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	*ARP coordinates and site at AD*	342053N 0470924E
2	*Direction and distance from (city)*	NE, 2.5 NM from Kermanshah
3	*Elevation / Reference temperature*	4307 FT / 38° C
4	*MAG VAR / Annual change*	3°30′ E (1997) / Information not available
5	*AD Administration, address, telephone, telefax, telex, AFS*	Iran Airports & Air Navigation Company (IAC) Shahid Ashrafi Esfahani Airport Postal code: 6744131815 Kermanshah - Islamic Republic of Iran Tel: +9883 – 34326611 Telefax: +9883 - 34329999 Telex: NIL AFS: OICCYDYX
6	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
7	*Remarks*	NIL

OICC AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	0330 - 1200
2	*Customs and immigration*	O/R
3	*Health and sanitation*	O/R
4	*AIS Briefing Office*	NIL
5	*ATS Reporting Office (ARO)*	Service available by ATS
6	*MET Briefing Office*	NIL
7	*ATS*	H24
8	*Fuelling*	H24
9	*Handling*	O/R
10	*Security*	H24
11	*De-icing*	O/R
12	*Remarks*	NIL

OICC AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo - handling facilities*	Available by main carrier & HSB. Airport Services Company.
2	*Fuel / oil types*	Jet A1
3	*Fuelling facilities/capacity*	3 trucks, 60000 liters, No limitation.
4	*De-icing facilities*	Available by main carrier
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	Fuel for non-schedule flights which operate individually, available only in cash

OICC AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Available in the city
2	*Restaurants*	Available at AD and in the city
3	*Transportation*	Taxis
4	*Medical facilities*	Hospital in the city, First aids at AD
5	*Bank and Post Office*	Bank at AD & Post office in the city
6	*Tourist Office*	Available in the city
7	*Remarks*	NIL

OICC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	CAT 7
2	*Rescue equipment*	Available in accordance with AD category for fire fighting
3	*Capability for removal of disabled aircraft*	NIL
4	*Remarks*	NIL

OICC AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	*Types of clearing equipment*	1 Blower, 2 Blades and 1 Urea Spreader
2	*Clearance priorities*	1- RWY 2- TWY 3- Apron
3	*Remarks*	For De-icing details, See OICC AD 2.4

OICC AD 2.8 APRONS, TAXIWAYS

1	*Apron designation, surface and strength*	Surface: Concrete Strength: PCR 1050/R/C/W/T
2	*Taxiway width, surface and strength*	Width: All TWYs 23M Surface: Asphalt Strength: PCR 730/F/C/X/T
3	*Altimeter checkpoint location and elevation*	NIL
4	*VHF omnidirectional radio range (VOR) checkpoints*	NIL
5	*INS checkpoints*	NIL
6	*Remarks*	TWY B closed due to construction work. Apron Dimensions: 360 x 180 M

OICC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	*Use of aircraft stand ID signs, TWY guide lines and parking guidance system of aircraft stands*	NIL
2	*RWY and TWY markings and LGT*	RWY 29R: Designation, THR, TDZ, aiming point, Centre line, edge & RWY end marked. RWY 11L: Designation, DTHR, TDZ, aiming point, Centre line, edge & RWY end marked. RWY 29L: Designation, THR, TDZ, aiming point, Centre line, edge & RWY end marked. RWY 11R: Designation, DTHR, aiming point, Centre line, edge & RWY end marked. TWY: Centre line, edge & holding position at all TWY marked except TWY B & E. TWY Edge lighted.
3	*Stop bars*	NIL
4	*Remarks*	NIL

⇆ OICC AD 2.10 AERODROME OBSTACLES

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	
11L/R APCH 29L/R TKOF	Mast 4410 FT AMSL LGTD	342130N 0470740E	RVR Antenna 4383 FT AMSL LGTD	342109N 0470842E	
11L /R APCH 29L /R TKOF	Building 4432 FT AMSL NIL	342139N 0470722E	MAST 4368 FT AMSL NIL	342031N 0471039E	
11L/R APCH 29L/R TKOF	Mobile object 4316 FT AMSL NIL	342113N 0470820E	Building 4326 FT AMSL NIL	342031N 0471036E	

