

**AD 2. AERODROMES****OICC AD 2.1 AERODROME LOCATION INDICATOR AND NAME****OICC - KERMANSHAH / SHAHID ASHRAFI ESFAHANI / Secondary International Aerodrome****OICC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

|   |   |  |
|---|---|--|
| 1 | <i>ARP coordinates and site at AD</i>                             | 342053N 0470924E   |
| 2 | <i>Direction and distance from (city)</i>                         | NE, 2.5 NM from Kermanshah   |
| 3 | <i>Elevation / Reference temperature</i>                          | 4301 FT / 38° C  |
| 4 | <i>MAG VAR / Annual change</i>                                    | 3°30' E (1997) / Information not available   |
| 5 | <i>AD Administration, address, telephone, telefax, telex, AFS</i> | Iran Airports & Air Navigation Company (IAC)<br>Shahid Ashrafi Esfahani Airport<br>Postal code: 6744131815<br>Kermanshah - Islamic Republic of Iran<br>Tel: +9883 – 34326611<br>Telefax: +9883 - 34329999<br>Telex: NIL<br>AFS: OICCYDYX |
| 6 | <i>Types of traffic permitted (IFR/VFR)</i>                       | IFR/VFR  |
| 7 | <i>Remarks</i>  | NIL  |

**OICC AD 2.3 OPERATIONAL HOURS**

|    |                                   |                          |
|----|-----------------------------------|--------------------------|
| 1  | <i>AD Administration</i>          | 0330 - 1200              |
| 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>                        | H24                      |
| 8  | <i>Fuelling</i>                   | H24                      |
| 9  | <i>Handling</i>                   | O/R                      |
| 10 | <i>Security</i>                   | H24                      |
| 11 | <i>De-icing</i>                   | O/R                      |
| 12 | <i>Remarks</i>                    | NIL                      |

**OICC AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |  |  |
|---|--|--|
| 1 | <i>Cargo - handling facilities</i>             | Available by main carrier & HSB. Airport Services Co.                                |
| 2 | <i>Fuel / oil types</i>                        | Jet A1   |
| 3 | <i>Fuelling facilities/capacity</i>            | 3 trucks, 60000 liters, No limitation.   |
| 4 | <i>De-icing facilities</i>                     | Available by main carrier, it will be done on apron at stand S5                      |
| 5 | <i>Hanger space for visiting aircraft</i>      | NIL  |
| 6 | <i>Repair facilities for visiting aircraft</i> | NIL  |
| 7 | <i>Remarks</i>                                 | Fuel for non-schedule flights which are operated individually available only in cash |

**OICC 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                                  |
| 4 | <i>Medical facilities</i>   | Hospital in the city, first aids at AD |
| 5 | <i>Bank and Post Office</i> | Bank at AD & post office in the city   |
| 6 | <i>Tourist Office</i>       | Available in the city                  |
| 7 | <i>Remarks</i>              | NIL                                    |

**OICC 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 firefighting. |
| 3 | <i>Capability for removal of disabled aircraft</i> | NIL  |
| 4 | <i>Remarks</i>                                     | NIL  |

**OICC AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                                    |   |
|---|------------------------------------|---|
| 1 | <i>Types of clearing equipment</i> | 1 Blower, 2 Blades and 1 Urea Spreader  |
| 2 | <i>Clearance priorities</i>        | 1- RWY<br>2- TWY<br>3- Apron            |
| 3 | <i>Remarks</i>                     | For de-icing details, see AD 2.4 above. |

**OICC AD 2.8 APRONS, TAXIWAYS**

|   |  |  |
|---|--|--|
| 1 | <i>Apron surface and strength</i>          | Surface: Asphalt<br>Strength: Information not available  |
| 2 | <i>Taxiway width, surface and strength</i> | Width: All TWY 23 M<br>Surface: Asphalt<br>Strength: Parallel TWY PCN 84/F/C/X/T, for other TWY<br>Information not available |
| 3 | <i>Remarks</i>                             | NIL  |

**OICC 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 & RWY end marked. THR, edge & RWY end lighted.<br>TWY: Centre line, holding position at all TWY/RWY intersections marked. TWY Edge lighted. |
| 3 | <i>Stop bars</i>  | NIL   |
| 4 | <i>Remarks</i>  | NIL   |

