AD 2 UBBG

UBBG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

UBBG - GANJA

UBBG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	404420N 0461912E centre of RWY 12/30
2	*Direction and distance from (city)*	7 KM (3.8 NM) NW of the city Ganja
3	*Elevation/Reference temperature*	Elev: 1086 FT (331 M) / T: 13.2° C
4	*Geoid undulation at AD ELEV PSN*	40 FT (12 M)
5	*MAG VAR/Annual change*	6° E (2015)/0.1° increasing
6	*AD Administration, address, telephone, telefax, telex, AFS*	Airport AZ 2000 Ganja Azerbaijan Tel: (99422) 569963, 2681108 Fax: (99422) 569963, 2681108 AFS: UBBGDKXX
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

UBBG AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	MON-FRI 0500-1400 UTC
2	*Customs and immigration*	H24
3	*Health and sanitation*	H24
4	*AIS Briefing Office*	H24
5	*ATS Reporting Office (ARO)*	H24
6	*MET Briefing Office*	H24
7	*ATS*	H24
8	*Fuelling*	0500-1400 UTC
9	*Handling*	H24
10	*Security*	H24
11	*De-icing*	H24
12	*Remarks*	NIL

UBBG AD 2.4 HANDLING SERVICES ANDFACILITIES

1	*Cargo-handling facilities*	Available
2	*Fuel/oil types*	Fuel : TS1 (equivalent Jet A-1) Oil : MS-8P
3	*Fuelling facilities/capacity*	Available without limitation
4	*De-icing facilities*	De-icing unit with aircraft chemical
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	Major repairs at aircraft repair base
7	*Remarks*	NIL

UBBG AD 2.5 PASSENGER FACILITIES

1	*Hotels*	In the city.
2	*Restaurants*	At AD and in the city.
3	*Transportation*	Taxi
4	*Medical facilities*	First aid at AD. Hospitals in the city.
5	*Bank and Post Office*	In the city and at AD.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

UBBG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	H24: CAT 7

2	*Rescue equipment*	2 Fire fighting trucks, 1 Quick response vehicle, 1 Water tanker truck 4 t
3	*Capability for removal of disabled aircraft*	Disabled aircraft removal facilitation is available for 4C category aircraft
4	*Remarks*	Responsible coordinator for removal of disabled aircraft: Tel: (99422) 2670028 Fax: (99422) 2671875 E-mail: ganja@airport.az

UBBG AD 2.7 SEASONAL AVAILABILITY

1	*Types of clearing equipment*	Scrapers, Sand Spreader
2	*Clearance priorities*	1. RWY 12 /30 and associated TWY to Apron 2. Other TWY and ACFT stands
3	*Remarks*	NIL

UBBG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1 *Apron surface and strength*

Surface	Strength
Concrete and asphalt	PCN 150/F/A/W/T

2 *Taxiway width, surface and strength*

TWY ID	Width (M)	Surface	Strength
TWY A	23 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY B	18 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY B1	18 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY B2	18 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY B3	18 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY C	23 M	Concrete and asphalt	PCN 150/F/A/W/T
TWY D	23 M	Concrete and asphalt	PCN 150/F/A/W/T

3	*Altimeter checkpoint location and elevation*	Nil
4	*VOR/INS checkpoints*	VOR: Nil INS: Nil
5	*Remarks*	NIL

UBBG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	*Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands*	Guidance sing boards at entrances to RWY, guidance signs indicating taxi-ways.
2	*RWY and TWY markings and LGT*	RWY: Markings – designation of threshold, touchdown, center line, edge, landing magnetic track. Lights – THR, RWY CL, RWY Edge,RWY End. TWY: Markings – centerline, holding position Lights – TWY A,D,C Edge
3	*Stop bars*	NIL
4	*Remarks*	NIL

