

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: 89471-73789 Yazd - Islamic Republic of Iran Tel: +9835-37218082-4, 37217775 Telefax: +9835-37218474 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 - JP4 |
| 3 | <i>Fuelling facilities/capacity</i> | Jet A1: 2 trucks, 42000 liters, 65 liters/sec and 20000 liters, 35 liters/ sec, No limitation JP4: provided in 18 liters barrel |
| 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> | Refueling unit Tel: +9835-37218833 |

OIYY AD 2.5 PASSENGER FACILITIES

| | | |
|---|-----------------------------|-----------------------------------------|
| 1 | <i>Hotels</i> | Available in the city |
| 2 | <i>Restaurants</i> | Available at AD and in the city |
| 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> | NIL |
| 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> | Information not available |
| 3 | <i>Remarks</i> | Information not available |

OIYY AD 2.8 APRONS, TAXIWAYS

| | | |
|---|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Apron surface and strength</i> | Surface: Apron1: Concrete Apron2: Asphalt Strength : Apron1: PCN69/R/B/W/T Apron2: PCN60/F/B/X/T |
| 2 | <i>Taxiway width, surface and strength</i> | Width : 30M Surface :TWY A: Concrete, TWY B,C: Asphalt Strength : TWY A: PCN69/R/B/W/T TWY B,C: PCN60/F/B/X/T |
| 3 | <i>Altimeter checkpoint location and elevation</i> | Coordinates: 315403.21N 0541706.38 E Position: between Stand NR 6 and 7 Elevation: 4036.5FT (1230.34M) |
| 4 | <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> | Taxing 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 | | |
| <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 - | 315224 N 0541831 E | Building (GP Shelter) 4060 FT AMSL - GP ANTENNA 4078 FT AMSL - VOR Antenna 4076 FT AMSL - | 315336 N 0541721 E 315335.9N 0541721.0E 315351.6 N 0541657.9 E | |

| In approach / TKOF areas | | | In circling area and at AD | | Remarks |
|--------------------------|-------------------------------------------------|-------------|--------------------------------------------------|---------------------|---------|
| 1 | | | 2 | | 3 |
| RWY/Area affected | Obstacle type Elevation/ HGT Markings/LGT | Coordinates | Obstacle type Elevation / HGT Markings/LGT | Coordinates | |
| a | b | c | a | b | |
| | | | BTS Antenna 4229 FT AMSL - | 315231N 0541756E | |
| | | | Building 4203 FT AMSL - | 315408N 0541512E | |
| | | | Building (LOC Shelter) 3983 FT AMSL - | 315512N 0541531E | |
| | | | Building 4206 FT AMSL - | 315259N 0541857E | |

OIYY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

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

OIYY AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations NR | RWY TRUE BRG | Dimensions of RWY (M) | Strength(PCN) and surface of RWY and SWY | THR coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------------------|--------------------------|-----------------------------|------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------|
| 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 |
| Slope of RWY - SWY | SWY dimensions (M) | CWY dimensions (M) | Strip dimensions (M) | RESA | OFZ |
| 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 | | NIL | NIL |
| Remarks | | | | | |
| 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> |
|-----------------------|--------------------------------|----------------------------------|------------------------------|--------------------|-------------------------------------------------------|------------------------------------------------|--------------------------------|---------------------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 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 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 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 (INFO) | Yazd Information | 126.250 MHZ | 0200-2000 | |

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 | |
| 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 | * IRIAF |
| 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.

b- At 40 DME ARC:

- 1- 360°- 030°, BLW 11000 FT AMSL.
- 2- 030°- 040°, BLW 12000 FT AMSL.
- 3- 040°- 060°, BLW 13000 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.

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.

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 located at holding bay number 3 at right side of RWY 31(P3).
- 4- Keeping and storing of dangerous goods are done at holding bay number 6 at right side of RWY 31(P6).

OIYY AD 2.24 CHARTS RELATED TO AN AERODROME

| | |
|----------------------------------------------------|--------------------|
| Aerodrome Chart – ICAO ----- | AD 2 OIYY ADC |
| Parking / Docking Chart – ICAO ----- | AD 2 OIYY PDC |
| 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 3-1
AD 2 OIYY IAC 3-2
AD 2 OIYY IAC 3-3
AD 2 OIYY IAC 4-1