**OICC 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<br/>Elevation/ HGT<br/>Markings/LGT</i> | <i>Coordinates</i>             | <i>Obstacle type<br/>Elevation / HGT<br/>Markings/LGT</i> | <i>Coordinates</i>                |                |
| a                               | b  | c                              | a   | b                                 |                |
| 29 / TKOF<br>11 / APCH          | Mast<br>171 FT AGL<br>LGTD                               | 10826 FT west of<br>THR RWY 11 | Antenna<br>99 FT AGL<br>LGTD                              | 580 M NE of<br>THR RWY 11         |                |
| 29 / TKOF<br>11 / APCH          | Antenna<br>79 FT AGL<br>LGTD                             | 342124N<br>0470744E            | Mast<br>99 FT AGL<br>LGTD                                 | 1952 FT north of<br>middle of RWY |                |
| 29 / APCH<br>11 / TKOF          | ILS near field antenna<br>10 FT AGL<br>LGTD              | 342107N<br>0470831E            | Building<br>86 FT AGL<br>NIL                              | 1600 M NE of<br>THR RWY 11        |                |
| 29 / APCH<br>11 / TKOF          | GP near field antenna<br>18 FT AGL<br>LGTD               | 342027N<br>0471024E            | Two floodlighting<br>100 FT AGL<br>NIL                    | North side of<br>apron            |                |
| 11 / APCH<br>29 / TKOF          | LLZ antenna<br>10 FT AGL<br>LGTD                         | 342110N<br>0470827E            | TWR Building<br>100 FT AGL<br>LGTD                        | 342057N<br>0470926E               |                |
|                                 |  |                                | NDB antenna<br>83 FT AGL<br>LGTD                          | 342121.3N<br>0470834.0E           |                |
|                                 |  |                                | DVOR/DME Site<br>10 FT AGL<br>LGTD                        | 342023.0N<br>0471008.9E           |                |
|                                 |  |                                | LLZ antenna shelter<br>9 FT AGL<br>NIL                    | 342114.1N<br>0470822.1E           |                |

**OICC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

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

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

**OICC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| <i>Designations<br/>RWY NR</i> | <i>TRUE BRG</i>                   | <i>Dimensions of<br/>RWY (M)</i>  | <i>Strength (PCN)<br/>and surface of<br/>RWY and SWY</i> | <i>THR<br/>coordinates<br/>THR geoid<br/>undulation</i> | <i>THR elevation and<br/>highest elevation of<br/>TDZ of precision APP<br/>RWY</i> |
|--------------------------------|-----------------------------------|-----------------------------------|--|---|--|
| 1                              | 2                                 | 3                                 | 4  | 5   | 6  |
| 11                             | 116.09°GEO                        | 3220 x 45                         | 36/F/C/X/T<br>Asphalt                                    | 342106.63N<br>0470836.17E<br>GUND 26 FT                 | 4299 FT  |
| 29                             | 296.09°GEO                        | 3220 x 45                         | 36/F/C/X/T<br>Asphalt                                    | 342020.75N<br>0471029.39E<br>GUND 26 FT                 | 4301 FT  |
| <i>Slope of<br/>RWY - SWY</i>  | <i>SWY<br/>dimensions<br/>(M)</i> | <i>CWY<br/>dimensions<br/>(M)</i> | <i>Strip dimensions<br/>(M)</i>                          | <i>OFZ</i>  | <i>Remarks</i>   |
| 7                              | 8                                 | 9                                 | 10   | 11  | 12   |
| 0.02%                          | 135 x 45                          | 135 x 150                         | NIL  | NIL   | THR RWY 11<br>displaced 240 M.<br>DTHR COORDINATE:<br>342103.22N 0470844.61E       |
| 0.02%                          | NIL                               | NIL                               | NIL  | NIL   |  |

**OICC 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              |
| 11                    | 3220            | 3355            | 3355            | 2980           | NIL            |
| 29                    | 3220            | 3220            | 3220            | 3220           | NIL            |

**OICC 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             |
| 11                    | NIL                            | Green Supplemented by WBAR | NIL                       | NIL                | NIL   | 3220 M<br>60 M<br>White, LIH                   | Red Supplemented by WBAR       | NIL                       | NIL            |
| 29                    | PALS (CAT I)<br>813M<br>LIH    | Green Supplemented by WBAR | PAPI<br>Left/ 3°<br>61 FT | NIL                | NIL   | 3220 M<br>60 M<br>White, LIH                   | RED                            | NIL                       | NIL            |

