

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

1	<i>ARP coordinates and site at AD</i>	340813N 0495031E
2	<i>Direction and distance from (city)</i>	NE, 20 KM from Arak
3	<i>Elevation / Reference temperature</i>	5453 FT / 36°C
4	<i>MAG VAR / Annual change</i>	5° E (2025) / 0.03° Increasing
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iran Airports & Air Navigation Company (IAC) Arak Airport P.O.BOX: 38135 – 838 Arak – Islamic Republic of Iran Tel : 086 – 33689001 ; 086 –33680029,30 ; 086– 33689003 Telefax: 086 – 33689002 Telex: NIL AFS: OIHRDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	NIL

OIHR AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	SAT to WED 0400-1130 Except Holidays
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>	SAT to THU 0400-1200 FRI and other times O/R
8	<i>Fuelling</i>	SAT to WED 0400-1200 THU, FRI and other times O/R
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>	PPR for Non-scheduled flights at least 48 HR before EOBT from OIHR

OIHR 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>	Jet A1 : 1 truck, 8000 litres, 10 litres/sec 1 truck, 20000 litres, 10 litres/sec
4	<i>De - icing facilities</i>	NIL
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	NIL

OIHR AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Available in the city
2	<i>Restaurants</i>	Available in the city
3	<i>Transportation</i>	Taxis
4	<i>Medical facilities</i>	Hospital in the city
5	<i>Bank and Post Office</i>	Available in the city
6	<i>Tourist Office</i>	Available in the city
7	<i>Remarks</i>	NIL

OIHR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD category for fire fighting</i>	CAT 3
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>	Up to CAT 6 is available during scheduled flights operations for non-scheduled flights operations, PPR at least 48 HR before EOBT from OIHR

OIHR AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	1 Tractor, 2 Blades fitted in to trucks, 1 Solid de-icing chemical dispenser, 1 Snow sweeper device (small swath, light duty, 3.6M)
2	<i>Clearance priorities</i>	1-RWY 08/26 2-TWY A 3 -Apron
3	<i>Remarks</i>	NIL

OIHR AD 2.8 APRONS, TAXIWAYS

1	Apron designation, surface and strength	Surface: Asphalt Strength: 65/F/C/X/T
2	Taxiway designation, width, surface and strength	Width: 23 M Surface: Asphalt Strength: 65/F/C/X/T
→ 3	Altimeter checkpoint location and elevation	NIL
→ 4	VHF omnidirectional radio range (VOR) checkpoints	NIL
→ 5	INS checkpoints	NIL
6	Remarks	Apron dimension: 150 x 75 M

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

1	Use of aircraft stand ID signs, TWY guide lines and parking guidance system of aircraft stands	Guide lines at apron
2	RWY and TWY markings and LGT	RWY: Designation, THR, TDZ, centre line, edge & RWY end marked RWY Lighting: See OIHR AD 2.14 below TWY: Centre line and edge marked Holding position at TWY/RWY intersection marked TWY Lighting: See OIHR AD 2.15 below
3	Stop bars	NIL
4	Remarks	NIL

→ OIHR AD 2.10 AERODROME OBSTACLES

In approach / TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY/Area affected	Obstacle type Elevation/ HGT Markings/LGT	Coordinates	Obstacle type Elevation/ HGT Markings/LGT	Coordinates	
a	b	c	a	b	
08 / APCH 26 / TKOF	Power Line 5597 FT AMSL NIL	340801N 0494739E	Power Line 5606 FT AMSL NIL	340810N 0494732E	
			Power Line 5596 FT AMSL NIL	340820N 0494724E	
			Power Line 5595 FT AMSL NIL	340829N 0494716E	

OIHR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Arak
2	Hours of service MET Office outside hours	O/R --
3	Office responsible for TAF preparation Periods of validity	Information not available
4	Type of landing forecast Interval of issuance	Information not available
5	Briefing/consultation provided	Information not available
6	Flight documentation Language(s) used	Information not available
7	Charts and other information available for briefing or consultation	Information not available
8	Supplementary equipment available for providing information	Information not available
9	ATS units provided with information	Arak AFIS
10	Additional information (limitation of service, etc.)	NIL