UBBG AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			
RWY NR/Area affected	*Obstacle type Elevation Markings/LGT*	*Coordinates*	*Remarks*
a	b	c	d
30/APCH	Building Elev: 1119 FT (341 M)	404328.8N 0462039.2E	Nil
30/APCH	Building Elev: 1263 FT (385 M)	404205.0N 0462223.1E	Nil
30/APCH	Building Elev: 1217 FT (371 M)	404235.8N 0462202.2E	Nil
30/APCH	Building Elev: 1214 FT (370 M)	404250.6N 0462158.9E	Nil
30/APCH	Building Elev: 1184 FT (361 M)	404247.3N 0462127.7E	Nil
30/APCH	Building Elev: 1188 FT (362 M)	404252.0N 0462127.6E	Nil
30/APCH	Tree Elev: 1207 FT (368 M)	404248.8N 0462122.7E	Nil
30/APCH	Building Elev: 1152 FT (351 M)	404308.7N 0462106.7E	Nil
12/TKOF	Building Elev: 1188 FT (362 M)	404252.0N 0462127.6E	Nil
12/TKOF	Building Elev: 1217 FT (371 M)	404235.8N 0462202.2E	Nil
12/TKOF	Tree Elev: 1207 FT (368 M)	404248.8N 0462122.7E	Nil
12/TKOF	Building Elev: 1184 FT (361 M)	404247.3N 0462127.7E	Nil
12/TKOF	Building Elev: 1152 FT (351 M)	404308.7N 0462106.7E	Nil
12/TKOF	Building Elev: 1214 FT (370 M)	404250.6N 0462158.9E	Nil
12/TKOF	Building Elev: 1263 FT (385 M)	404205.0N 0462223.1E	Nil
12/TKOF	Building Elev: 1119 FT (341 M)	404328.8N 0462039.2E	Nil

In circling area and at AD		
Obstacle type Elevation Markings/LGT	*Coordinates*	*Remarks*
a	b	c
Prop of electric main Elev: 1404 FT (428 M)	404305.2N 0461659.8E	Nil
Prop of electric main Elev: 1483 FT (452 M)	404207.3N 0461729.7E	Nil
Prop of electric main Elev: 1545 FT (471 M)	404153.2N 0461716.8E	Nil
Prop of electric main Elev: 1260 FT (384 M)	404225.9N 0462308.7E	Nil
Prop of electric main Elev: 1276 FT (389 M)	404214.9N 0462259.6E	Nil

In circling area and at AD		
Obstacle type *Elevation* *Markings/LGT*	*Coordinates*	*Remarks*
a	b	c
Antenna Elev: 1319 FT (402 M)	404114.6N 0462414.7E	Nil
Mountain Elev: 1608 FT (490 M)	403954.9N 0461820.2E	Nil
Searchlight Elev: 1207 FT (368 M) Marked & LGTD	404315.5N 0461952.5E	Nil
Mountain Elev: 800 FT (244 M)	404803.6N 0465700.2E	Nil
Chimney Elev: 1152 FT (351 M)	404310.2N 0462238.1E	Nil
Chimney Elev: 1201 FT (366 M)	404346.8N 0461849.9E	Nil
Prop of electric main Elev: 1414 FT (431 M)	404221.7N 0461852.8E	Nil
Prop of electric main Elev: 1447 FT (441 M)	404230.3N 0461739.2E	Nil
Prop of electric main Elev: 1447 FT (441 M)	404237.9N 0461718.0E	Nil
Prop of electric main Elev: 1437 FT (438 M)	404242.0N 0461713.3E	Nil
Prop of electric main Elev: 1414 FT (431 M)	404254.7N 0461714.4E	Nil
Building Elev: 1444 FT (440 M)	404136.1N 0461959.0E	Nil
Searchlight Elev: 1152 FT (351 M)	404439.1N 0461808.0E	Nil
Chimney Elev: 1503 FT (458 M)	404127.8N 0462436.1E	Nil
Building Elev: 1631 FT (497 M)	404016.0N 0461917.5E	Nil
Antenna Elev: 1873 FT (571 M)	403850.5N 0461906.8E	Nil
Antenna Elev: 2441 FT (744 M)	403737.5N 0461955.6E	Nil
Antenna Elev: 2749 FT (838 M)	403721.6N 0462002.8E	Nil
Mountain Elev: 3983 FT (1214 M)	403925.8N 0461052.9E	Nil
Mountain Elev: 4423 FT (1348 M)	404039.7N 0460859.2E	Nil
Mountain Elev: 3694 FT (1126 M)	404521.2N 0460113.1E	Nil
Mountain Elev: 3875 FT (1181 M)	403211.7N 0462446.5E	Nil
Mountain Elev: 4068 FT (1240 M)	403006.9N 0462850.5E	Nil
Mountain Elev: 5049 FT (1539 M)	403659.5N 0460851.6E	Nil

