

AD 2. AERODROMES**OIYY AD 2.1 AERODROME LOCATION INDICATOR AND NAME****OIYY - YAZD / SHAHID SADOOGHI International****OIYY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	315422N 0541635E
2	<i>Direction and distance from (city)</i>	W, 5.3 NM from Yazd
3	<i>Elevation / Reference temperature</i>	4054 FT / 39°C
4	<i>MAG VAR / Annual change</i>	3° E (2016) / Information not available
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iran Airports & Air Navigation Company (IAC) Yazd / Shahid Sadooghi Airport Postal code: 8917391654 Yazd - Islamic Republic of Iran Tel: +9835-31010 Telefax: +9835-31018888 Telex: NIL AFS: OIYYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	Email: yazd@airport.ir

OIYY AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	0330 – 1130
2	<i>Customs and immigration</i>	H24
3	<i>Health and sanitation</i>	O/R
4	<i>AIS Briefing Office</i>	NIL
5	<i>ATS Reporting Office (ARO)</i>	H24 (available by ATS)
6	<i>MET Briefing Office</i>	NIL
7	<i>ATS</i>	H24
8	<i>Fuelling</i>	H24
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>	NIL

OIYY AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo - handling facilities</i>	Available by Iran air company
2	<i>Fuel / oil types</i>	Jet A1
3	<i>Fuelling facilities/capacity</i>	Jet A1: 2 trucks, 45000 liters, 2000 liters/min and 20000 liters, 1000 liters/ min, No limitation
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>	Refueling unit Tel: +9835-37218833

OIYY AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Available in the city
2	<i>Restaurants</i>	Available in the city and coffee shop at AD
3	<i>Transportation</i>	Taxis and buses
4	<i>Medical facilities</i>	Hospital in the city, First aids at A/D
5	<i>Bank and Post Office</i>	Only bank is available
6	<i>Tourist Office</i>	Available in the city & AD
7	<i>Remarks</i>	NIL

OIYY 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>	Coordinator for removal of disabled Aircraft: Aeronautical Operation Deputy Tell: +9835-37227760 & +9835-31018000 Email: yazd@airport.ir Max capability: MD83
4	<i>Remarks</i>	CAT 9 available for those non- scheduled flights which get prior permission at least 72 hours before EOBT from Yazd AD

OIYY AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	One blade fitted into truck
2	<i>Clearance priorities</i>	1- Access road 2- RWY 3-TWY A 4-Apron Stand NR 106 and 107 5-TWY B & C 6-Apron
3	<i>Remarks</i>	Information not available

OIYY AD 2.8 APRONS, TAXIWAYS

1	<i>Apron surface and strength</i>	Apron1: Concrete, PCN 69/R/B/W/T Apron2: Asphalt, PCN 60/F/B/X/T
2	<i>Taxiway width, surface and strength</i>	TWY A: 30M, Concrete, PCN 69/R/B/W/T TWY B, C: 30M, Asphalt, PCN 60/F/B/X/T
3	<i>Altimeter checkpoint location and elevation</i>	Coordinates: 315403.21N 0541706.38E Position: between Stand NR 106 and 107 Elevation: 4036.5FT (1230.34M)
→ 4	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL
→ 5	<i>INS checkpoints</i>	NIL
6	<i>Remarks</i>	Apron dimensions: Apron1: 252 x 120 Apron2: 420 x 120

**OIYY 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>	Taxiing guidance signs at all intersection with TWY and RWY and at all holding positions. Guide lines at apron Nose-in guidance at aircraft stand
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, THR, TDZ, centre line, edge & RWY end marked RWY lighting: See OIYY AD 2.14 TWY: Centre line, edge marked TWY lighting: See OIYY AD 2.15
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

OIYY 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	
13/TKOF 31/APCH	BTS Antenna 4236 FT AMSL NIL	315224N 0541831E	VOR Antenna 4076 FT AMSL Marked/LGTD	315351.6N 0541657.9E	
13/TKOF 31/APCH	BTS Antenna 4176 FT AMSL NIL	315246N 0541819E	Building 4161 FT AMSL NIL	315407N 0541355E	
→ 13/TKOF 31/APCH	GP Antenna 4048 FT AMSL Marked/LGTD	315335.9N 0541721.0E	BTS Antenna 4225 FT AMSL LGTD	315231N 0541756E	
→ 13/TKOF 31/APCH	Building (GP Shelter) 4103 FT AMSL Marked/LGTD	315336N 0541721E	Building 4214 FT AMSL NIL	315408N 0541512E	