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	
11L/R/ APCH 29L/R/ TKOF	Building 4395 FT AMSL NIL	342130N 0470754E	Floodlight 4390 FT AMSL NIL	342116N 0470850E	
11R/ APCH 29L/ TKOF	Tower Crane 4492 FT AMSL LGTD	342132N 0470649E	TWR Building 4422 FT AMSL LGTD	342057N 0470926E	
11L/R/ APCH 29L/R/ TKOF	Building 4376 FT AMSL NIL	342132N 0470757E	NDB antenna 4392 FT AMSL LGTD	342121.4N 0470833.7E	
11L/R/ APCH 29L/R/ TKOF	Building 4377 FT AMSL NIL	342129N 0470742E			
11R/APCH 29L/TKOF	Building 4393 FT AMSL NIL	342131N 0470755E			
11R/APCH 29L/TKOF	Building 4379 FT AMSL NIL	342133N 0470757E			
11R/APCH 29L/TKOF	Building 4395 FT AMSL NIL	342130N 0470754E			
11R/APCH 29L/TKOF	Silo 4320 FT AMSL NIL	342107N 0470823E			
29L/APCH 11R/TKOF	GP Antenna 4354 FT AMSL Marked/LGTD	342028.4N 0471021.3E			

OICC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET Office*	Kermanshah
2	*Hours of service* *MET Office outside hours*	H24 --
3	*Office responsible for terminal aerodrome forecast (TAF) preparation* *Periods of validity*	Information not available
4	*Trend forecast* *Interval of issuance*	Information not available
5	*Briefing/consultation provided*	Information not available
6	*Flight documentation* *Language(s) used*	Information not available
7	*Charts and other information available for briefing or consultation*	Information not available
8	*Supplementary equipment available for providing information*	Information not available
9	*ATS units provided with information*	Kermanshah TWR
10	*Additional information (limitation of service, etc)*	Information not available

⇆ OICC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE BRG*	*Dimensions of RWY (M)*	*Strength (PCR) 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
11L	115.98°GEO	2943 x 45	730/F/C/X/T Asphalt	342109.71N 0470844.86E GUND +22 FT	4306 FT
29R	296.00°GEO	2943 x 45	730/F/C/X/T Asphalt	342027.86N 0471028.37E GUND +22 FT	4305 FT
11R	115.98°GEO	3400 x 45	730/F/C/X/T Asphalt	342109.29N 0470829.44E GUND +22 FT	4303 FT
29L	296.00°GEO	3400 x 45	730/F/C/X/T Asphalt	342020.94N 0471029.01E GUND +22 FT	4305 FT

Slope of RWY - SWY	*SWY dimensions (M)*	*CWY dimensions (M)*	*Strip dimensions (M)*	*RESA*	*OFZ*
7	8	9	10	11	12
0.02%	NIL	NIL	3663 x 150	60 x 240	NIL
0.02%	NIL	NIL	3663 x 150	60 x 240	NIL
0.02%	120 x 45	120 x 150	NIL	NIL	NIL
0.02%	NIL	NIL	NIL	NIL	NIL

Remarks

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THR RWY 11L displaced 228 M. DTHR Coordinates: 342106.47N 0470852.87E DTHR elevation:4307 FT
THR RWY 11R displaced 370 M. DTHR Coordinates: 342104.03N 0470842.46E DTHR elevation:4303 FT

Provision of using RWY 11R/29L:
- Aerodrome Reference Code is 4D when RWY 11R/29L is used.
- Minimum visibility at least 5 KM according to METAR for Landing RWY 11R.

