

AD 2. AERODROMES**OITT AD 2.1 AERODROME LOCATION INDICATOR AND NAME****OITT - TABRIZ / International****OITT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	380802N 0461406E
2	<i>Direction and distance from (city)</i>	NW, 4 NM from Tabriz
3	<i>Elevation / Reference temperature</i>	4449 FT / 32.9°C
4	<i>MAG VAR / Annual change</i>	5° E (2016)
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Iranian Airports & Air Navigation Company (IAC) Tabriz International Airport P.O. BOX: 154, Postal code: 5189613131 Tabriz - Islamic Republic of Iran Tel: +9841 – 35260405, 35260406 Telefax: +9841 – 35260408 Telex: NIL AFS: OITTYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	Website: http://Tabriz.airport.ir ; Email: Tabriz.Info@airport.ir

OITT AD 2.3 OPERATIONAL HOURS

1	<i>AD Administration</i>	H24
2	<i>Customs and immigration</i>	H24
3	<i>Health and sanitation</i>	H24
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>	H24
10	<i>Security</i>	H24
11	<i>De-icing</i>	H24
12	<i>Remarks</i>	NIL

OITT AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo - handling facilities</i>	Available by main carrier and Arman Handling Co.
2	<i>Fuel / oil types</i>	Jet A1 – 100LL - JP4
3	<i>Fueling facilities/capacity</i>	Jet A1: 4 trucks, 60000, 20000 & 18000 litres, 30 litres/sec, No limitation 100LL: Available in 200 litres barrel JP4: Available in 18 litres tins
4	<i>De - icing facilities</i>	Available
5	<i>Hanger space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	NIL
7	<i>Remarks</i>	NIL

OITT AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Available in the city
2	<i>Restaurants</i>	At AD and in the city
3	<i>Transportation</i>	Taxis and buses
4	<i>Medical facilities</i>	First aids at AD, Hospital in the city
5	<i>Bank and Post Office</i>	At AD and in the city
6	<i>Tourist Office</i>	Available at AD
7	<i>Remarks</i>	NIL

OITT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD category for fire fighting</i>	CAT 8
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

OITT AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	<i>Types of clearing equipment</i>	4 Snow ploughs, 2 Snow blowers, 1 Urea spreader, 1 anti-icing truck, 1 Skiddometer.
2	<i>Clearance priorities</i>	1- RWY 12L/30R 2- TWY A, C and G 3- Apron 4- RWY 12R/30L 5-TWY B, D, E, F, M and N
3	<i>Remarks</i>	NIL

OITT AD 2.8 APRONS, TAXIWAYS

1	<i>Apron surface and strength</i>	Asphalt, PCN 58/F/A/X/T Concrete, PCN 71/R/A/X/T
2	<i>Taxiway width, surface and strength</i>	TWY A: 100M, Asphalt, PCN 60/F/C/X/T TWYs B, C, G: 38M, Asphalt, PCN 60/F/C/X/T TWY D: 45M, Asphalt, PCN 60/F/C/X/T TWYs E, F: 30M, Asphalt, PCN 60/F/C/X/T TWYs M, N: 23M, Asphalt, PCN 79/F/A/X/T
→ 3	<i>Altimeter checkpoint Location and Elevation</i>	NIL
→ 4	<i>VOR checkpoints</i>	NIL
→ 5	<i>INS checkpoint</i>	NIL
6	<i>Remarks</i>	NIL

OITT 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>	Guide lines at apron and TWY
2	<i>RWY and TWY markings and LGT</i>	RWY marking: Designation, THR, DTHR, TDZ, center line, edge & RWY end RWY lighting: See OITT AD2.14 below TWY marking: Centre line, edge, all holding position on TWY A, C, D, E, F, G, H, J, K, L toward RWY 30R are marked. TWY lighting: See OITT AD2.15 below SWY: marked
3	<i>Stop bars</i>	NIL
4	<i>Remarks</i>	NIL

