

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

1	<i>ARP coordinates and site at AD</i>	351503N 0470040E
2	<i>Direction and distance from (city)</i>	S, 4.5 NM from Sanandaj
3	<i>Elevation / Reference temperature</i>	4528 FT / 37°C
4	<i>MAG VAR / Annual change</i>	5° E (2017) / Information not available
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iran Airports & Air Navigation Company (IAC) Sanandaj Airport Sanandaj, Islamic Republic of Iran Tel: +9887 – 33774051-3, 33774060 Telefax: +9887 - 33774066 Telex: NIL AFS: OICSYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	NIL

OICS AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	SAT to THU 0400-1100 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>	FM 21 MAR TO 22 SEP: 0230-1430 and FM 23 SEP TO 20 MAR: 0330-1330
8	<i>Fuelling</i>	Same as ATS
9	<i>Handling</i>	Available during schedule flights, other times O/R
10	<i>Security</i>	H24
11	<i>De-icing</i>	NIL
12	<i>Remarks</i>	Other times O/R, PPR at least 72 HR before EOBT from OICS

OICS 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,18000 litres, 17 litres/sec 1 truck, 8000 litres, 5 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

OICS 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>	First aids and ambulance at aerodrome; Hospital in the city
5	<i>Bank and Post Office</i>	ATM Available and bank is available for preplanned international flight.
6	<i>Tourist Office</i>	Available at aerodrome
7	<i>Remarks</i>	NIL

OICS 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 firefighting
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	CAT 6 is available during scheduled flight operations for non-scheduled flight operations, PPR at least 72 HR before EOBT from OICS AD.

OICS AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	6 Snow ploughs, 1 Snow brush, 3 Truck sweepers (one of the truck sweepers has the ability to spray urea) ,1 Snow blower
2	<i>Clearance priorities</i>	1- RWY 2- TWY A 3- Apron 4- TWY B
3	<i>Remarks</i>	NIL

OICS AD 2.8 APRONS, TAXIWAYS

1	<i>Apron designation, surface and strength</i>	Surface: Asphalt Strength: PCN 55/F/C/X/T
2	<i>Taxiway designation, width, surface and strength</i>	Width: 23 M Surface: Asphalt Strength: PCN 55/F/C/X/T
→ 3	<i>Altimeter checkpoint location and elevation</i>	NIL
→ 4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
→ 5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	Apron dimensions: 260 x 82 M

OICS 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, DTHR, TDZ, centre line, edge & RWY end marked. THR, edge & end lighted. TWY: Edge & centre line marked. Edge lighted.
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

OICS AD 2.10 AERODROME OBSTACLES

<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	
01/APCH 19/TKOF	Building 4635 FT AMSL NIL	351316N 0470007E	Power line 4902 FT AMSL NIL	351352N 0470102E	
01/APCH 19/TKOF	Cement Bunker 4658 FT AMSL NIL	351314N 0470006E	Power line 4800 FT AMSL NIL	351330N 0470049E	
01/APCH 19/TKOF	LOC Building 4499 FT AMSL NIL	351346.5N 0470012.6E	Building 4710 FT AMSL NIL	351311N 0470033E	
01/APCH 19/TKOF	Building 4547 FT AMSL NIL	351304N 0465952E	COM Mast 4648 FT AMSL NIL	351324N 0470026E	
01/APCH 19/TKOF	Building 4538 FT AMSL NIL	351324N 0465956E	Building 4707 FT AMSL NIL	351311N 0470018E	
19/APCH 01/TKOF	Building 4804 FT AMSL NIL	351708N 0470112E	Building 4628 FT AMSL NIL	351320N 0470012E	
19/APCH 01/TKOF	Building 4809 FT AMSL NIL	351709N 0470117E	Building 4629 FT AMSL NIL	351319N 0470010E	

