

AD 2. AERODROMES

OEMA AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OEMA — MADINAH/ Prince Mohammad Bin Abdulaziz

OEMA AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	243308.4646N 0394220.1331E
2	<i>Direction and distance from (city)</i>	7 NM Brg 060 Geo
3	<i>Elevation/Reference temperature</i>	2 151 FT/42.1° C
4	<i>MAG VAR/Annual change</i>	2.3° E (1995) /—
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Presidency of Civil Aviation Prince Mohammad Bin Abdulaziz Airport P.O.BOX 124 Al-Madinah Al-Munawarah Saudi Arabia Tel: 04 842 0220 Telefax: 04 842 0020 Telex: 570147 PCAMED SJ AFS: OEMAYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	PPR, except SAUDIA

OEMA AD 2.3 OPERATIONAL HOURS.0

1	<i>AD Administration</i>	H24
2	<i>Customs and immigration</i>	PN – H24
3	<i>Health and sanitation</i>	PN – H24
4	<i>AIS Briefing Office</i>	NIL
5	<i>ATS Reporting Office (ARO)</i>	H24
6	<i>MET Briefing Office</i>	H24
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>	NAVBL
12	<i>Remarks</i>	NIL

OEMA AD 2.4 HANDLING SERVICES AND FACILITIES.0

1	<i>Cargo-handling facilities</i>	By arrangement with Saudi Arabian Airlines
2	<i>Fuel/oil types</i>	Fuel: JET A1/ —
3	<i>Fuelling facilities/capacity</i>	Tankers – Delivery rate variable
4	<i>De-icing facilities</i>	NAVBL
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	PN – Saudia and Handling agents
7	<i>Remarks</i>	NIL

OEMA AD 2.5 PASSENGER FACILITIES.0

1	<i>Hotels</i>	In Town
2	<i>Restaurants</i>	Cafeteria in Departure Lounge
3	<i>Transportation</i>	Buses and Taxis
4	<i>Medical facilities</i>	Clinic at AP Tel : 04 8420136 Hospital in city
5	<i>Bank and Post Office</i>	<i>Bank and Post Office in Airport</i>
6	<i>Tourist Office</i>	Office: - Tel: - Telefax: -
7	<i>Remarks</i>	NIL

OEMA AD 2.6 RESCUE AND FIRE FIGHTING SERVICES.0

1	<i>AD category for fire fighting</i>	CAT 9
2	<i>Rescue equipment</i>	Yes
3	<i>Capability for removal of disabled aircraft</i>	No major recovery equipment of specialized nature. Carriers should utilize IATA pooling system arrangements .
4	<i>Remarks</i>	NIL

OEMA AD 2.7 SEASONAL AVAILABILITY — CLEARING.0

1	<i>Types of clearing equipment</i>	—
2	<i>Clearance priorities</i>	—
3	<i>Remarks</i>	Available all seasons

OEMA AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA.0

1	<i>Apron surface and strength</i>	Surface: Asphalt Strength: PCN 57/F/A/X/T
2	<i>Taxiway width, surface and strength</i>	Width: 23 Surface: Asphalt Strength: All TWY associated with RWY 17/35: PCN 64/F/A/X/T
3	<i>ACL location and elevation</i>	Location: — Elevation: —
4	<i>VOR/INS checkpoints</i>	VOR: — INS: —
5	<i>Remarks</i>	NIL

OEMA AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Parking area nose in push back system, all flight should flow twr instructions.
2	<i>RWY and TWY markings and LGT</i>	Rwy : CL side stripe, ID, THR, TDZ, SWY, DISPL THR Marking TWY : CL, Edge (Marking) Edge LGT
3	<i>Stop bars</i>	Stop bars where appropriate
4	<i>Remarks</i>	NIL

OEMA AD 2.10 AERODROME OBSTACLES.0

<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 Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type Elevation Markings/LGT</i>	<i>Coordinates</i>	NIL * INFO will be provided when available.
a	b	c	a	b	
—	—	—	—	—	

