

**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>	O/R
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>	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>	1 truck 18000 litres, 17 litres/sec ,1 truck 8000 litres, 5 litres/sec
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

**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 6
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>	NIL

**OICS AD 2.7 SEASONAL AVAILABILITY - CLEARING**

1	<i>Types of clearing equipment</i>	two blades fitted into trucks, one blade fitted into the urea spreader
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 surface and strength</i>	Surface: Asphalt Strength: PCN 55/F/C/X/T
2	<i>Taxiway width, surface and strength</i>	Width: 23 M Surface: Asphalt Strength: PCN 55/F/C/X/T
3	<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 & 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

→	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	

		→	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 --
9	<i>ATS units provided with information</i>	Sanandaj TWR

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

**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 coordinate : 351408.68N 0470018.49E
-0.4 %	95 x 45	95 x 150	NIL	NIL	NIL

  

**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° (19.5 M / 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 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 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	HS	Emergency frequency
ATIS (INFO)	Sanandaj Information	128.450 MHZ		

**OICS 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
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**

NIL

**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 6000 feet,
- b. For other fixed-wing ACFT 5500 feet and
- c. For helicopter 5000 feet.

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