

AD 2. AERODROMES

OEDF AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OEDF — DAMMAM / King Fahd International

OEDF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	<i>ARP coordinates and site at AD</i>	262816.3113N 0494752.4404E / 770 M/345° From Tower
2	<i>Direction and distance from (city)</i>	30 KM W of Dammam
3	<i>Elevation/Reference temperature</i>	72 FT/46.1°C (July)
4	<i>MAG VAR/Annual change</i>	2°E/—
5	<i>AD Administration, address, telephone, telefax, telex, AFS</i>	Presidency of Civil Aviation King Fahd International Airport PO Box 3477 Dammam 31471, Saudi Arabia Tel: 03 883 1000 Telefax: 03 883 1900 Telex: 895011 KFIA SJ AFS: OEDFYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	NIL

OEDF AD 2.3 OPERATIONAL HOURS.0

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>	H24
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>	Not applicable
12	<i>Remarks</i>	When Operational

OEDF AD 2.4 HANDLING SERVICES AND FACILITIES

1	<i>Cargo-handling facilities</i>	Apron 2 (cargo)
2	<i>Fuel/oil types</i>	Jet A-1, AVGAS 100/130/Turbine/Turbo-Prop Oil
3	<i>Fuelling facilities/ capacity</i>	Hydrants at Terminal Gates-Tanker/ elsewhere no limits.
4	<i>De-icing facilities</i>	Not applicable
5	<i>Hangar space for visiting aircraft</i>	NIL
6	<i>Repair facilities for visiting aircraft</i>	Prior notice required.
7	<i>Remarks</i>	NIL

OEDF AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	At airport and Unlimited at Dammam and Al-khobar.
2	<i>Restaurants</i>	H24 in Passenger Terminal
3	<i>Transportation</i>	Taxi, Limousine, Bus and Rental Car
4	<i>Medical facilities</i>	Ministry of Health in PAX Terminal, Clinic in Administration BLDG.
5	<i>Bank and Post Office</i>	NIL
6	<i>Tourist Office</i>	Office - Tel: - Telefax: -
7	<i>Remarks</i>	NIL

OEDF AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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 equipment of a specialized nature is on site. Air carriers should utilize IATA pooling system arrangements.
4	<i>Remarks</i>	NIL

OEDF AD 2.7 SEASONAL AVAILABILITY — CLEARING

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

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

1	<i>Apron surface and strength</i>	Surface: Concrete Strength: PCN 64/R/B/X/T – 747
2	<i>Taxiway width, surface and strength</i>	Width: Cross TWY-30M; Parallel TXY-23M; other TWY-28M Surface: Asphalt Strength: PCN 103/F/A/X/T
3	<i>ACL location and elevation</i>	Location: Terminal Apron (see Aircraft Parking/Docking Chart) Elevation: 62 FT
4	<i>VOR/INS checkpoints</i>	VOR: NIL INS: See Aircraft Parking/Docking Chart
5	<i>Remarks</i>	NIL

OEDF 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>	Internally Lighted Guidance Sign Boards at Entrances to all RWY, at approaches to Ramps & Intersections of TWYs. Centerline Guidance System for Docking & Parking.
2	<i>RWY and TWY markings and LGT</i>	RWY: CL, edge, THR and TDZ TWY: CL with edge LGT on radius and apron LGT
3	<i>Stop bars</i>	Provided where appropriate
4	<i>Remarks</i>	See also Aerodromes Lighting, Parking/Docking & Apron Charts

OEDF 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 Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type Elevation Markings/LGT</i>	<i>Coordinates</i>	NIL
a	b	c	a	b	
ALL	Control TWR 349 FT MSL	262752N 0494801E**			

See Aerodrome Obstacle Charts - ICAO Type A and Precision Approach Terrain Chart.