In circling area and at AD		
Obstacle type *Elevation* *Markings/LGT*	*Coordinates*	*Remarks*
a	b	c
NOTE: Pilots are advised to consult latest NOTAM and AIP SUP on any other impending obstacle.		

UBBG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET Office*	Ganja
2	*Hours of service* *MET Office outside hours*	H24
3	*Office responsible for TAF preparation* *Period of validity*	Ganja 24HR
4	*Tred forecast* *Interval of issuance*	TR 0.5 HR
5	*Briefing/consultation provided*	Personal consultation. Packet of documents.
6	*Flight documentation* *Language(s) used*	Charts, OPMET Eng, Aze, Rus
7	*Charts and other information available for briefing or consultation*	S, U $_{85}$, U $_{70}$, U $_{50}$, U $_{30}$, U $_{20}$, P $_{85}$, P $_{70}$, P $_{50}$, P $_{40}$, P $_{30}$, P $_{20}$, SWH, SWM, T.MET SAT charts
8	*Supplementary equipment available for providing information*	AWOS, ATIS, AFTN, AMHS
9	*ATS units provided with information*	Ganja TWR, Ganja APP, Ganja Briefing
10	*Additional information (limitation of service, etc.)*	Area forecasts for low-level flights: GAMET and AIRMET (UBTT Zabrat Met office is responsible for preparation and distribution of GAMET and AIRMET)

UBBG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE BRG*	*Dimension of RWY (M)*	*Strength (PCN) and surface of RWY*	*THR coordinates RWY end coordinates THR GUND*	*THR elevation and highest elevation of TDZ of precision APP RWY*
1	2	3	4	5	6
12	128	3300 x 45	PCN 150/F/A/W/T Concrete and asphalt	404452.86N 0461817.27E 404347.25N 0462007.70E 40 FT (12.2 M)	THR 1057 FT (322 M) TDZ 1068 FT (326 M)
30	308	3300 x 45	PCN 150/F/A/W/T Concrete and asphalt	404347.25N 0462007.70E 404452.86N 0461817.27E 40 FT (12.2 M)	THR 1081 FT (329 M) TDZ 1080 FT (329 M)

Slope OF RWY and SWY	*SWY dimensions (M)*	*CWY dimensions (M)*	*Strip dimensions (M)*	*RESA dimensions (M)*	*OBST free zone*
7	8	9	10	11	12
For Rwy 12: +0.2%	60 x 45	260 x 150	3540 x 280	90 x 90	As specified in Annex 14
For Rwy 30: +0.2%	60 x 45	200 x 150	3540 x 280	90 x 90	As specified in Annex 14

UBBG AD 2.13 DECLARED DISTANCES

RWY Designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6

RWY Designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
12	3300	3560	3360	3300	Nil
30	3300	3500	3360	3300	Nil