<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	
→ 19/APCH 01/TKOF	Building 4814 FT AMSL NIL	351711N 0470122E	→ Power Line 4612 FT AMSL NIL	351357N 0470000E	
→ 19/APCH 01/TKOF	COM mast 8002 FT AMSL NIL	352551N 0470439E	→ Mast 4567 FT AMSL NIL	351411N 0470010E	
→ 19/APCH 01/TKOF	Building 4760 FT AMSL NIL	351740N 0470145E	→ Mast 4551 FT AMSL NIL	351440N 0470042E	
→ 19/APCH 01/TKOF	Building 4677 FT AMSL NIL	351653N 0470124E	→ Wall 4493 FT AMSL NIL	351352N 0470018E	
→ 19/APCH 01/TKOF	Building 4541 FT AMSL NIL	351532N 0470054E	→ Mast 5636 FT AMSL NIL	351541N 0465842E	
→ 19/APCH 01/TKOF	Power Line 4622 FT AMSL NIL	351605N 0470111E	→ Mast 4874 FT AMSL NIL	351530N 0470005E	
→ 19/APCH 01/TKOF	Power Line 4639 FT AMSL NIL	351606N 0470102E	→ Building 4864 FT AMSL NIL	351531N 0465956E	
→ 19/APCH 01/TKOF	Power Line 4642 FT AMSL NIL	351604N 0470101E	→ Mast 4649 FT AMSL NIL	351531N 0470037E	
→ 19/APCH 01/TKOF	Power Line 4654 FT AMSL NIL	351610N 0470101E	→ Building 4791 FT AMSL NIL	351546N 0470022E	
→ 19/APCH 01/TKOF	Power Line 4674 FT AMSL NIL	351618N 0470101E	→ Mast (NDB) 4770 FT AMSL NIL	351543.6N 0470033.9E	
→ 19/APCH 01/TKOF	Power Line 4706 FT AMSL NIL	351626N 0470102E	→ COM Mast 4727 FT AMSL NIL	351555N 0470037E	
			→ Mast 4733 FT AMSL NIL	351603N 0470043E	
			→ Building 5018 FT AMSL NIL	351709N 0470031E	
			→ Building 5048 FT AMSL NIL	351713N 0470059E	
			→ Mast 4947 FT AMSL NIL	351543N 0470157E	
			→ Mast 4579 FT AMSL NIL	351526N 0470057E	

<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	
		→	Mast 4629 FT AMSL NIL	351524N 0470100E	
		→	Mast 4572 FT AMSL NIL	351524N 0470055E	
		→	Mosque 4613 FT AMSL NIL	351520N 0470058E	
		→	Apron Mast 4590 FT AMSL NIL	351510N 0470050E	
		→	Apron Mast 4590 FT AMSL NIL	351502N 0470046E	
		→	Control Tower 4591 FT AMSL NIL	351503N 0470047E	
		→	GP Antenna 4565 FT AMSL NIL	351518.7N 0470042.3E	
		→	Building 4873 FT AMSL NIL	351715N 0470107E	
		→	Building 4626 FT AMSL NIL	351527N 0470105E	
		→	Building 4541 FT AMSL NIL	351358N 0470028E	
		→	Power Line 4621 FT AMSL NIL	351558N 0470114E	
		→	Power Line 4633 FT AMSL NIL	351604N 0470117E	
		→	Power Line 4672 FT AMSL NIL	351608N 0470054E	
		→	Power Line 4685 FT AMSL NIL	351608N 0470054E	
		→	Power Line 4686 FT AMSL NIL	351609N 0470053E	
		→	Power Line 4680 FT AMSL NIL	351609N 0470053E	

OICS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	Sanandaj
2	<i>Hours of service</i> <i>MET Office outside hours</i>	H24 --
3	<i>Office responsible for TAF preparation</i> <i>Periods of validity</i>	Information not available
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	Information not available
5	<i>Briefing/consultation provided</i>	Information not available
6	<i>Flight documentation</i> <i>Language(s) used</i>	Information not available
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>	Sanandaj TWR
10	<i>Additional information (limitation of service, etc.)</i>	NIL

OICS 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
01	018.18°GEO	3019 x 45	55/F/C/X/T Asphalt	351353.26N 0470012.33E GUND +41 FT	THR 4488 FT
19	198.19°GEO	3019 x 45	55/F/C/X/T Asphalt	351526.33N 0470049.59E GUND +41 FT	THR 4528 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
-0.4 %	110 x 45	110 x 150	NIL	NIL	THR RWY 01 displaced 500 M. DTHR elevation 4484FT. DTHR RWY 01 Coordinates: 351408.68N 0470018.49E
-0.4 %	95 x 45	95 x 150	NIL	NIL	NIL

RWY 01/19 AD ELEV 4528FT					
ELEV 4488FT	SLOPE %0.22	SLOPE %0.38	SLOPE %0.44	SLOPE %0.93	ELEV 4528FT
THR 01	600M	851M	871M	699M	THR 19

OICS 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
01	3019	3129	3129	2519	NIL
19	2519	3114	3114	3019	NIL

OICS 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
01	NIL	Green Supplemented by WBAR	NIL	NIL	NIL	3019 M 60 M White, LIH	Red	110 M Red	THR and WBAR lights installed at permanent DTHR
19	NIL	Green Supplemented by WBAR	PAPI Left / 4° (64 FT)	NIL	NIL	3019 M 60 M White, LIH	Red	NIL	NIL