OITT 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	
30 / APCH 12 / TKOF	Locator mast 43 FT AGL LGTD	380528N 0461816E	Mast 16.5 FT AGL	52.11M from RWY 12L CL	
30 / APCH 12 / TKOF	De-Arming area 10 FT AGL NIL	380718N 0461505E TWY	Mast 210 FT AGL LGTD	380806N 0461454E	
12 / APCH 30 / TKOF	De-Arming area 10 FT AGL NIL	380836N 0461303E TWY G	Water tank 128 FT AGL MARKED	380805N 0461454E	
30 / APCH 12 / TKOF	ILS GP 30R antenna 57 FT AGL LGTD	380733.2N 0461500.0E	COM mast 149 FT AGL NIL	745M after THR RWY 30R, 615M from right side of RWY 30R CL	
12 / APCH 30 / TKOF	LLZ 30R antenna 10 FT AGL LGTD	380847.5N 0461255.3E	Terminal Building 46 FT AGL NIL	Left side of RWY 30L, 182 M from 30L CL	
30 / APCH 12 / TKOF	ILS GP 30L antenna 57 FT AGL LGTD	380731.9N 0461448.0E	Control Tower Building 113 FT AGL NIL	Left side of RWY 30L, 228 M from 30L CL	
30 / APCH 12 / TKOF	Building 328 FT AGL NIL	380255N 0462227E	Caravan Building 21 FT AGL NIL	Right side of RWY 30R, 392M AFT THR RWY 30R, 90M FM RCL	
30 / APCH 12 / TKOF	Building 492 FT AGL NIL	380408N 0462155E	Caravan Building 23 FT AGL NIL	Left side of RWY 12L, 420M AFT THR RWY 12L, 75M FM RCL	
30 / APCH 12 / TKOF	Building 213 FT AGL NIL	380400N 0462117E	Artificial hill 17FT AGL NIL	In TWY G, length:29 M, DIST FM RWY 12L CL: 52 M.	
30 / APCH 12 / TKOF	Building 328 FT AGL NIL	380214N 0462140E	→ Apron floodlights 4522 FT AMSL (79 FT AGL) LGTD	Left side of RWY 30L, First one: 162 M from RWY 30L CL 380722N 0461447E	
30 / APCH 12 / TKOF	Building 246 FT AGL NIL	380403N 0462024E		Second one: 168 M from RWY 30L CL 380723N 0461445E	
30 / APCH 12 / TKOF	Building (World Trade Center) 5510 FT AMSL NIL	380400.6N 0462153.7E		Third one: 166 M from RWY 30L CL 380725N 0461442E	
				Fourth one: 179 M from RWY 30L CL 380727N 0461438E	

OITT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	Tabriz
2	<i>Hours of service</i> <i>MET Office outside hours</i>	H24 --
3	<i>Office responsible for TAF preparation Periods of validity</i>	Tabriz 18 HR
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	Trend 2 HR
5	<i>Briefing/consultation provided</i>	By telephone: +9841 – 32671342, 33339316, 33339321
6	<i>Flight documentation</i> <i>Language(s) used</i>	Charts, abbreviated plain language text English/Persian
7	<i>Charts and other information available for briefing or consultation</i>	S, U
8	<i>Supplementary equipment available for providing information</i>	NIL
9	<i>ATS units provided with information</i>	Tabriz TWR Tabriz APP
10	<i>Additional information (limitation of service, etc.)</i>	NIL

OITT 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
12L	128.84°GEO	3656 x 45	65/R/B/X/T Concrete	380838.30N 0461309.72E GUND +59 FT	THR 4438 FT
30R	308.86°GEO	3656 x 45	65/R/B/X/T Concrete	380723.90N 0461506.62E GUND +59 FT	THR 4449 FT
12R	128.84°GEO	3759 x 45	60/F/C/X/T Asphalt	380834.44N 0461303.50E GUND +59 FT	THR 4431 FT
30L	308.86°GEO	3759 x 45	60/F/C/X/T Asphalt	380717.94N 0461503.71E GUND +59 FT	THR 4441 FT
<i>Slope of RWY - SWY</i>	<i>SWY dimensions (M)</i>	<i>CWY dimensions (M)</i>	<i>Strip dimension (M)</i>	<i>→ RESA</i>	<i>OFZ</i>
7	8	9	10	11	12
0.086 %	300 x 45	300 x 150	NIL	NIL	NIL
0.086 %	300 x 45	300 x 150	NIL	NIL	NIL
0.078 %	NIL	NIL	NIL	NIL	NIL
0.078 %	NIL	NIL	NIL	NIL	NIL
<i>Remarks</i>					
13					
- Distance between parallel RWY centre lines is (190M). - Simultaneous OPR on parallel RWY is not permitted - THR RWY 30L displaced 270 M. - DTHR Coordinates: 380723.43N 0461455.08E - DTHR ELEV: 4443 FT - AD Code Letter / Number : 4E - Procedure of using RWY 30L/12R as Contingency RWY: Contingency RWY 30L/12R is only available for take off and landing in the following conditions: 1- When RWY 30R/12L is closed. 2- The minimum ground visibility shall prevail, according to the AD 1.1-1 of AIP. 3- No aircraft shall be parked in the main apron during the activity of the contingency RWY 30L/12R. 4- Aircraft are allowed to be parked only in the west apron. 5- A NOTAM regarding the closure of RWY 30R/12L and indication of expected delays to arrivals and departures shall be issued. <i>Note : Permission for closure of RWY 30R/12L and using contingency RWY 30L/12R will be issued only by AD Deputy for Aeronautical Operation.</i>					