UBBG 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 Length, spacing, colour, INTST*	*RWY edge LGT LEN, spacing colour INTST*	*RWY End LGT colour WBAR*	*SWY LGT LEN (M) colour*	*REMARKS*
1	2	3	4	5	6	7	8	9	10
12	CAT I Siemens 900 M LIH	Green	PAPI Left side 59 FT	Nil	3300 M, 30 M From 2400 M to 3000 M - red/ white From 3000 M to 3300 M - red LIH	3300 M spacing 60 M white, last 600 M yellow LIH	Red	Nil	Nil
30	CAT I Siemens 900 M LIH	Green	PAPI Left side 59 FT	Nil	3300 M, 30 M From 2400 M to 3000 M - red/ white From 3000 M to 3300 M - red LIH	3300 M spacing 60 M white, last 600 M yellow LIH	Red	Nil	Nil

UBBG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN/IBN location, characteristics and hours of operation*	Nil
2	*LDI location and LGT* *Anamometer location and LGT*	LDI: Nil Anemometer: Nil
3	*TWY adge and centre line lighting*	Taxiway Edge: TWY D Taxiway Edge: TWY C Taxiway Edge: TWY A
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting at AD. Switch-over time: 5 MIN
5	*Remarks*	NIL

UBBG AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	Nil
2	*TLOF and/or FATO elevation M/FT*	Nil
3	*TLOF and FATO area dimensions, surface, strength, marking*	Nil
4	*True BRG of FATO*	Nil
5	*Declared distance available*	Nil
6	*APP and FATO lighting*	Nil
7	*Remarks*	Take off and landing of helicopters is cleared in any part of RWY 12/30

UBBG AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	GANJA TMA Area bounded by lines joining points 411306N/0473512E; 403500N/0475700E; 402000N/0474800E; 402000N/0454900E then along Azerbaijan-Armenia (East) up to 411800N/0450100E then along Azerbaijan-Georgia up to 415400N/0462700E then along Azerbaijan-Russia up to point of origin.
2	*Vertical limits*	GND to FL195
3	*Airspace classification*	Nil
4	*ATS unit call sign* *Language(s)*	Ganja Approach, English Ganja Approach, Russian
5	*Transition altitude*	7000 FT (2134 M) MSL
6	*Hours of abblicability*	Nil
7	*Remarks*	Nil

UBBG AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	***Call sign***	***Frequency***	***Hours of operation***	***Remarks***
1	**2**	**3**	**4**	**5**
APP	Ganja Approach	123.900 MHZ 135.925 MHZ	H24	ENG
ATIS	Ganja ATIS	119.250 MHZ	H24	ENG
TWR	Ganja Tower	123.900 MHZ	H24	ENG

UBBG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid MAG VAR CAT of ILS/MLS	*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 (06° E/2015)	GND	115.80 MHZ CH 105X	H24	404512.7N 0461743.8E	1100 FT (335 M)	Coverage 200 NM
LLZ ILS RWY 12	IGL	111.30 MHZ	H24	404341.9N 0462016.6E	-	122˚ MAG, 273M from THR 30
GP		332.30 MHZ	H24	404449.8N 0461830.5E	-	3˚, RDH 50 FT
DME	IGL	CH 50X	H24	404449.8N 0461830.5E	1100 FT (335 M)	Coverage 25 NM
LLZ ILS RWY 30	IGR	110.90 MHZ	H24	404457.0N 0461810.4E	-	302˚ MAG, 205M from THR 12
GP		330.80 MHZ	H24	404351.4N	-	3˚, RDH 50 FT

Type of aid MAG VAR CAT of ILS/MLS	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	**2**	**3**	**4**	**5**	**6**	**7**
				0461952.1E		
DME	IGR	CH 46X	H24	404351.4N 0461952.1E	1100 FT (335 M)	Coverage 25 NM

UBBG AD 2.20 LOCAL TRAFFIC REGULATIONS

1 RUN-UP PROCEDURE

1.1 Run-up and full engine thrust are only permitted on a few numbers of stands or at specially assigned places.

1.2 Permission for engine run-up shall be requested from “Ganja Tower” on FREQ 123.900 MHz. Stand number and intended engine power thrust should be indicated.