OIHR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength(PCN) and surface of RWY and SWY	THR coordinates Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
08	079.21°GEO	3699 x 45	65/F/C/X/T Asphalt	340806.07N 0494939.48E GUND 20 FT	THR 5447 FT
26	259.24°GEO	3699 x 45	65/F/C/X/T Asphalt	340828.52N 0495201.32E GUND 20 FT	THR 5453 FT
Slope of RWY - SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.05%	120 x 45	120 x 150	NIL	NIL	-AD Reference Code: 4D
0.05%	120 x 45	120 x 150	NIL	NIL	

OIHR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
08	3699	3819	3819	3699	NIL
26	3699	3819	3819	3699	NIL

OIHR AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT LEN, spacing, colour INTST	RWY edge LGT LEN, spacing colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN colour	Remarks
1	2	3	4	5	6	7	8	9	10
08	NIL	Green	NIL	NIL	NIL	3699 M 60 M White, LIH	Red	Red 120 M	NIL
26	SALS 420 M LIH	Green	PAPI Left /3.1 ° (53FT)	NIL	NIL	3699 M 60 M White, LIH	Red	Red 120 M	NIL

OIHR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN location, characteristics and hours of operation	On top of the control tower building, FLG G and W, EV 2 SEC. HN and during IMC.
2	LDI location and LGT Anemometer location and LGT	NIL
3	TWY edge and centre line lighting	TWY Edge: lighted Centre line: NIL
4	Secondary power supply /Switch-Over time	During primary power network failure, automatic secondary power supply (diesel generator) is available for all visual navigation aids and CNS/ATM equipment. Switch-over time:10-15 sec
5	Remarks	NIL

OIHR AD 2.16 HELICOPTER LANDING AREA

NIL

OIHR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Arak ATZ: A circle, radius 7 NM centered at 340813N 0495031E (ARP)
2	Vertical limits	9500 FT AMSL
3	Airspace classification	G
4	ATS unit call sign Language(s)	Arak Information English / Persian
5	Transition altitude	12000 FT AMSL
6	Remarks	Transition level: FL 140

OIHR 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
AFIS	Arak Information	118.650 MHZ 121.850 MHZ	HS	For ground movements

OIHR 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	ARK	280 KHZ	H24	340804.1N 0495055.2E		
VOR/DME (5° E /2025)	ARK	114.800 MHZ CH 95X	H24	340813.9N 0495113.8E	5449 FT	
VOR/DME unusable clockwise direction in the following area: 1- at 20 DME: - 40°- 310°, BLW 12000 FT AMSL - 310°- 180°, BLW 13000 FT AMSL - 180°- 100°, BLW 12000 FT AMSL - 100°- 40°, BLW 13000 FT AMSL 2- at 40 DME: - 300°- 230°, BLW 15000 FT AMSL - 230°- 180°, BLW 17000 FT AMSL - 180°- 80°, BLW 15000 FT AMSL - 80°- 50°, BLW 13000 FT AMSL - 50°- 340°, BLW 12000 FT AMSL - 340°- 300°, BLW 10000 FT AMSL						

OIHR AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

OIHR AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OIHR AD 2.22 FLIGHT PROCEDURES

Traffic pattern is defined as below:

- For fighter and heavy fixed-wing ACFT 7000 feet,
- For other fixed-wing ACFT 6500 feet and
- For helicopter 6000 feet.

Note: see AD 1.1.

OIHR AD 2.23 ADDITIONAL INFORMATION

- 1- Strolling animals exist on movement area.
- 2- Intensive bird's accumulation exists in the vicinity of AD.
- 3- 20CM difference in surface exists between RWY 08/26 and shoulder on both sides.
- 4- Engine test operation for high RPM shall be held at the beginning of RWY 08. Engine test of 5 minutes or less may be held on parking position with idle engine operation, prior to engine testing coordination with TWR on frequency 118.650 MHz is required. All measures shall be taken in testing area by the operator, performing engine test.
- ➔ 5-Isolated aircraft parking position is located at the RWY 26 turn pad.
- ➔ 6-De-icing and anti-icing area is shown on the ADC (Aerodrome Chart).

OIHR AD 2.24 CHARTS RELATED TO AN AERODROME

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