OITT 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
12L	3656	3956	3956	3656	NIL
30R	3656	3956	3956	3656	NIL
12R	3489	3759	3759	3759	NIL
30L	3759	3759	3759	3489	NIL

OITT 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
12L	SALS 420M LIH	Green Supplemented By WBAR	PAPI Left / 3.2° (62 FT)	NIL	NIL	3655M 60 M White, LIH	Red	Red 300 M	NIL
30R	PALS (CAT I) 900M LIH	Green Supplemented By WBAR	PAPI Left / 3.2° (62 FT)	NIL	NIL	3655M 60 M White, LIH	Red	Red 300 M	NIL
12R	SALS 420M LIH	Green Supplemented By WBAR	PAPI Left / 3.1° (59 FT)	NIL	NIL	3757M 60 M White, LIH	Red	NIL	NIL
30L	SALS 420M LIH	Green Supplemented By WBAR	PAPI Right / 3.2° (62 FT)	NIL	NIL	3757M 60 M White, LIH	Red	NIL	NIL

OITT 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 4 sec HN and during IMC
2	<i>LDI location and LGT</i> <i>Anemometer location and LGT</i>	NIL
3	<i>TWY edge and center line lighting</i>	Edge: TWY A, B, C, D, E, F, G and RWY 12R/30L (as a TWY) Centre line: NIL
4	<i>Secondary power supply/switch-over time</i>	Available Switch-over time: 10 - 15 sec
5	<i>Remarks</i>	NIL

OITT AD 2.16 HELICOPTER LANDING AREA

NIL

OITT AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	Tabriz CTR: A circle, radius 45 NM centred at 380853.5N 0461246.6E (DVOR/DME) FM point 372834N 0463806E counter clockwise to point DASDA (384135N 0465214E) then direct line to point RABDI (384804N0454431E) then continue counter clockwise 45 NM arc to point 375845N 0451716E then along Uromiyeh CTR boundary to point 374908N 0452813E then direct line to the point of origin	Tabriz ATZ: A circle, radius 7 NM centered at 380802N 0461406E (ARP)
2	<i>Vertical limits</i>	FL 245	9000 FT AMSL
3	<i>Airspace classification</i>	Above FL 200 class A, at FL 200 and below class D	D
4	<i>ATS unit call sign Language(s)</i>	Tabriz APP English / Persian	Tabriz TWR English / Persian
5	<i>Transition altitude</i>	12000 FT AMSL	
6	<i>Remarks</i>	NIL	

OITT 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
APP	Tabriz Approach	122.500 MHZ 121.500 MHZ 263.600 MHZ 362.300 MHZ	H24 H24 H24 H24	Emergency frequency Military aircraft, Primary Military aircraft, Secondary
TWR	Tabriz Tower	124.100 MHZ 121.700 MHZ 121.900 MHZ 257.800 MHZ	H24 H24 H24 H24	For ground movement UDF, Military aircraft UDF unusable BTN 345°- 120° beyond 15 NM, BLW FL 155
ATIS (INFO)	Tabriz Information	127.000 MHZ	0300-2100	

