

AD 2. AERODROMES

OJAM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OJAM - AMMAN/Marka International

OJAM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	315821.73194N 355929.65800E from center of Runway
2	Direction and Distance from city center	2.77 NM North East.
3	Elevation / Reference temperature	2555FT (779M) 32 ⁰ .6C
4	Geiod undulation at AD ELEV PSN	21.5 FT
5	Magnetic variation / Annual change	3 ⁰ 55' E / 4' E
6	AD administration, address, telephone, fax, AFS	AMMAN/Marka Airport P.O.Box :7547 AMMAN-JORDAN TEL :4891401-6,4894218 FAX :4892624 AFS :OJAMYDYX
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

OJAM AD 2.3 OPERATIONAL HOURS

1	Aerodrome Administration	H24
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	Air Traffic Service (ATS)	H24
8	Fueling	H24
9	Handling	H24
10	Security	H24
11	De-Icing	Nil
12	Remarks	Nil

OJAM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	One 6 tones Fork Left 14FT High Loader 7 tones, Belt conveyer, sufficient vehicles and handling equipment.
2	Fuel / oil types	Fuel : JET A1.AVGAS 100/130 Oil : all types normally available
3	Fueling facilities/ Capacity	Available H24, No limit.
4	De-icing facilities	Available
5	Hangar space for visiting aircraft	1500M square unheated hangar PPR Door 35x15 M.
6	Repair facilities for visiting aircraft	Saber liner 75A, PA28, B707, B727, B720, B737, and B747.
7	Remarks	Nil

OJAM AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil, available at city.
2	Restaurants	Nil, available at city
3	Transportation	Airport Taxi, Buses and Taxis to Amman.
4	Medical facilities	First aid treatment at AD, Hospitals in Amman 1 NM.
5	Bank Post Office	Available at aerodrome H24 Nil
6	Tourist Office	Nil, available in city center.
7	Remarks	Nil

OJAM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	H24 : CAT 8
2	Rescue equipment	Minimum Range Helicopter , with 73 trained persons
3	Capability for removal of disabled aircraft	Limited equipment available, companies should use IATA pooling arrangement.
4	Remarks	Nil

OJAM AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance Priorities	RWY in use, TWYs, Aprons, and Run-up area.
3	Remarks	Limited equipment is available.

OJAM AD 2.8 APRONS TAXIWAYS AND CHECK LOCATIONS / POSITIONS DATA		
1	Apron surface and strength	<p>Dimensions : 1 Apron 205 x 145M : 3 Apron 85 x 80M : 4 Apron 200 x 110M : 5 Apron 134 x 77 : Royal Falcon Apron 130 x 70M</p> <p>Surface : Asphalt (flexible) Strength : PCN 41/F/C/W/U</p> <p>Dimensions : 2 Apron 150 x 135M : 6 Apron 69 x 49</p> <p>Surface : Concrete (rigid) Strength : PCN 54/R/C/W/U</p> <p>(Apron. Taxiway Military) Dimensions : 562 x 90M Surface : Asphalt and Concrete (rigid + flexible) Strength : PCN 54/R/C/W/U</p>
2	Taxiway width, surface, and strength	<p>(Taxiway A) Width : 38M with shoulders : 23M without shoulders Surface : Asphalt (Flexible) Strength: : PCN 55/F/C/W/U</p> <p>(Taxiway B) Width : 52M with shoulders : 37M without shoulders Surface : Asphalt (Flexible) Strength: : PCN 41/F/C/W/U</p> <p>(Taxiway C) Width : 32M with shoulders : 17M without shoulders Surface : Asphalt (Flexible) Strength: : PCN 41/F/C/W/U</p> <p>(Taxiway D , E) Width : 40M with shoulders : 25M without shoulders Surface : Asphalt (Flexible) Strength: : PCN 54/F/C/W/U</p> <p>(Apron Taxiway F) Width : 125M with shoulders Surface : Asphalt (Flexible) Strength: : PCN 54/F/C/W/U</p>
3	Altimeter checkpoint location and elevation	<p>1- Holding point at THR RWY 06, Elevation 2555 FT 2- Holding point at THR RWY 24, Elevation 2458 FT</p>
4	VOR Check points	Nil
5	INS Check points	<p>INS coordinates of APR Bays 1 315827.41502N 355902.08746E 2480 FT 2 315823.84907N 355854.43889E 2473 FT 3 315817.93272N 355855.81631E 2477 FT 4 315820.16533N 355904.74522E 2483 FT</p>
6	Remarks	Nil

OJAM 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	Taxiing guidance signs at all intersections with TWY and RWY at all holding positions, Except Apron TWY F. Guide lines at all Aprons.
2	RWY and TWY markings and LGT	RWY: Designation, TDZ, centerline, marked and not lighted. THR, edge runway end marked and lighted. TWY: Center line, holding positions at all TWY/RWY intersections, marked and lighted.
3	Stop bars	Nil
4	Remarks	Nil

OJAM AD 2.10 AERODROME OBSTACLES				
Obstacles in Approach and Take off Areas				
RWY	TYPE	ELEV (M)	FROM RWY THR	
			DIST (M)	MAG
06	Building	937	9525	249
	Building	909	8885	247
	Building	940	9430	241
	Building	956	10160	236
	Building	787	480	236
	*Mosque	785	1010	245
	*Tower Building	1152	10125	264
	*Tower Building	1137	10122	263
24	-	-	-	-

Natural obstacles penetrating surfaces off all runways are shown on Aerodrome Obstacle Charts Type A.
*Remarks: Obstacles Lighted.

