

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

OIHH - HAMADAN / Secondary International Aerodrome

OIHH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | <i>ARP coordinates and site at AD</i> | 345210N 0483302E |
| 2 | <i>Direction and distance from (city)</i> | NE, 4.5 NM from Hamadan |
| 3 | <i>Elevation / Reference temperature</i> | 5771 FT / 34.3°C |
| 4 | <i>MAG VAR / Annual change</i> | 5° E (2017) |
| 5 | <i>AD Administration, address, telephone, telefax, telex, AFS</i> | Iranian Airports & Air Navigation Company (IAC) Hamadan Airport Postal code: 65139, PO.Box: 137 Hamadan, Islamic Republic of Iran Tel: +9881 32569011-3, +9881 32569009 Fax: +9881 32569004 Telex: NIL AFS: OIHHYDYX |
| 6 | <i>Types of traffic permitted (IFR/VFR)</i> | IFR/VFR |
| 7 | <i>Remarks</i> | NIL |

OIHH AD 2.3 OPERATIONAL HOURS

| | | |
|----|-----------------------------------|--|
| 1 | <i>AD Administration</i> | 0400-1100 (0300-1000) |
| 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> | 0400 - Sunset |
| 9 | <i>Handling</i> | Available during main carrier schedule flights |
| 10 | <i>Security</i> | H24 |
| 11 | <i>De-icing</i> | Not available |
| 12 | <i>Remarks</i> | PPR at least 72 HR before EOBT from OIHH AD |

OIHH AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--|
| 1 | <i>Cargo - handling facilities</i> | NIL |
| 2 | <i>Fuel / oil types</i> | JET A1 |
| 3 | <i>Fuelling facilities/capacity</i> | 1 truck, 8000 litres, 6 litres/sec 1 truck, 13000 litres, 18 litres/sec 1 truck, 18000 litres, 33 litres/sec |
| 4 | <i>De - icing facilities</i> | Not available |
| 5 | <i>Hanger space for visiting aircraft</i> | NIL |
| 6 | <i>Repaire facilities for visiting aircraft</i> | NIL |
| 7 | <i>Remarks</i> | NIL |

OIHH 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> | Hospital in the city |
| 5 | <i>Bank and Post Office</i> | Available in the city |
| 6 | <i>Tourist Office</i> | Available in the city |
| 7 | <i>Remarks</i> | NIL |

OIHH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|--|--|
| 1 | <i>AD category for fire fighting</i> | CAT 5 |
| 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 6 for scheduled flights and those non-scheduled flights which get permission before EOBT from Hamadan AD. CAT 7 during Hadj (Umrah) flights |

OIHH AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|------------------------------------|--|
| 1 | <i>Types of clearing equipment</i> | 1 snow blower, 2 blades fitted into trucks and 1 urea spreader |
| 2 | <i>Clearance priorities</i> | 1- RWY 10/28 2- TWY 3- Apron |
| 3 | <i>Remarks</i> | NIL |

OIHH AD 2.8 APRONS, TAXIWAYS

| | | |
|---|--|---|
| 1 | <i>Apron surface and strength</i> | Surface: Asphalt Strength: PCN: 58/F/C/X/T |
| 2 | <i>Taxiway width, surface and strength</i> | Width: 25 M Surface: Asphalt Strength: 58/F/C/X/T |
| 3 | <i>Remarks</i> | Apron dimension: 300 x 130 M |

**OIHH 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: Designation, THR, TDZ, centre line, edge and RWY end marked. RWY lighting: See OIHH AD2.14 TWY: Edge marked. TWY lighting: See OIHH AD2.15 |
| 3 | <i>Stop bars</i> | NIL |
| 4 | <i>Remarks</i> | NIL |

OIHH 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 | |
| 10/ APCH 28/ TKOF | Wall 5711 FT AMSL | 345217N 0483213E | TV Antenna (Olia) 6834 FT AMSL | 345736N 0483934E | |
| 10/ APCH 28/ TKOF | Mobile Object (Car) 5719 FT AMSL | 345218N 0483212E | NDB antenna 5722 FT AMSL LGTD | 345150.2N 0483245.6E | |
| | | | TV Antenna (Baraband) 8396 FT AMSL | 344518N 0484915E | |
| | | | AD Control Tower 5889 FT AMSL LGTD | 345159 N 0483232 E | |
| | | | Hill and Wall 5832 FT AMSL NIL | 345136 N 0483447 E | |
| | | | Hill and Wall 5806 FT AMSL NIL | 345149 N 0483452E | |

OIHH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|---|--|-------------|
| 1 | <i>Associated MET Office</i> | Hamadan |
| 2 | <i>Hours of service MET Office outside hours</i> | H24 -- |
| 9 | <i>ATS units provided with information</i> | Hamadan TWR |

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

OIHH 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 |
| 10 | 104.88°GEO | 3799 x 45 | 62/F/C/X/T Asphalt | 345215.86N 0483221.35E GUND +33 FT | THR 5703 FT |
| 28 | 284.90°GEO | 3799 x 45 | 62/F/C/X/T Asphalt | 345144.18N 0483445.91E GUND +33 FT | THR 5771 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 |
| 0.54 % | 97 x 45 | 97 x 150 | NIL | NIL | -THR RWY10 displaced 300 M, ELEV: 5705 FT Coordinates: 345213.36N 0483232.75E -AD Code Letter / Number : 4D |
| 0.54 % | 54 x 45 | 54 x 150 | NIL | NIL | |
| AD ELEV 5769 | | | | | |
| | | | | | |