OEDF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED.0

1	<i>Associated MET Office</i>	DAMMAM Meteorological Office
2	<i>Hours of service MET Office outside hours</i>	H24 OEDF
3	<i>Office responsible for TAF preparation Periods of validity</i>	OEDR TAF/0024, 0626, 1212, 1818.
4	<i>Type of landing forecast Interval of issuance</i>	Long TAF Every 6 hours
5	<i>Briefing/consultation provided</i>	As requested by crew
6	<i>Flight documentation Language(s) used</i>	English (East, West Bounds & Local)
7	<i>Charts and other information available for briefing or consultation</i>	Surface & upper Air Analyzed Charts, Projects Charts, Satellite Image & OEDF Radio Sound.
8	<i>Supplementary equipment available for providing information</i>	Co-Master AFTN Circuit, Telex Fax & Radar.
9	<i>ATS units provided with information</i>	AFTN Hotline (Metars, Specs, TAFs)
10	<i>Additional information (limitation of service, etc.)</i>	TEL : (966) 3 883 6152

METEOROLOGICAL DATA												
MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)												
TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAXIMUM	20.9	22.7	25.6	32.4	38.8	42.2	43.2	42.5	40.3	35.9	29.4	24
MINIMUM	10.6	12.1	14.8	19.5	24.4	27.7	29.1	28.8	25.9	27.7	17.2	12.7
MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH												
	1016.1	1014	1011.5	1008.2	1004.1	998	994.6	996.8	1002.3	1009.1	1013.6	1016.1

AIRAC AMDT 01/06
AVIATION

PRESIDENCY OF CIVIL

OEDF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS.0

<i>Designations RWY NR</i>	<i>TRUE & MAG BRG</i>	<i>Dimensions of RWY (M)</i>	<i>Strength (PCN) and surface of RWY and SWY</i>	<i>THR coordinates</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
1	2	3	4	5	6
16L	164 °GEO 162 °MAG	4 000 × 60	103/F/A/X/T Asphalt	262918.8677N 0494813.3339E	59 FT
34R	344 °GEO 342 °MAG	4 000 × 60	103/F/A/X/T Asphalt	262713.6443N 0494851.9974E	72 FT
16R	164 °GEO 162 °MAG	4 000 × 60	103/F/A/X/T Asphalt	262918.9700N 0494652.8717E	48 FT
34L	344 °GEO 342 °MAG	4 000 × 60	103/F/A/X/T Asphalt	262713.7514N 0494731.5580E	56 FT
<i>Slope of RWY-SWY</i>	<i>SWY dimensions (M)</i>	<i>CWY dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>OFZ</i>	<i>Remarks</i>
7	8	9	10	11	12
Up 0.212%	NIL	NIL	4 120 x 300	NIL	NIL
Down 0.212%	NIL	NIL	4 120 x 300	NIL	NIL
Up 0.140%	NIL	NIL	4 120 x 300	NIL	NIL
Down 0.140%	NIL	NIL	4 120 x 300	NIL	NIL

OEDF 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
16L	4 000	4 000	4 000	4 000	NIL
34R	4 000	4 000	4 000	4 000	NIL
16R	4 000	4 000	4 000	4 000	NIL
34L	4 000	4 000	4 000	4 000	NIL

OEDF 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
16L	ALSF-II 900 M LIH	Green Yes	PAPI 3°	900 M White	4000 M 15 M White LIH	4000 M 60 M White/Yellow LIH	Red -	Nil	see also Aerodrome Lighting Charts
34R	ALSF-II 900 M LIH	Green Yes	PAPI 3°	900 M White	4000 M 15 M White LIH	4000 M 60 M White/Yellow LIH	Red -	Nil	
16R	ALSF-II 900 M LIH	Green Yes	PAPI 3°	900 M White	4000 M 15 M White LIH	4000 M 60 M White/Yellow LIH	Red -	Nil	
34L	ALSF-II 900 M LIH	Green Yes	PAPI 3°	900 M White	4000 M 15 M White LIH	4000 M 60 M White/Yellow LIH	Red -	Nil	

OEDF AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: FLG W/G every 5 SEC, 3000 M East of TWR H24
2	<i>LDI location and LGT Anemometer location and LGT</i>	LDI: WDI at Mid Field & Touchdown Safety Area of each RWY, Externally Lighted.
3	<i>TWY edge and centre line lighting</i>	Edge : Blue Centre line : Green
4	<i>Secondary power supply/switch-over time</i>	CAT II Criteria
5	<i>Remarks</i>	2 standby generators in each Airfield Lighting substation. 2 substations per RWY.