OJAM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED		
1	Associated MET Office	Amman/Marka
2	Hours of service MET Office outside hours	H24 -----
3	Office responsible for TAF preparation Periods of validity	Marka MET Office 18, 24
4	Trend forecast Interval of issuance	TAF, TREND TAF HOURLY
5	Briefing/consultation provided	P, T, FAX
6	Flight documentation Language(s) used	C, TAF Code Form English
7	Charts and other information available for briefing or consultation	SIG, W.C U "Upper" W "Wind" T ⁰ = TEMP 330,340 390FL, 050, 100, 140, 180, 240, and 300
8	Supplementary equipment available for Providing information	WX Radar APT, WEFAX HRPT of NOAA , AMSS
9	ATS units provided with information	Amman FIC, ACC, RCC
10	Additional information (limitation of service, etc.)	SPECI Warnings

OJAM 2.12 RUNWAY PHYSICAL CHARACTERISTICS					
Designations RWY NR	True & MAG BRG	Dimensions of RWY (M)	Strength(PCN) and surface of RWY and SWY	THR coordinates and THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
06	065 T ° 061 M °	3275 x 45	Runway PCN 55/F/C/W/U Asphalt Flexible	315758.54N 0355833.52E 21.5 FT	THR 2555 FT (778M)
24	245 T ° 241 M °		Stopway Asphalt Flexible	315844.90N 0360025.79E 21.5 FT	THR 2458 FT (749M)
Slopes of RWY-SWY	SWY Dimension (M)	CWY Dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.14(700) + 1.25(400) + 1.27(550) + 1.4(550) + 0.74(400) + 1.28(700)	120 x 45	329 x160	3630 x150	900x150	Nil
	224 x 45	314 x160	3630 x150	Nil	Nil

OJAM AD 2.13 DECLARED DISTANCES					
RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
06	3275	3602	3395	3275	Nil
24	3275	3589	3499	3275	Nil

OJAM AD 2.14 APPROACH AND RUNWAY LIGHTING		
1	RWY Designator	06
2	APPROACH LIGHT	Nil
3	THR LIGHT	
	COLOUR	Green
	WBAR	Green
4	VASIS	Nil
	(MEHT)	22.11M
	PAPI	4 units – 3 DEG- On left side
5	TDZ LIGHT	Nil
6	RWY CENTER LINE LIGHT	Nil
7	RWY EDGE LIGHT	
	LENGTH	3275M
	SPACING	60M
	COLOUR	White
	INTENSITY	6.6A (5 steps)
8	RWY END LIGHT	
	COLOUR	Red
	WBAR	red
9	STOPWAY LIGHT	Nil
10	REMARK	Nil
1	RWY Designator	24
2	APPROACH LIGHT	
	TYPE	CAT 1
	LENGTH	900M
	INTENSITY	6.6A (5 steps)
3	THR LIGHT	
	COLOUR	Green
	WBAR	Green
4	VASIS	Nil
	(MEHT)	18.28M
	PAPI	4 units - 3 DEG – On left Side
5	TDZ LIGHT	Nil
6	RWY CENTER LINE LIGHT	Nil
7	RWY EDGE LIGHT	
	LENGTH	3275M
	SPACING	60M
	COLOUR	white
	INTENSITY	6.6A (5 steps)
8	RWY END LIGHT	
	COLOUR	Red
	WBAR	Red
9	STOPWAY LIGHT	Nil
10	REMARK	Nil

OJAM AD 2.15 OTHER LIGHTING,SECONDARY POWER SUPPLY		
1	ABN/IBN Location, Characteristics and hours of operation	<u>ABN</u> : At TWR building, FLG G + W every 2.5 SEC , available from sunset to sunrise and bad visibility weather . <u>IBN</u> :Nil
2	LDI location and LGT Anemometer location and LGT	Not available Not available
3	TWY Edge and centre line lighting	Edge: All TWY Center line: TWY A, B,C, D, E
4	Secondary power supply Switch-over time	Secondary power supply to all lighting at AD. Switch-over time: 10 SEC
5	Remarks	Nil

OJAM AD 2.16 HELICOPTER LANDING AREA		
1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation M/FT	
3	TLOF and FATO area dimensions, surface, strength, marking	
4	True BRG of FATO	
5	Declared distance available	
6	APP and FATO lighting	
7	Remarks	