OEMA AD 2.11 METEOROLOGICAL INFORMATION PROVIDED.0

1	Associated MET Office	MADINAH/Prince Mohammad Bin Abdulaziz
2	Hours of service MET Office outside hours	H24 Contact Jeddah CFO 02-65 22173/ 32197 when forecaster not on duty
3	Office responsible for TAF preparation Periods of validity	Jeddah CFO 24 HR
4	Type of landing forecast Interval of issuance	NIL
5	Briefing/consultation provided	P, T
6	Flight documentation Language(s) used	PL, English
7	Charts and other information available for briefing or consultation	S.V. P. W
8	Supplementary equipment available for providing information	WXR APT
9	ATS units provided with information	Madinah APP, TWR
10	Additional information (limitation of service, etc.)	Tel : 04 8420071 FAX: 04 8420040

METEOROLOGICAL DATA

MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAXIMUM	24.1	25.9	29.5	35.2	39.5	34	42.3	43.3	42.4	37.2	30.6	26.2
MINIMUM	12	13	16.3	21.3	25.5	28.4	28.6	29.3	28.1	23	17.5	13.8

MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH

	943	941.9	939.6	938.3	937.1	934.1	933.2	933.5	936.1	940.2	942.2	943.5
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OEMA AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS.0

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
17	169 °GEO 167 °MAG	3 850 × 45	64/F/A/X/T Asphalt	243401.9224N 0394218.9156E DISPL THR, 243401.89N 0394217.91E	2 151 FT 2 150 FT (DISPL)
35	349 °GEO 347 °MAG	3 850 × 45	64/F/A/X/T Asphalt	243216.7068N 0394241.2687E	2 083 FT
18	184 GEO 182 MAG	3 050 × 45	57/F/A/X/T Asphalt	243348.5670N 0394214.1447E	2 144 FT
36	004 GEO 002 MAG	3 050 × 45	57/F/A/X/T Asphalt	243209.667N 0394206.968E	2 079 FT
Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.1 % up to N	120 × 45	300 × 45	—	NIL	main RWY
0.8 % up to S	120 × 45	300 × 45	—	NIL	main RWY
0.64% down	120 × 45	300 × 45	—	NIL	subsidiary RWY
0.64% up	120 × 45	240 × 45	—	NIL	subsidiary RWY

OEMA AD 2.13 DECLARED DISTANCES.0

<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
17	3 850	4 150	3 970	3 300	NIL
35	3 850	4 150	3 970	3 850	NIL
18	3 050	3 350	3 170	3 050	NIL
36	3 050	3 290	3 170	3 050	NIL

OEMA AD 2.14 APPROACH AND RUNWAY LIGHTING.0

<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 Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN (M) colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
17	Calvert M 900 LIH	Green —	3° PAPI	—	—	3850 M — I H	Red —	—	NIL
35	Calvert 900 M LIH	Green —	3° PAPI	—	—	3850 M — I H	Red —	—	NIL
18	SALS M 420	Green —	3° VASIS 3 bar	—	—	3050 M — I H	Red —	—	NIL
36	Calvert M 750 LIH	Green —	3° VASIS 3 bar	—	—	3050 M — I H	Red —	—	NIL

OEMA AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY.0

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: ALT G/W on TWR SS-SR ; O/R
2	<i>LDI location and LGT Anemometer location and LGT</i>	2 WDI LGTD end of RWY 17/35 —
3	<i>TWY edge and centre line lighting</i>	TWY edge
4	<i>Secondary power supply/switch-over time</i>	6 SEC
5	<i>Remarks</i>	Information on Solar Beacons missing . There are 7 ea. Solar Beacons on mountains around airport.

OEMA AD 2.16 HELICOPTER LANDING AREA.0

1	<i>Coordinates TLOF or THR of FATO</i>	See OEMA Prince Mohammad Bin Abdulaziz Aerodrome Chart 1- 243252.0421N 0394144.0585E. 2- 243253.0150N 0394144.0163E.
2	<i>TLOF and/or FATO elevation M/FT</i>	—
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	—
4	<i>True and MAG BRG of FATO</i>	—
5	<i>Declared distance available</i>	—
6	<i>APP and FATO lighting</i>	—
7	<i>Remarks</i>	NIL

OEMA AD 2.17 ATS AIRSPACE.0

1	<i>Designation and lateral limits</i>	MADINAH CTR: Circle with radius of 5 NM centered on OEMA ARP
2	<i>Vertical limits</i>	SFC to 5 500 FT AMSL
3	<i>Airspace classification</i>	D
4	<i>ATS unit call sign Language(s)</i>	CTR: Madinah Tower English and Arabic
5	<i>Transition altitude</i>	13 000 FT
6	<i>Remarks</i>	NIL

