

AD 2. AERODROMES**OITL AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

OITL - ARDABIL / Secondary International Aerodrome

OITL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	381936N 0482527E
2	<i>Direction and distance from (city)</i>	NE, 7.6 NM from Ardabil
3	<i>Elevation / Reference temperature</i>	4319 FT / 25.5° C
4	<i>MAG VAR / Annual change</i>	5°30' E (2016)
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iranian Airports & Air Navigation Company (IAC) Ardabil Airport P.O.BOX: 56135 - 544 Ardabil - Islamic Republic of Iran Tel: +9845 – 31450000 Telefax: +9845 – 31455202, 33453624 Telex: NIL AFS: OITLYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	NIL

OITL AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	SAT to WED 0400-1200 (0300-1100)
2	<i>Customs and immigration</i>	O/R
3	<i>Health and sanitation</i>	Available during scheduled flight time
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>	0400-1400 (0300-1500)
8	<i>Fuelling</i>	0330 -1530 (0230 -1430)
9	<i>Handling</i>	O/R
10	<i>Security</i>	H24
11	<i>De-icing</i>	O/R
12	<i>Remarks</i>	Other times O/R & PPR at least 72 HR before EOBT from OITL

OITL AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo - handling facilities</i>	Available by main carrier & Nourrizan-e-Mahan co.
2	<i>Fuel / oil types</i>	Jet A1 & JP4
3	<i>Fuelling facilities/capacity</i>	2 trucks, 20000 and 45000 liters, 50 liters/sec.
4	<i>De - icing facilities</i>	Available by main carrier for aircraft FK-100
5	<i>Hanger space for visiting aircraft</i>	NIL
6	<i>Repaire facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	Defueling facilities available

OITL 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>	Taxi
4	<i>Medical facilities</i>	Hospital in the city, first aid at AD
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

OITL 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>	NIL
4	<i>Remarks</i>	NIL

OITL AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	2 Blowers,1 blade fitted into tractor, 4 blades fitted into trucks, 2 Urea spreaders,1 RWY deicing spreader,1 friction test
2	<i>Clearance priorities</i>	1- Fire fighting Service road 2- RWY 15/33 3-TWY 4- Apron 5- RWY 07/25 6- Service road
3	<i>Remarks</i>	NIL

OITL AD 2.8 APRONS, TAXIWAYS

1	<i>Apron surface and strength</i>	Surface: Asphalt Strength: NIL
2	<i>Taxiway width, surface and strength</i>	Width: 23 M Surface: Asphalt Strength: NIL
3	<i>Remarks</i>	Apron dimensions: 220 x 100 M

**OITL 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 07/25: Designation, THR, TDZ, centre line, edge & end marked RWY15/33: Designation, THR, centre line, edge & end marked RWY lighting: See OITL AD 2.14 TWY lighting: See OITL AD 2.15
3	<i>Stop bars</i>	Available on TWY A
4	<i>Remarks</i>	NIL

OITL 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	
07 / APCH 25 / TKOF	Water pump 12 FT AGL NIL	357M from RWY 07 THR	Six floodlights 4388 FT AMSL LGTD	381927N 0482516E	
07 / APCH 25 / TKOF	Power Line 4465 FT AMSL NIL 4470 FT AMSL NIL	First: 381824N 0482220E Second: 381810N 0482223E	Com mast 119 FT AGL NIL	381945N 0482504E	
07 / APCH 25 / TKOF	TV Antenna 4649 FT AMSL LGTD	381639N 0481940E			
15 / APCH 33 / TKOF	ILS GP antenna 4296 FT AMSL NIL	382011N 0482503E			
33 / APCH 15 / TKOF	ILS GP antenna 4299 FT AMSL NIL	381852N 0482550E			
15 / APCH 33 / TKOF	LLZ antenna 4292 FT AMSL NIL	382030N 0482444E			
33 / APCH 15 / TKOF	LLZ antenna 4303 FT AMSL NIL	381834N 0482609E			

OITL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Ardabil
2	Hours of service MET Office outside hours	H24 --
9	ATS units provided with information	Ardabil TWR