OIHH 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 |
| 10 | 3799 | 3896 | 3896 | 3499 | NIL |
| 28 | 3799 | 3853 | 3853 | 3799 | NIL |

OIHH AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | THR LGT colour WBAR | VASIS (MEHT) PAPI | TDZ LGT LEN | RWY Centre Line LGT LEN, spacing, colour INTST | RWY edge LGT LEN, spacing colour, INTST | RWY End LGT colour WBAR | SWY LGT LEN colour | Remakes |
|----------------|---|----------------------------------|-----------------------------------|-------------|--|---|-------------------------|--------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 10 | SALS 420M 60M LIH | Green Supplemented by WBAR | PAPI 3.42° (16 M / 52.50FT) | NIL | NIL | 3845 M 60 M White, LIH | Red | 97 M Red | NIL |
| 28 | SALS Barrette 240M 30 M LIH | Green | PAPI 3.42° (16 M / 52.50FT) | NIL | NIL | 3845 M 60 M White, LIH | Red | 54M RED | NIL |

OIHH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT Anemometer location and LGT | NIL |
| 3 | TWY edge and centre line lighting | EDGE : ALL TWYs Centre line : NIL |
| 4 | Secondary power supply/switch-over time | Available Switch-over time: 10 - 15 sec |
| 5 | Remarks | NIL |

OIHH AD 2.16 HELICOPTER LANDING AREA

NIL

OIHH AD 2.17 ATS AIRSPACE

| | | |
|---|-----------------------------------|---|
| 1 | Designation and lateral limits | Hamadan ATZ: A circle, radius 7 NM centered at 345210N 0483302E (ARP) |
| 2 | Vertical limits | 7000 FT AMSL |
| 3 | Airspace classification | D |
| 4 | ATS unit call sign Language(s) | Hamadan TWR English / Persian |
| 5 | Transition altitude | 13000 FT AMSL |
| 6 | Remarks | NIL |

OIHH 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 | Hamadan Tower | 123.500 MHZ 121.900 MHZ 121.500 MHZ | HS | For ground movements Emergency FREQ |

OIHH 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 | HAM | 317 KHZ | H24 | 345150.2N 0483245.6E | | |
| VOR/DME (5° E/2017) | HAM | 117.900 MHZ CH 126X | H24 | 345200.8N 0483301.0E | 5717 FT | |

VOR/DME unusable in counter clockwise direction in the FLW area:

| | |
|---------------------------------|---------------------------------|
| 1- Beyond 30 NM: | - Beyond 40 NM: |
| - 270°- 250° BLW 14000 FT AMSL. | - 360°- 290° BLW 10500 FT AMSL |
| - 250°- 240° BLW 17000 FT AMSL. | - 290°- 270° BLW 11000 FT AMSL |
| - 240°- 210° BLW 19000 FT AMSL | - 110°- 100° BLW 10500 FT AMSL |
| - 210°- 150° BLW 16000 FT AMSL | - 100°- 070° BLW 11000 FT AMSL |
| - 150°- 130° BLW 15000 FT AMSL | - 070°- 060° BLW 11500 FT AMSL |
| - 130°- 110° BLW 13000 FT AMSL. | - 060°- 360° BLW 12000 FT AMSL. |

OIHH AD 2.20 LOCAL TRAFFIC REGULATIONS

1- All aircraft intending to land or over fly aerodrome are required to contact TWR for position report before 25 NM.

OIHH AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OIHH AD 2.22 FLIGHT PROCEDURES

Traffic pattern is defined as below:

- a. For fighter and heavy fixed-wing ACFT 7300 feet,
- b. For other fixed-wing ACFT 6800 feet and
- c. For helicopter 6300 feet.

Note: see AD 1.1.

OIHH AD 2.23 ADDITIONAL INFORMATION

- 1- Strolling dogs exist on the movement area.
- 2- The vehicle with MAX HGT 17 FT operating on the road, 508 M behind displaced THR RWY 10.
- 3- Two hills exist with following specifications:

First one PSN: 500M after THR RWY 28, on the left side, 60M from CL, HGT 10FT.

Second one PSN: 1050M after THR RWY 28, on the right side, 60M from CL, HGT 14FT.

→ 4-Hot spot:

- Hot spot 1: Caution vehicle movement.
- Hot spot 2: Ultra light ACFT taxiing have to maintain a good look out at all times due to helicopter operation and vehicles movement.
- Hot spot 3: All ultra light ACFT, helicopters and vehicles shall hold short of RWY 10.

OIHH AD 2.24 CHARTS RELATED TO AN AERODROME

| | |
|--|---|
| Aerodrome Chart – ICAO | AD 2 OIHH ADC |
| Standard Departure Chart - Instrument - ICAO | AD 2 OIHH SID 1-1 AD 2 OIHH SID 1-2 |
| Arrival Chart - Instrument - ICAO | AD 2 OIHH STAR 1-1 AD 2 OIHH STAR 1-2 AD 2 OIHH STAR 2-1 |
| Instrument Approach Chart – ICAO | AD 2 OIHH IAC 2-1 AD 2 OIHH IAC 2-2 AD 2 OIHH IAC 4-1 AD 2 OIHH IAC 4-2 AD 2 OIHH IAC 4-3 |