OITT 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
DVOR/DME (5° E / 2016)	TBZ	117.700 MHZ CH 124X	H24	380853.5N 0461245.7E	4490 FT	IRIAF
TACAN	TBZ	CH 57X	H24	380820.7N 0461351.2E		
LOC 30R ILS CAT I (5° E / 2016)	ITBZ	109.900 MHZ	H24	380847.5N 0461255.3E	3.2°, RDH 57 FT	
ILS GP RWY 30R		333.800 MHZ	H24	380733.2N 0461500.0E		
ILS DME RWY 30R	ITBZ	CH 36X	H24	380734.62N 0461500.0E	3.2°, RDH 55 FT	
LOC 30L ILS CAT I (5° E / 2016)	ITBL	110.300 MHZ	H24	380841.6N 0461252.2E		
ILS GP RWY 30L		335.000 MHZ	H24	380731.9N 0461448.0E		
ILS DME RWY 30L	ITBL	CH 40X	H24	380731.9N 0461448.0E		
GP is not usable beyond -5 and +8 degree from Center Line.						
LOC coverage is restricted to 24 NM						
→ Coverage of LOC was -35° to +30° on 17 NM						
DVOR/DME unusable counter clockwise in the FLW area:						
At 20 DME:						
RDL 090 - RDL 310 BLW 12000 FT AMSL.			RDL 350 - RDL 290 BLW 16000 FT AMSL.			
RDL 310 - RDL 290 BLW 11000 FT AMSL.			RDL 290 - RDL 190 BLW 9000 FT AMSL.			
RDL 290 - RDL 220 BLW 6000 FT AMSL.			RDL 190 - RDL 170 BLW 13000 FT AMSL.			
RDL 220 - RDL 180 BLW 8000 FT AMSL.			RDL 170 - RDL 100 BLW 14000 FT AMSL.			
RDL 180 - RDL 140 within 10000 FT AMSL.						
RDL 140 - RDL 090 BLW 9000 FT AMSL.						
At 40 NM:						
RDL 100 - RDL 350 BLW 17000 FT AMSL.						

OITT AD 2.20 LOCAL TRAFFIC REGULATIONS

- 1- Traffic circuit not authorized on right-hand pattern RWY 30L/R or left-hand pattern RWY 12L/R.
- 2- As a general principle RWY30 is to be used in preference RWY12 whenever the tailwind component does not exceed 10KT.

Note: pilots, who ask for permission to use RWY into the wind despite this procedure, should expect that their arrival or departure may be delayed.

- 3-Taxiways H, J, K & L are usable only for military aircraft, civil aircraft are not authorized to use these TWYs except by prior coordination by air traffic control tower.

OITT AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OITT 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.

OITT AD 2.23 ADDITIONAL INFORMATION

1- Intensive birds' accumulation exists in the vicinity and particularly in east of AD.

2- Strolling dogs exist on the movement area.

3- Medium and heavy aircraft are permitted to make 180 turn only at the end of RWY 30L/12R using TWY G/C

4- Net barrier:

- a) RWY 12R, Position at the beginning of RWY 12R, 314 M before THR RWY 12R. It will be engaged during daylight; Height during engagement is 10 FT AGL.
- b) RWY 30L, Position at the beginning of RWY 30L, 314 M before THR RWY 30L. It will be engaged during daylight; Height during engagement is 10 FT AGL.

There are two metal boxes on both sides of each barrier with following specifications:

Length: 2.5 M, Width: 2.5 M, Height: 8 FT, Distance from RWY CL: 49 M, Distance from THR: 314 M.

5- Hook barrier :

RWY 30L: Position 1150 M from THR RWY 30L. Height during engagement will be 0.3 FT and it will be engaged by prior arrangement.

There are two metal boxes on both sides of RWY 30L/12R with following specifications:

Length: 3.7 M, Width: 2.1 M, Height: 3 FT, Distance from RWY CL: 32.5 M, Distance from THR: 1150 M.

6- Anti-icing & De-icing area located on TWY B.

7- Isolated aircraft parking position located at the end of TWY M.

8- ACFT taxing on east apron shall use minimum power due to proximity of terminal and installation.

9- Hot Spot:

- a) HS1: pilots are to look out for movement of military vehicles ON TWYS C, L, K and J
- b) HS2: aircraft on TWY A, B and M must hold short of RWY 12R/30L.

OITT AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart – ICAO	AD 2 OITT ADC
Aerodrome Obstacle Chart — ICAO Type A	AD 2 OITT AOC 1
	AD 2 OITT AOC 2
Standard Departure Chart - Instrument – ICAO.....	AD 2 OITT SID 1-1
	AD 2 OITT SID 1-2
Arrival Chart - Instrument – ICAO	AD 2 OITT STAR 1-1
	AD 2 OITT STAR 1-2
	AD 2 OITT STAR 1-3
Instrument Approach Chart – ICAO	AD 2 OITT IAC 1-1
	AD 2 OITT IAC 1-2
	AD 2 OITT IAC 2-1
	AD 2 OITT IAC 2-2
	AD 2 OITT IAC 2-3
	AD 2 OITT IAC 2-4