

## AD 2. AERODROMES

### OIIP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OIIP - KARAJ - PAYAM / Secondary International Aerodrome

### OIIP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	354647N 0504922E
2	<i>Direction and distance from ( city )</i>	SW, 7.5 NM from Karaj
3	<i>Elevation / Reference temperature</i>	4170 FT / 39° C
4	<i>MAG VAR / Annual change</i>	5° E (2019) / Information not available
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Ministry of Communications and Information Technology Aviation Service (MICTAS) Postal code: 3187411118 Karaj - Islamic Republic of Iran Tel: +9826 - 33266037, 33266011 Telefax: +9826 - 33266000 Telex: 214806, PMAPIR AFS: OIIPYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	AFIS provide by Iran Airports and Air Navigation Company (IAC)

### OIIP AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	0430 - 1300
2	<i>Customs and immigration</i>	0430-1300 and other time O/R, PPR from OIIP at least 72 hours before EOBT
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>	From 21 MAR to 22 SEP 0230-1330 From 23 SEP to 20 MAR 0300-1330
8	<i>Fuelling</i>	0130 - 2030
9	<i>Handling</i>	0130 - 2030
10	<i>Security</i>	H24
11	<i>De-icing</i>	NIL
12	<i>Remarks</i>	NIL

**OIIP AD 2.4 HANDLING SERVICES AND FACILITIES**

1	<i>Cargo - handling facilities</i>	Available by MICTAS
2	<i>Fuel / oil types</i>	Jet A1
3	<i>Fuelling facilities/capacity</i>	Jet A1: 2 trucks, 20000 litres, 60 litres/sec, No limitation
4	<i>De - icing facilities</i>	NIL
5	<i>Hanger space for visiting aircraft</i>	Available for medium and light aircraft
6	<i>Repaire facilities for visiting aircraft</i>	Limited
7	<i>Remarks</i>	NIL

**OIIP AD 2.5 PASSENGER FACILITIES**

1	<i>Hotels</i>	Available in the aerodrome & city
2	<i>Restaurants</i>	Available in the aerodrome & city
3	<i>Transportation</i>	Taxis
4	<i>Medical facilities</i>	First aids in aerodrome, hospital in the city
5	<i>Bank and Post Office</i>	Available during administration hours
6	<i>Tourist Office</i>	NIL
7	<i>Remarks</i>	NIL

**OIIP 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 for medium and light aircraft
4	<i>Remarks</i>	NIL

**OIIP AD 2.7 SEASONAL AVAILABILITY - CLEARING**

1	<i>Types of clearing equipment</i>	Two blades fitted in to trucks
2	<i>Clearance priorities</i>	1- RWY 30/12 2- TWY 3- Apron
3	<i>Remarks</i>	NIL

**OIIP AD 2.8 APRONS, TAXIWAYS**

1	<i>Apron surface and strength</i>	Surface: Asphalt Strength: PCN 75/F/C/X/T
2	<i>Taxiway width, surface and strength</i>	Width: 30 M Surface: Asphalt Strength: PCN 75/F/C/X/T
3	<i>Remarks</i>	NIL

**OIIP 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>	NIL
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ, centre line, edge & RWY end marked. TWY: Centre line, edge, holding position at TWY/RWY intersection marked.
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

**OIIP 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>	3
a	b	c	a	b	
			← TWR BLDG 4249 FT AMSL NIL	354550N 0505026E	
			→ COM Mast 4254 FT AMSL NIL	354544N 0505034E	
			→ COM Mast 4311 FT AMSL NIL	354540N 0505032E	
			→ Hill 4204 FT AMSL NIL	354655N 0504853E	

<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	
		→	Hill 4215 FT AMSL NIL	354705N 0504836E	
		→	Hill 4236 FT AMSL NIL	354652N 0504850E	
		→	COM Mast 4365 FT AMSL NIL	354542N 0505027E	
		→	Water tank 4320 FT AMSL NIL	354538N 0505029E	

**OIIP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET Office</i>	Alborz province MET office
2	<i>Hours of service MET Office outside hours</i>	H24 --
→ 3	<i>Office responsible for TAF preparation Periods of validity</i>	Alborz province MET office 9 HR
→ 4	<i>Type of landing forecast Interval of issuance</i>	Information not available
→ 5	<i>Briefing/consultation provided</i>	Information not available
→ 6	<i>Flight documentation Language(s) used</i>	English/Persian
→ 7	<i>Charts and other information available for briefing or consultation</i>	Information not available
→ 8	<i>Supplementary equipment available for providing information</i>	Information not available
9	<i>ATS units provided with information</i>	Payam AFIS
→ 10	<i>Additional information (limitation of service, etc)</i>	Information not available