**OICC 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><br><i>Anemometer location and LGT</i> | NIL   |
| 3 | <i>TWY edge and centre line lighting</i>                          | Edge lighted  |
| 3 | <i>TWY edge and centre line lighting</i>                          | NIL   |
| 4 | <i>Secondary power supply/switch-over time</i>                    | Available<br>Switch-over time: 15 sec   |
| 5 | <i>Remarks</i>  | NIL   |

**OICC AD 2.16 HELICOPTER LANDING AREA**

NIL

**OICC AD 2.17 ATS AIRSPACE**

|   |                                       |  |  |
|---|---------------------------------------|--|--|
| 1 | <i>Designation and lateral limits</i> | Kermanshah CTR:<br>A circle , radius 30 NM centred at<br>342023.0N 0471008.9E (DVOR/DME) | Kermanshah ATZ:<br>A circle , radius 7 NM centred at<br>342053N 0470924E (ARP) |
| 2 | <i>Vertical limits</i>                | FL 195   | 8000 FT AMSL   |
| 3 | <i>Airspace classification</i>        | D  |  |
| 4 | <i>ATS unit call sign Language(s)</i> | Kermanshah TWR<br>English / Persian  |  |
| 5 | <i>Transition altitude</i>            | 13000 FT AMSL  |  |
| 6 | <i>Remarks</i>                        | APP service is provided by Kermanshah TWR on frequency 122.450 MHZ.                      |  |

**OICC 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                        | Kermanshah Tower       | 122.450 MHZ<br>121.900 MHZ<br>121.500 MHZ | H24<br>H24<br>H24         | Emergency      |
| ATIS (INFO)                | Kermanshah information | 126.800 MHZ                               | H24                       |                |

Note: Tower frequency range is only 35NM.

**OICC 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   | KMS       | 382 KHZ               | H24                       | 342121.3N<br>0470834.0E                         | 4308 FT                                      | The coverage of LOC at 17 NM is between -35° and + 30°<br><br>3° RDH 50 FT |
| DVOR/DME (3°.30' E / 1997)  | KMS       | 114.600 MHZ<br>CH 93X | H24                       | 342023.0N<br>0471008.9E                         |  |  |
| TACAN   | KSH       | CH 102X               | H24                       | 341840.0N<br>0470140.0E                         |  |  |
| LOC 29<br>ILS CAT I (3°.30' E /1997)  | IKMS      | 111.100 MHZ           | H24                       | 342110.4N<br>0470826.7E                         |  |  |
| ILS GP<br>RWY 29  |           | 331.700 MHZ           | H24                       | 342028.3N<br>0471021.4E                         |  |  |
| ILS DME<br>RWY 29   | IKMS      | CH 48X                | H24                       | 342028.3N<br>0471021.4E                         |  |  |
| DVOR unusable in the FLW area counter clockwise direction:<br>1- 320° - 310° beyond 20 NM, BLW 10000 FT AMSL.                      2- 310° - 230° beyond 25 NM, BLW 9000 FT AMSL.<br>3- 230° - 210° beyond 20 NM, BLW 10000 FT AMSL.                      4- 210° - 180° beyond 25 NM, BLW 12000 FT AMSL.<br>5- 180° - 110° beyond 30 NM, BLW 11000 FT AMSL.                      6- 110° - 070° beyond 20 NM, BLW 10000 FT AMSL. |           |                       |                           |   |  |  |

**OICC AD 2.20 LOCAL TRAFFIC REGULATIONS**

- VFR traffics should remain on left-hand pattern RWY 29.

**OICC AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**OICC AD 2.22 FLIGHT PROCEDURES**

**Traffic pattern is defined as below:**

- a. For fighter and heavy fix wing ACFT 6000 feet,
- b. For other fix wing ACFT 5500 feet and
- c. For helicopter 5000 feet.

| Note: see AD 1.1.

**OICC AD 2.23 ADDITIONAL INFORMATION**

- 1-Strolling dogs exist on the movement area.
- 2-Intensive bird's accumulation exists in the vicinity of AD.

**OICC AD 2.24 CHARTS RELATED TO AN AERODROME**

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