<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	
→ 13/TKOF 31/APCH	BTS Antenna 4167 FT AMSL NIL	315257N 0541836E	← Building (LOC Shelter) 3983 FT AMSL NIL	315512N 0541531E	
			→ Building 4219 FT AMSL NIL	315258N 0541858E	
			→ BTS Antenna 4151 FT AMSL NIL	315424N 0541741E	
			→ Mast 4184 FT AMSL NIL	315317N 0541835E	
			→ BTS Antenna 4170 FT AMSL NIL	315320N 0541820E	
			→ Mast 4271 FT AMSL NIL	315215N 0541746E	
			→ Building 4256 FT AMSL NIL	315213N 0541737E	
			→ Building 4176 FT AMSL NIL	315250N 0541639E	
			→ Building 4178 FT AMSL NIL	315355N 0541522E	
			→ BTS Antenna 4193 FT AMSL LGTD	315347N 0541514E	
			→ Building 4140 FT AMSL NIL	315401N 0541453E	
			→ Mast 4190 FT AMSL NIL	315222N 0541704E	

OIYY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	Yazd
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>	Tehran MET office Intervals of 6 HR with 15 HR validity
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	Trend Interval of 1 HR between 0300 until 1400 UTC
5	<i>Briefing/consultation provided</i>	In person and by telephone: +9835-37217672, 37219797
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>	Special report document for changes in horizontal visibility, wind, phenomena and clouds according to ICAO Standards
8	<i>Supplementary equipment available for providing information</i>	Two electric anemometers and RVR Site on RWY
9	<i>ATS units provided with information</i>	Yazd TWR
10	<i>Additional information (limitation of service, etc.)</i>	NIL

OIYY AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations NR</i>	<i>RWY 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
13	132.99°GEO	4100 x 45	60/F/B/X/T Asphalt	315503.01N 0541538.37E GUND -10 FT	THR 3984 FT
31	313.01°GEO	4100 x 45	60/F/B/X/T Asphalt	315332.24N 0541732.47E GUND -10 FT	THR 4054 FT
<i>Slope of RWY - SWY</i>	<i>SWY dimensions (M)</i>	<i>CWY dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>RESA</i>	<i>OFZ</i>
7	8	9	10	11	12
0.5 %	201 x 45	201 x 150	300 x 4820	NIL	NIL
0.5 %	201 x 45	201 x 150	300 x 4820	NIL	NIL
<i>Remarks</i>					
13					
-AD Code Letter /Number : 4E					

OIYY 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
13	4100	4301	4301	4100	NIL
31	4100	4301	4301	4100	NIL

OIYY 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>
13	SALS 420M LIH	Green Supplemented by WBAR	PAPI Left / 3° (62 FT)	NIL	NIL	4100 M 60 M White, LIH	Red	201 M Red	NIL
31	PALS 900M LIH	Green Supplemented by WBAR	PAPI Left / 3° (62 FT)	NIL	NIL	4100 M 60 M White, LIH	Red	201 M Red	NIL

OIYY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN location, characteristics and hours of operation</i>	On top of the control tower building, FLG G and W, EV 2 sec HN and during 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 TWYs Centre line: NIL
4	<i>Secondary power supply/switch-over time</i>	Available Switch-over time: 10 - 15 sec
5	<i>Remarks</i>	NIL

OIYY AD 2.16 HELICOPTER LANDING AREA

NIL

OIYY AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Yazd CTR: A circle, radius 30 NM centred at 315351.6N 0541657.7E (VOR/DME)	Yazd ATZ: A circle radius 7 NM centred at 315422N 0541635E (ARP)
2	<i>Vertical limits</i>	FL 175	7000 FT AMSL
3	<i>Airspace classification</i>	D	
4	<i>ATS unit call sign</i> <i>Language(s)</i>	Yazd TWR English / Persian	
5	<i>Transition altitude</i>	12000 FT AMSL	
6	<i>Remarks</i>	APP Service is provided by Yazd TWR on 122.700 MHZ	

OIYY 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	Yazd Tower	122.700 MHZ 121.900 MHZ 121.500 MHZ 257.800 MHZ	H24 H24 H24 H24	APP Service For ground movements Emergency frequency Military aircraft
ATIS	Yazd Information	126.250 MHZ	H24	

OIYY 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	YZD	402 KHZ	H24	315413.3N 0541713.8E	4005 FT	IRIAF
VOR/DME (3° E / 2016)	YZD	117.700 MHZ CH 124X	H24	315351.6N 0541657.7E	4047 FT	
TACAN	YZD	CH 75X	H24	315307.2N 0541802.9E	4072 FT	
ILS/DME RWY 31	IYZD	CH 26X		315335.9N 0541721.0E		
ILS GP RWY 31	-	329.300 MHz		315335.9N 0541721.0E	4052 FT	
LOC 31 ILS CAT I (3° E / 2016)	IYZD	108.900 MHz		315510.3N 541529.2E		

TACAN unusable in FLW area beyond 25 NM:

1- 030°- 080°, BLW FL 160.