OICS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN location, characteristics and hours of operation</i>	At the top of tower building, FLG G and W, EV 4 sec For arriving and departing flights during night and IMC
2	<i>LDI location and LGT</i> <i>Anemometer location and LGT</i>	NIL
3	<i>TWY edge and centre line lighting</i>	Edge: all TWY Centre line: NIL
4	<i>Secondary power supply/switch-over time</i>	Available Switch-over time: 10 - 15 sec
5	<i>Remarks</i>	NIL

OICS AD 2.16 HELICOPTER LANDING AREA

NIL

OICS AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Sanandaj CTR: A circle, radius 24 NM centered at 351419.7N 0470029.2E (VOR/DME)	Sanandaj ATZ: A circle, radius 7 NM centered at 351503N 0470040E (ARP)
2	<i>Vertical limits</i>	FL 155	11000 FT AMSL
3	<i>Airspace classification</i>	D	
4	<i>ATS unit call sign</i> <i>Language(s)</i>	Sanandaj TWR English / Persian	
5	<i>Transition altitude</i>	11000 FT AMSL	
6	<i>Remarks</i>	NIL	

OICS 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	Sanandaj Tower	122.900 MHZ 121.900 MHZ 121.500 MHZ	FM 21 MAR TO 22 SEP: 0230-1430 and FM 23 SEP TO 20 MAR: 0330-1330	Emergency frequency
ATIS	Sanandaj Information	128.450 MHZ		

OICS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS (For VOR/ILS, give VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME (5° E 2017)	SNJ	116.500 MHZ CH 112X	H24	351419.7N 0470029.2E		4° RDH 54 FT
LOC RWY 19 ILS CAT I (5° E 2017)	ISNJ	109.300 MHZ	H24	351347.2N 0470009.9E		
ILS GP RWY 19		332.000 MHZ	H24	351518.7N 0470042.4E		
ILS/DME RWY 19	ISNJ	CH 30X	H24	351518.7N 0470042.3E		
VOR/DME unusable in counter clockwise direction beyond 25 DME in the FLW area: - RDL 360°- 330° BLW 15000 FT AMSL. - RDL 330°- 200° BLW 20000 FT AMSL. - RDL 200°- 130° BLW 19000 FT AMSL. - RDL 130°- 080° BLW 21000 FT AMSL. - RDL 080°- 040° BLW 20000 FT AMSL. - RDL 040°- 360° BLW 17000 FT AMSL. ILS: Do not deviate below GP angle due to high terrain. Coverage of LOC is +34°/-32° at 10300FT on 17NM.						

→ OICS AD 2.20 LOCAL TRAFFIC REGULATIONS

For position take-off and landing operations, helicopters shall utilize the designated runways for all take-off and landing activities, with taxiing limited to authorized taxiways. Helicopters engaged in Search and Rescue (SAR) or hospital flights shall be exempted only when specifically requested by the pilot.

Note: It is emphasized that, regarding helicopter take-off and landing operations, compliance with the requirements of Sections 9.2.11 and 9.2.12 of the Civil Aviation Organization's MATS (Manual of Air Traffic Services) is mandatory.

OICS AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OICS AD 2.22 FLIGHT PROCEDURES

Traffic pattern is defined as below:

- a. For fighter and heavy fixed-wing ACFT 6100 FT,
- b. For other fixed-wing ACFT 5600 FT and
- c. For helicopter 5100 FT.

Note: see AD 1.1.

OICS AD 2.23 ADDITIONAL INFORMATION

- 1- Intensive birds' accumulation exist in the vicinity of AD.
- 2- Strolling dogs exist on the movement area.
- 3- Anti-icing & De-icing area located at north part of apron.
- 4- Heavy and medium aircraft make 180° turn only at the end of RWY in use.
- 5- A pond exists on right side of RWY 19, 1800 m after THR RWY 19 and 80m from RWY centerline with following specifications:
Width: 30m, length: 100m, depth: 8m.
- 6- A canal exists on right side of RWY 19 with the following specifications:
Distance from THR RWY 19: 1800m up to 1900m after THR RWY 19,
Distance from RCL: 105m (up to 109m) from RCL,
Length: 100m, Width: 4m, Depth: 3m.
- 7- A pool exists on left side of RWY 19 with the following specifications:
Distance from THR RWY 19: 300m after THR RWY 19.
Distance from RCL: 110m from RCL,
Length: 13m, Width: 3m, Depth: 1.5m.

OICS AD 2.24 CHARTS RELATED TO AN AERODROME

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