Provision of using RWY 11L/29R as contingency RWY:
- Non-Instrument RWY.
- Day operation only.
- RWY 11L/29R is used only when RWY 11R/29L closed.
- No aircraft shall be parked in south stands during the activity of the contingency RWY 11L/29R.
- Aerodrome Reference Code becomes 4C when RWY 29R is used for landing and RWY 11L is used for take-off.
- Aerodrome Reference Code becomes 3C when RWY 29R is used for take-off and RWY 11L is used for landing.
- Visual Departure that mandates the specified altitude/ point to join SID for departures.
- Minimum visibility at least 5 KM according to METAR.
- No clouds below 1500 FT and no ceiling below 2200 FT.
- Maximum tailwind component is 10 Knots.
- Maximum crosswind component is 15 Knots.
- The Minimum Runway Condition Code is 4.

⇆ OICC AD 2.13 DECLARED DISTANCES

RWY Designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
11L	2943	2943	2943	2715	NIL
29R	2943	2943	2943	2943	NIL
11R	3400	3520	3520	3030	NIL
29L	3400	3400	3400	3400	NIL

⇆ OICC 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*	*Remarks*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
11L	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*
29R	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*	*NIL*
11R	*NIL*	*Green WBAR*	*NIL*	*NIL*	*NIL*	*3400 M 60 M White,LIH*	*Red*	*NIL*	*WBAR lights installed at DTHR*
29L	*PALS (CAT I) 813M LIH*	*Green Supplemented by WBAR*	*PAPI Left / 3° (61 FT)*	*NIL*	*NIL*	*3400 M 60 M White,LIH*	*Red*	*NIL*	*NIL*

OICC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN location, characteristics and hours of operation*	On top of the AD Control Tower Building, FLG G and W, EV 2 sec, HN and during IMC
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	Edge: All TWYs Center line: NIL
4	*Secondary power supply/switch-over time*	Available Switch-over time: 15 sec
5	*Remarks*	NIL

OICC AD 2.16 HELICOPTER LANDING AREA

NIL

OICC AD 2.17 ATS AIRSPACE

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

OICC AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	2	3	4	5
TWR	Kermanshah Tower	122.450 MHz 121.900 MHz 121.500 MHz	H24 H24 H24	Emergency
ATIS	Kermanshah information	126.800 MHz	H24	

Note: Tower frequency range is only 35NM.

OICC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS (For VOR/ILS, give VAR)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NDB	KMS	382 KHz	H24	342121.4N → 0470833.7E	4392 FT	
DVOR/DME (3°.30′ E / 1997)	KMS	114.600 MHz CH 93X	H24	342023.0N 0471008.9E	4308 FT	
TACAN	KSH	CH 102X	H24	341840.0N 0470140.0E		
LOC 29L ILS CAT I (3°.30′E /1997)	IKMS	111.100 MHz	H24	342112.7N 0470821.1E	←	
ILS GP RWY 29L		331.700 MHz	H24	342028.4N 0471021.3E		3°, RDH 46 FT
ILS DME RWY 29L	IKMS	CH 48X	H24	342028.4N ← 0471021.3E		

DVOR unusable in the FLW area counter clockwise direction:

1- 320° - 310° beyond 20 NM, BLW 10000 FT AMSL.
2- 310° - 230° beyond 25 NM, BLW 9000 FT AMSL.
3- 230° - 210° beyond 20 NM, BLW 10000 FT AMSL.
4- 210° - 180° beyond 25 NM, BLW 12000 FT AMSL.
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

- Fixed-wing aircraft are not authorized to use north traffic pattern.

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 fixed- wing ACFT 6000 feet,
b. For other fixed- 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 2-1
AD 2 OICC SID 2-2

Standard Arrival Chart - Instrument – ICAO.....⇆ AD 2 OICC STAR 1-1
AD 2 OICC STAR 1-2
⇆ AD 2 OICC STAR 2-1
AD 2 OICC STAR 2-2
AD 2 OICC STAR 2-3

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