OEMA AD 2.18 ATS COMMUNICATION FACILITIES.0

<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	Madinah Approach	124.200 MHZ 278.000 MHZ	H24	PCA
TWR	Madinah Tower	118.300 MHZ 390.600 MHZ		
SMC-A/C VHCL	Ground Control	121.900 MHZ 121.600 MHZ 121.500 MHZ 243.000 MHZ	H24	Emergency Emergency (MIL)

OEMA AD 2.19 RADIO NAVIGATION AND LANDING AIDS.0

Type of aid, CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME/ ATIS	PMA	114.100 MHZ CH 88X	H24	243251.3N 0394218.9E	5953 FT	VOR (ELEV 2120 FT) NOT USABLE AS FLW: FM 020 TO 115 RDL BEYOND 30 NM BLW ALT 6000 FT FM 225 TO 260 RDL BEYOND 10 NM BLW FL155 FM 260 TO 280 RDL BEYOND 20 NM BLW ALT 13000 FT FM 280 TO 300 RDL BEYOND 10 NM BLW FL250
LLZ RWY 36 GP	IPMA	110.500 MHZ	H24	243359.4776N 0394214.9448E		RWY 36 ILS CAT I ANGLE 3°
DME	IPMA	329.600 MHZ	H24	243218.2859N 0394212.2236E		HGT OF ILS REF DATUM 54 FT TCH CH 42X
LLZ RWY 17 GP	INAH	111.700 MHZ	H24	243207.4374N 0394243.2367E		
LLZ RWY 35 GP	IDIN	111.300 MHZ	H24	243352.3245N 0394225.2983E		
		332.300 MHZ	H24	243428.4686N 0394213.2733E		
			H24	243226.3125N 0394243.5749E		

OEMA AD 2.20 LOCAL TRAFFIC REGULATIONS

Not available. See also OEMA Prince Mohammad Bin Abdulaziz Aerodrome Chart.

OEMA AD 2.21 NOISE ABATEMENT PROCEDURES

Not available.

OEMA AD 2.22 FLIGHT PROCEDURES

See OEMA Prince Mohammad Bin Abdulaziz Instrument Approach Charts and Standard Departure Charts — Instrument (SID).

OEMA AD 2.23 ADDITIONAL INFORMATION

1. Bird concentration in the vicinity of the airport

Due to bird strike and bird concentration in the airport, pilots are requested to exercise extreme caution during take-off and landing.

2. Wind Shear Phenomenon at Prince Mohammad Bin Abdulaziz Aerodrome (Madinah)

Meteorological Authority has decided to study the wind shear phenomenon at Prince Mohammad Bin Abdulaziz Aerodrome. Therefore, pilots experiencing wind shear are requested to report time and altitude of wind shear in their post flight report to ATS unit at Prince Mohammad Bin Abdulaziz Aerodrome .

3. Landing and Taking off at Prince Mohammad Bin Abdulaziz Aerodrome (Madinah)

During landing or taking off of wide body aircraft on runway 18/36, taxiing on parallel taxiway is not allowed. Preferential runway 35/17 for take off and landing - use of runway 36/18 take off or landing may be approved however delay may be experienced .

OEMA AD 2.24 CHARTS RELATED TO AN AERODROME

	<i>Page</i>
Aerodrome chart	AD 2-21- 9
Main Apron	AD 2.21-9A
Royal Apron & Remote Area	AD 2.21-9B
Area chart - Prince Mohammad Bin Abdulaziz	AD 2-21-11
 Standard Departure Charts - Instrument:	
SID ONE, RWY 35/36	AD 2.21-13
SID TWO, RWY 35/36	AD 2.21-15
SID THREE, RWY 17/18	AD 2.21-17
SID FOUR, TWY 17/18	AD 2.21-19
 Instrument Approach Charts :	
ILS/DME, RWY 17	AD 2.21-21
ILS/DME, RWY 35	AD 2.21-23
ILS/DME, RWY 36	AD 2.21-25
VOR/DME or RWY 17	AD 2.21-27
VOR/DME or RWY 18	AD 2.21-29
VOR/DME or RWY 35	AD 2.21-31
VOR/DME or RWY 36	AD 2.21-33
VOR, RWY 35	AD 2.21-35
VOR, RWY 36	AD 2.21-37