OJAM AD 2.17 ATS AIRSPACE		
1	Designation and lateral limits	<u>Control Zones in AMMAN FIR</u> <u>AMMAN CTR</u> 320356.10518N 355159.09688E 320356.10741N 361059.12258E 321026.11481N 362759.14456E 320426.11076N 363659.15768E 315256.09991N 362529.14390E 315256.09547N 354659.09195E
2	Vertical limits	SFC to 5500 FT ALT
3	Airspace classification	C
4	ATS unit call sign Language(s)	Amman TWR English, Arabic
5	Transition altitude	13000 FT AMSL
6	Remarks	Nil

OJAM AD 2.18 ATS COMMUNICATION FACILITIES				
Service designation	Call Sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Amman Tower	118.1 MHZ 118.1 MHZ	H24	Primary Frequency
	SMC	121.7 MHZ 121.7 MHZ	H24	Used for aircraft
		121.9 MHZ 121.9 MHZ	H24	Used for Vehicles
		121.6 MHZ 121.6 MHZ	H24	Used for civil Defence

OJAM AD 2.19 RADIO NAVIGATION AND LANDING AIDS						
Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/MLS, give declination)	ID	FREQ	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	JYO	391 KHZ	H24	320017.21663N 360356.08470E		
DVOR/ DME	AMN	116.3 MHZ CH110X	H24	320014.65594N 360357.55473E		
LLZ RWY 24 ILS CAT I	IAMN	109.5 MHZ	H24	315753.41000N 355821.21440E	748.89M	359M FM THR RWY06.
GP RWY 24		332.6 MHZ	H24	315837.33000N 360017.58000E		Angle 3 DEG. RDH 14.996M.
DME	IAMN	993 MHZ CH32X	H24	315837.33000N 360017.58000E	764M Including Antenna	296M FM THR RWY24. 116M FM CL RWY24.

OJAM AD 2.20 LOCAL TRAFFIC REGULATIONS

AMMAN MARKA TOWER CONTROL

Out - Bound Procedures

1. Start – Up

- 1.1 Ground Controller will request start - up and ATC clearance from TACC for traffic subject to APP.
- 1.2 Ground Controller will advise TWR of traffic starting - up.
- 1.3 TWR will pass ATC clearance to flights not subject to APP (5000' and below)

2. Taxiing and Taxiways.

2.1 GMC will coordinate taxiing traffic with Tower. GMC will release taxiing traffic to Tower before entering the taxiway unless coordinated.

2.2 Helicopter operations will normally take place on TWYA1. Approval may be given by the Tower to use TWY A2 or the Runway, if traffic conditions permit.

2.3 Academies ACFT will normally be cleared to the holding point of the runway in use. For Runway 24, academies ACFT will wait at the holding point for clearance to back track to the loop.

2.3.1 FOR ACADEMIES ACFT, TAKE OFF FROM THE OLD HOLDING POINT OF RWY 24 IS NOT PERMITTED.

If Runway 06 is in use, Academies ACFT can use Taxiway B for holding, lining-up and take-off when requested by the pilot. Take-off from this position for Runway 24 is not permitted.

2.4 ACFT taxiing from parking area will be held before the circle road, and must be warned from circle road traffic.

2.5 Traffic will be permitted to backtrack the runway when traffic conditions permit, however, priority may be given to backtracking ACFT over departing and arriving aircraft in special circumstances. Ex. RJAF operational reasons, Expeditious of IFR traffic, Royal, VIP, Ambulances, etc.

3. Removal of Disabled Aircraft from Runways

Limited equipment available, companies should use IATA pooling arrangement

OJAM AD 2.21 NOISE ABATEMENT PROCEDURE

Aircraft of AEW more than 5700 KGS departing from AMMAN/Marka RWY 24 shall Climb with take-off thrust to 4000 FT at V2 + 10KT, At 4000 FT QNH reduce to climb thrust and continue at V2 + 10KT. At 5500, FT QNH accelerates to normal climbing speed.

OJAM AD 2.22 FLIGHT PROCEDURES

Local Flying Regulations: Aircraft landing on RWY 06 taking off RWY 24 are to avoid Royal Palace and Broadcast Station.

OJAM AD 2.23 ADDITIONAL INFORMATION

NIL

OJAM AD 2.24 CHARTS RELATED TO AN AERODROME		
NR	CHART TYPE	PAGE NR (OJAM)
1	Aerodrome Chart - ICAO	AD 2-19
2	Aerodrome Ground Movement Chart - ICAO	AD 2-23
3	Aerodrome Obstacle Chart-ICAO type A Runway 06	AD 2-25
4	Aerodrome Obstacle Chart-ICAO type A Runway 24	AD 2-25A
5	Standard Departures Instrument Chart ICAO Runway 24	AD 2-31
6	Standard Departures Instrument Chart ICAO Runway 06	AD 2-31A
7	Standard Arrival Instrument Chart – ICAO Runway 24	AD 2-35
8	Standard Arrival Instrument Chart – ICAO Runway 06	AD 2-35A
9	Instrument Approach Chart-ICAO ILS/DME RWY 24	AD 2-37
10	Instrument Approach Chart-ICAO VOR/DME Runway 24	AD 2-37A
11	Instrument Approach Chart-ICAO NDB/DME Runway 24	AD 2-37B