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

OITL 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
15	149.90° GEO	3298 x 45	80/F/D/X/T Asphalt	382018.20N 0482453.28E GUND +34FT	THR 4296 FT
33	329.91° GEO	3298 x 45	80/F/D/X/T Asphalt	381845.66N 0482601.35E GUND +34FT	THR 4303 FT
07	074.91° GEO	2500 x 45	65/F/D/X/T Asphalt	381839.44N 0482406.48E GUND +34FT	THR 4319 FT
25	254.93° GEO	2500 x 45	65/F/D/X/T Asphalt	381900.52N 0482545.84E GUND +34FT	THR 4316 FT
Slope of RWY - SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.06 %	230 x 45	230 x 150	NIL	NIL	NIL
0.06 %	361 x 45	361 x 150	NIL	NIL	NIL
0.03 %	NIL	100 x 150	NIL	NIL	NIL
0.03 %	100 x 45	100 x 150	NIL	NIL	NIL

OITL AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
15	3298	3528	3528	3298	NIL
33	3298	3659	3659	3298	NIL
07	2500	2600	2500	2500	NIL
25	2500	2600	2600	2500	NIL

OITL 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>
<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>
15	PALS (CAT II) 813M LIH	Green Supplemented by WBAR	PAPI Left /3.2° (62 FT)	900M	3298 M 30 M White & Red LIH	3298 M 60 M White, LIH	Red	361 M Red	ALS Supplemented By SFLS
33	PALS (CAT I) 900 M LIH	Green Supplemented by WBAR	PAPI Left /3.5° (68 FT)	NIL	3298 M 30 M White & Red LIH	3298 M 60 M White, LIH	Red	362 M Red	NIL
07	SALS 420M LIH	Green Supplemented by WBAR	PAPI Left /3.7° (53 FT)	NIL	NIL	2500 M 60 M White, LIH	Red	NIL	NIL
25	NIL	Green Supplemented by WBAR	NIL	NIL	NIL	2500 M 60 M White, LIH	Red	100 M Red	NIL

OITL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN location, characteristics and hours of operation</i>	On top of the Aerodrome control tower, FLG G and W, 26 flashes per minute 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> → <i>Stop bars</i>	Edge: TWY A Centre line: TWY A Stop bars: TWY A
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lightings at AD Switch-over time: 10 - 12 sec
5	<i>Remarks</i>	NIL

OITL AD 2.16 HELICOPTER LANDING AREA

NIL

OITL AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Ardabil CTR: A circle, radius 25.0 NM centred at 381856.5N 0482605.1E (ARB VOR/DME) FM point 381806N 0485740E Clockwise to point 383436N 0480220E (ITUPA), then join by a direct line to the point of origin.	Ardabil ATZ: A circle, radius 7 NM centered at 381936N 0482527E (ARP)
2	<i>Vertical limits</i>	FL 205	8000 FT AMSL
3	<i>Airspace classification</i>	D	
4	<i>ATS unit call sign Language(s)</i>	Ardabil TWR English / Persian	
5	<i>Transition altitude</i>	11500 FT AMSL	
6	<i>Remarks</i>	NIL	

OITL 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	Ardabil Tower	118.150 MHZ 121.900 MHZ 121.500 MHZ	0400-1400 (0300-1500) 0400-1400 (0300-1500) 0400-1400 (0300-1500)	Emergency frequency
ATIS (INFO)	Ardabil Information	126.650 MHZ	0400-1400 (0300-1500)	