**OIIP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

<i>Designations RWY NR</i>	<i>TRUE &amp; MAG BRG</i>	<i>Dimensions of RWY (M)</i>	<i>Strength(PCN) and surface of RWY and SWY</i>	<i>THR coordinates</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
1	2	3	4	5	6
12	128.02°GEO	3667 x 45	75/F/C/X/T Asphalt	354710.12N 0504839.39E GUND 11FT	THR 4164 FT
30	308.04°GEO	3667 x 45	75/F/C/X/T Asphalt	354556.82N 0505034.42E GUND 11FT	THR 4163 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
0.01 %	107 x 45	107	NIL	NIL	NIL
0.01 %	159 x 45	NIL	NIL	NIL	NIL

**OIIP 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
12	3667	3774	3774	3667	NIL
30	3667	3667	3826	3667	NIL

**OIIP 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 colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
12	NIL	NIL	PAPI Left / 3.2° (79 FT)	NIL	NIL	NIL	NIL	NIL	NIL
30	NIL	NIL	PAPI Left / 3.5° (79 FT)	NIL	NIL	NIL	NIL	NIL	NIL

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

1	<i>ABN location, characteristics and hours of operation</i>	On the top of aerodrome control tower, 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 centre line lighting</i>	NIL
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting at AD. Switch-over time: less than 15 sec (10 sec).
5	<i>Remarks</i>	NIL

**OIIP AD 2.16 HELICOPTER LANDING AREA**

Information not available

**OIIP AD 2.17 ATS AIRSPACE**

1	<i>Designation and lateral limits</i>	Payam ATZ: A circle, radius 3 NM centred at 354647N 0504922E (ARP).
2	<i>Vertical limits</i>	5500 FT MSL
3	<i>Airspace classification</i>	G
4	<i>ATS unit call sign Language(s)</i>	Payam Information English / Persian
5	<i>Transition altitude</i>	9000 FT MSL
6	<i>Remarks</i>	Transition level: FL 110

**OIIP 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	Payam Information	118.400 MHZ 121.650 MHZ 121.500 MHZ	From 21 MAR to 22 SEP 0230-1330  From 23 SEP to 20 MAR 0300-1330	
ATIS (INFO)	Payam Information	127.050 MHZ		

**OIIP 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	PIM	306 KHZ	H24	354541.7N 0505058.5E		Power 50 W Coverage 100 NM
VOR/DME 5° E (2019)	PIM	117.500 MHZ CH 122X	H24	354543.8N 0505104.5E		Site ELEV: 4125 FT
<p>VOR/DME unusable at 40 DME in clockwise direction in the FLW area:                      110° to 180° BLW 11000 FT AMSL.                                      180° to 240° BLW 13000 FT AMSL.                      240° to 350° BLW 15000 FT AMSL.                                      350° to 020° BLW 16000 FT AMSL.                      020° to 090° BLW 20000 FT AMSL.                                      090° to 110° BLW 13000 FT AMSL.</p>						
<p>→ RDL303° is unusable due to excessive course error.</p>						

**OIIP AD 2.20 LOCAL TRAFFIC REGULATIONS**

NIL

**OIIP AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**OIIP AD 2.22 FLIGHT PROCEDURES**

1- In order to harmonize traffic flow, common transition altitude and common transition level in Tehran TMA are introduced as follow:

Transition altitude: 9000FT, Transition level: FL110

These procedures are applicable for the implementation of separation in Tehran TMA.

All flights shall set Mehrabad (OIII) QNH as area QNH. Local AD QNH shall be set for arriving and departing aircraft to or from all aerodromes within Tehran TMA below 6000FT.

2- Speed restriction for arriving aircraft: a) within Tehran TMA MAX 270 KT IAS.

b) within Tehran CTR MAX 230 KT IAS.

**OIIP AD 2.23 ADDITIONAL INFORMATION**

1- Strolling dogs exist on the movement area.

2- Intensive birds' accumulation exist in the vicinity of AD (especially at short final of RWY 12), particularly in spring period.

3- Natural hills exist with average HGT 85 FT surrounded final RWY 12, DIST FM THR RWY 12 APRX 100M.

4- Payam aerodrome is closed, every year on 4 June at 0215 - 0630.

5- A canal exists at left side of RWY 30 BTN TWY A and B, with FLW specification: DIST FM THR RWY 30:FM 527M to 927M, DIST FM RCL 30:107M.

6- The group of trees exist on left side of beginning RWY 30, DIST FM RCL:100M HGT:10 FT

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

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