2- 150°- 250°, BLW FL 220

VOR/DME unusable in the following area clockwise direction:

a- At 20 DME ARC:

1- 010°- 020°, BLW 7000 FT AMSL.

2- 020°- 030°, BLW 9000 FT AMSL.

3- 030°- 050°, BLW 11000 FT AMSL.

4- 050°- 070°, BLW 9000 FT AMSL.

5- 070°- 090°, BLW 7000 FT AMSL.

6- 090°- 140°, BLW 6000 FT AMSL.

4- 060°- 080°, BLW 12000 FT AMSL.

5- 080°- 110°, BLW 10000 FT AMSL.

6- 110°- 140°, BLW 11000 FT AMSL.

7- 140°- 150°, BLW 13000 FT AMSL.

8- 150°- 160°, BLW 15000 FT AMSL.

9- 160°- 180°, BLW 16000 FT AMSL.

10- 180°- 230°, BLW 17000 FT AMSL.

11- 230°- 250°, BLW 16000 FT AMSL.

12- 250°- 270°, BLW 14000 FT AMSL.

13- 270°- 280°, BLW 10000 FT AMSL.

14- 280°- 310°, BLW 9000 FT AMSL.

15- 310°- 350°, BLW 7000 FT AMSL.

16- 350°- 360°, BLW 8000 FT AMSL.

ILS: Inner coverage (17NM) of LOC restricted to (+35, -20) due to mountain in clearance area.

OIYY AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Helicopters flying over Yazd city shall maintain 2500 FT AGL or above.
2. Fuel dumping area is located on area with following specifications:
 between radial 360 and 030, 15 to 30 DME from YZD VOR/DME with following coordinates:
 322352N 0541455E, 321855N 0543628E, 320624N 0542641E and 320852N 0541556E.

OIYY AD 2.21 NOISE ABATEMENT PROCEDURES

1. For noise abatement, if condition permit, RWY 13 may be used for arrivals and RWY 31 may be used for departures due to residential area on final RWY31.
- 2.

OIYY AD 2.22 FLIGHT PROCEDURES

1. Traffic pattern is defined as below:
 - a. For fighter and heavy fixed wing ACFT 5600 feet,
 - b. For other fixed wing ACFT 5100 feet and
 - c. For helicopter 4600 feet.

Note: see AD 1.1.

2. Landing and departing in opposite direction of RWY- in -use is not authorized due to safety consideration, except for aircraft in emergency situation if so, requested by the pilot of ACFT encountering emergency condition.
3. All arriving aircraft to Apron shall contact Apron management unit at TWY entrance, according to the following table:

Service Designation	APRON MANAGEMENT
Call sign	MARSHALLER
Frequency	121.900 MHZ
Hours of operation	H24
Remarks	In case, aircraft stand not available, Aircraft shall hold on TAXIWAY D

OIYY AD 2.23 ADDITIONAL INFORMATION

- 1- Strolling dogs exist on the movement area.
- 2- Heavy and medium aircraft are permitted to make 180° turn only at the end of RWY in use.
- 3- Isolated aircraft parking position is located between TWY B and TWY C.
- 4- Keeping and storing of dangerous goods are done at holding bay number 6 at right side of RWY 31(P6).
- 5-Taxi out and stand evacuation:
 - By assigning stand NR 101 to the B747-400 airplane, TWY "C" will be closed.
 - B747-400 enters via TWY "C" and exits via TWY "B".
 - B747 airplane must be leaded in entrance/exit through the path into stand NR 101 by Marshaller.

OIYY AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart – ICAO-----	AD 2 OIYY ADC
Aerodrome Obstacle Chart - ICAO Type A-----	AD 2 OIYY AOC 1
Standard Departure Chart - Instrument – ICAO-----	AD 2 OIYY SID 1-1
	AD 2 OIYY SID 1-2
	AD 2 OIYY SID 1-3
	AD 2 OIYY SID 1-4
	AD 2 OIYY SID 2-1
	AD 2 OIYY SID 2-2
	AD 2 OIYY SID 2-3
	AD 2 OIYY SID 2-4
Standard Arrival Chart - Instrument – ICAO -----	AD 2 OIYY STAR 1-1
	AD 2 OIYY STAR 1-2
	AD 2 OIYY STAR 1-3

	AD 2 OIYY STAR 1-4
	AD 2 OIYY STAR 2-1
	AD 2 OIYY STAR 2-2
	AD 2 OIYY STAR 2-3
Instrument Approach Chart – ICAO-----	AD 2 OIYY IAC 1-1
	AD 2 OIYY IAC 2-1
	AD 2 OIYY IAC 2-2
	AD 2 OIYY IAC 2-3
	AD 2 OIYY IAC 2-4
	AD 2 OIYY IAC 2-5
	AD 2 OIYY IAC 2-6
	AD 2 OIYY IAC 2-7
	AD 2 OIYY IAC 4-1