OITL 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	ARB	355 KHZ	H24	381950.2N 0482454.4E												
VOR/DME (5.5° E / 2016)	ARB	115.700 MHZ CH 104X	H24	381856.5N 0482605.1E	4307 FT											
LOC 33 ILS CAT I (5.5° E / 2016)	IARB	109.900 MHZ	H24	382030.5N 0482444.2E		Remote indicator available for ILS										
ILS GP RWY 33		333.800 MHZ	H24	381852.4N 0482550.7E		3.5°, RDH 62 FT										
ILS DME RWY 33	IARB	CH 36X	H24	381852.4N 0482550.7E	4299 FT											
LOC 15 ILS CAT I (5.5° E / 2016)	IARD	110.300 MHZ	H24	381835.0N 0482609.2E												
ILS GP RWY 15		335.000 MHZ	H24	382011.7N 0482503.7E		→ 3.2°, RDH 56 FT										
ILS DME RWY 15	IARD	CH 40X	H24	382011.7N 0482503.7E												
<p>VOR/DME unusable in the FLW area counter clockwise direction:</p> <table border="0"> <tr> <td>1- 070° - 060° beyond 20 NM.</td> <td>2- 060° - 355° beyond 11 NM.</td> </tr> <tr> <td>3- 355° - 330° beyond 18 NM.</td> <td>4- 330° - 320° beyond 30 NM.</td> </tr> <tr> <td>5- 320° - 280° beyond 20 NM, BLW 13000 FT AMSL.</td> <td>6- 280° - 240° beyond 20 NM, BLW 17000 FT AMSL.</td> </tr> <tr> <td>7- 240° - 180° beyond 25 NM, BLW 12000 FT AMSL.</td> <td>8- 180° - 140° beyond 20 NM, BLW 15000 FT AMSL.</td> </tr> <tr> <td>9- 140° - 070° beyond 20 NM, BLW 13000 FT AMSL.</td> <td></td> </tr> </table>							1- 070° - 060° beyond 20 NM.	2- 060° - 355° beyond 11 NM.	3- 355° - 330° beyond 18 NM.	4- 330° - 320° beyond 30 NM.	5- 320° - 280° beyond 20 NM, BLW 13000 FT AMSL.	6- 280° - 240° beyond 20 NM, BLW 17000 FT AMSL.	7- 240° - 180° beyond 25 NM, BLW 12000 FT AMSL.	8- 180° - 140° beyond 20 NM, BLW 15000 FT AMSL.	9- 140° - 070° beyond 20 NM, BLW 13000 FT AMSL.	
1- 070° - 060° beyond 20 NM.	2- 060° - 355° beyond 11 NM.															
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9- 140° - 070° beyond 20 NM, BLW 13000 FT AMSL.																

OITL AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

OITL AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OITL AD 2.22 FLIGHT PROCEDURES

Traffic pattern is defined as below:

- a. For fighter and heavy fix wing ACFT 5900 feet.
- b. For other fix wing ACFT 5400 feet and
- c. For helicopter 4900 feet.

Note: see AD 1.1.

OITL AD 2.23 ADDITIONAL INFORMATION

- 1- Strolling dogs exist on the movement area.
- 2- Intensive birds' accumulation exist in the vicinity of AD, particularly in winter period.
- 3- Anti-icing & De-icing area located at Parking position.
- 4- Intersection of RWY 33 and RWY 25 is bumpy.

OITL AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart - ICAO	AD 2 OITL ADC
Standard Departure Chart - Instrument - ICAO	AD 2 OITL SID 1-1
	AD 2 OITL SID 1-2
	AD 2 OITL SID 1-3
	AD 2 OITL SID 1-4
	AD 2 OITL SID 1-5
	AD 2 OITL SID 2-1
	AD 2 OITL SID 2-2
Standard Arrival Chart - Instrument - ICAO	AD 2 OITL STAR 1-1
	AD 2 OITL STAR 1-2
	AD 2 OITL STAR 1-3
	AD 2 OITL STAR 1-4
	AD 2 OITL STAR 1-5
	AD 2 OITL STAR 2-1
Instrument Approach Chart - ICAO	AD 2 OITL IAC 1-1
	AD 2 OITL IAC 1-2
	AD 2 OITL IAC 1-3
	AD 2 OITL IAC 2-1
	AD 2 OITL IAC 2-2
	AD 2 OITL IAC 2-3
	AD 2 OITL IAC 2-4
	AD 2 OITL IAC 2-5
	AD 2 OITL IAC 4-1
	AD 2 OITL IAC 4-2
	AD 2 OITL IAC 4-3