on 127.800 or 135.100 MHZ before 50 NM to Bushehr for military identification then contact with Bushehr approach and tower on appropriate frequencies.

OIBB AD 2.23 ADDITIONAL INFORMATION

- 1- Intensive birds' accumulation exist in the vicinity of AD.
- 2- Strolling animals exist on the movement area.
- 3- Heavy and medium aircraft are permitted to make 180° turn only at the end of RWY in use.
- 4- Net barrier on RWY 31R PSN located at SWY RWY 31R, 21M before THR RWY 13L.

It will be engaged by prior arrangement; HGT during engagement is 11 FT AGL.

5- Hook barrier:

- RWY 31R: first one PSN at 17M before THR RWY 13L, second one PSN at 747M after THR RWY 31R.
- RWY 13R: PSN at 700M after THR RWY 13R.
- RWY 31L: first one PSN at 13M before THR RWY 13R, and second one PSN 745M after THR RWY 31L.
- It will be engaged by prior arrangement; HGT during engagement is 15 CM AGL.
- Related equipment of each hook barrier fixed just beyond both side of RWY edge mark

6- Marine light exists at 285853N 0504938E operating with white flash every 5 second, during HN and IMC.

7- Isolated aircraft parking position located at TWY C.

8- Hot air and turbulence exist above chimney.

9- Hot spot:

- RWY 13L/31R and TWY B intersection: entry point of fire engines and airport vehicles into the RWY in case of emergency condition.
- RWY 13R/31L and TWY G, M4 intersections, and RWY 13L/31R TWY G, M5 intersections: pilots are to look out for movement of military vehicles

OIBB AD 2.24 CHARTS RELATED TO AN AERODROME

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