2 PUSH BACK AND TOW PROCEDURES

2.1 Clearance for push back or tow may only be requested if airplane is ready to carry out the maneuver.

2.2 The clearance for push back or tow shall be requested from “Ganja Tower” on FREQ 123.900 MHz.

2.3 Engines can be started before, during or after push back or tow as specified in instructions of “Ganja Tower”. The interphone or hand signal system shall be used for communication between signalman and crew.

3 START – UP PROCEDURE

3.1 All types of flights shall request clearance for engine start-up from “Ganja Tower” on FREQ 123.900 MHz.

3.2 The parking position, QNH value and designator of latest received ATIS broadcast shall be reported in the initial call.

4 TAXI PROCEDURES

4.1 Unless otherwise instructed by “Ganja Ground”, the taxi routes published on chart UBBG AD-2.24-3-1 shall be followed.

4.2 While taxiing, the crew shall observe the area in front of them and take measures to avoid collisions with aircraft, motor vehicles and other obstacles.

4.3 Movement of aircraft on the apron is subject to prior permission from “Ganja Tower”. However, “Ganja Tower” only provides necessary information to maintain an orderly flow of traffic.

4.4 “Follow me” car is always available by request.

4.5 The aircraft shall not enter or cross the runway without clearance from the “Ganja Tower”.

4.6 Taxiing from the holding position to line-up and take-off shall be performed only after clearance given by “Ganja Tower”.

5 PARKING POSITION FOR HELICOPTERS

Helicopters are always directed to the parking positions by signalman.

6 APRON, TAXIING IN WINTER CONDITIONS

Taxiways in apron area are not equipped with lights indicating median strip. The taxiing lines may be invisible because of snow. The help of «FOLLOW ME» car may be requested from the body managing ground traffic.

7 HELICOPTER FLIGHTS RESTRICTIONS

Irregular public air transportation by helicopters is allowed only after obtainment of preliminary permission from Ganja airport administration.

8 OTHER INFORMATION

Isolated aircraft parking position is available and located at aircraft stand #8.

UBBG AD 2.21 NOISE ABATEMENT PROCEDURES

There are no special noise abatement procedures established.

Aircraft types ANTONOV 24, ANTONOV 26 and TUPOLEV 134 are not allowed to land and take off at Ganja International Airport due to noise abatement, except for ambulance, humanitar, emergency, search and rescue flights.

UBBG AD 2.22 FLIGHT PROCEDURES

Procedures to be followed by arriving or departing aircraft are contained on the SID charts UBBG 2.24.7-1 through UBBG 2.24.7-15 and STAR charts UBBG 2.24.9-1 through UBBG 2.24.9-15.

UBBG AD 2.23 ADDITIONAL INFORMATION

NIL

UBBG AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart		UBBG AD 2.24-1-1
Aerodrome Ground Movement And Aircraft Parking Chart RWY 12/30		UBBG AD 2.24-3-1
Aerodrome Obstacle Chart ICAO RWY 12/30		UBBG AD 2.24-4-1
Standard Instrument Departure Chart (SID) RWY 12		UBBG AD 2.24-7-1
Standard Instrument Departure Chart (SID) RWY 30		UBBG AD 2.24-7-3
Standard Instrument Departure Chart (SID) RWY 30		UBBG AD 2.24-7-5
Standard Arrival Chart (STAR) RWY 12		UBBG AD 2.24-9-1
Standard Arrival Chart (STAR) RWY 30		UBBG AD 2.24-9-3
Instrument Approach Chart (ILS DME) RWY 12		UBBG AD 2.24-10-1
Instrument Approach Chart (ILS DME) RWY 30		UBBG AD 2.24-10-3
Instrument Approach Chart (VOR DME) RWY 12		UBBG AD 2.24-10-5