OEDF AD 2.16 HELICOPTER LANDING AREA.0

1	<i>Coordinates TLOF or THR of FATO</i>	NE corner of Royal Terminal Apron: 262720.81N 0494929.68E**
2	<i>TLOF and/or FATO elevation M/FT</i>	66 FT MSL
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	Concrete, PCN 64/R/B/X/T H, STD Helipad Mrkg
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>	45M x 45M, concrete, PCN 64/R/B/X/T

OEDF AD 2.17 ATS AIRSPACE.0

1	<i>Designation and lateral limits</i>	KING FAHD CTR: The OEDF Control Zone (CTR) is that airspace contained within an 10 NM radius centered on the OEDF Airport Reference Point (ARP) .
2	<i>Vertical limits</i>	SFC TO 2 500 FT AGL
3	<i>Airspace classification</i>	Class C
4	<i>ATS unit call sign Language(s)</i>	English
5	<i>Transition altitude</i>	13 000 FT
6	<i>Remarks</i>	

OEDF 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
TMA/RADAR	Dammam Approach	126.300 MHZ	H24	VHF UPPER APPROACH
		374.400 MHZ	H24	UHF UPPER APPROACH
		126.100 MHZ	H24	VHF LOWER APPROACH
		382.200 MHZ	H24	UHF LOWER APPROACH
		125.000 MHZ	H24	VHF ARR/DEP
		369.700 MHZ	H24	UHF ARR/DEP
		121.500 MHZ	H24	VHF EMERGENCY
TWR	Dammam TWR	243.000 MHZ	H24	UHF EMERGENCY
		124.350 MHZ	H24	VHF TWR WEST
		345.000 MHZ	H24	UHF TWR WEST
SMC	Ground Control	118.200 MHZ	H24	VHF TWR EAST
		121.650 MHZ	H24	VHF GND EAST
		121.750 MHZ	H24	VHF GND WEST
		345.000 MHZ	H24	UHF TWR/GND WEST

OEDF AD 2.19 RADIO NAVIGATION AND LANDING AIDS.0

<i>Type of aid, CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Site of transmitting antenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
DVORTAC	KFA	112.500 MHZ CH 72X		262153.3N 0494910.2E	66 FT	
LLZ 16R ILS CAT I	IWSR	108.100 MHZ		262700.47432N 0494735.50273E		
GP		334.700 MHZ		262907.84096N 0494651.46845E		GPA 3° RDH 54FT (TCH)
LLZ 34L ILS CAT I	IWMR	108.900 MHZ		262931.67599N 0494648.78711E		
GP		329.300 MHZ		262722.38322N 0494724.05194E		GPA 3° RDH 54FT (TCH)
LLZ 16L ILS CAT I	IMBF	111.7 MHZ		262702.530N 0494855.428E		
GP		333.5 MHZ		262910.207N 0494820.506E		GPA 3° RDH 54FT (TCH)
LLZ 34R ILS CAT I	IABF	110.7 MHZ		262929.982N 0494809.902E		
GP		330.2 MHZ		262725.050N 0494852.972E		GPA 3° RDH 54FT (TCH)

OEDF AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

OEDF AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OEDF AD 2.22 FLIGHT PROCEDURES

NIL

OEDF AD 2.23 ADDITIONAL INFORMATION

NIL

OEDF AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart	AD 2.8-9
Aircraft Parking/ Docking Chart - ICAO - Passenger Terminal Apron - Apron 1	AD 2.8-11
Aircraft Docking Chart - ICAO - Passenger Terminal.....	AD 2.8-13
Royal Aircraft Parking/Docking Chart - ICAO - Royal Terminal Apron - Apron 8	AD 2.8-15
Aircraft Parking/Docking Chart - ICAO - Air Cargo Apron - Apron 2.....	AD 2.8-17
Aircraft Parking/Docking Chart - ICAO - ARAMCO Apron - Apron 5	AD 2.8-19
Aerodrome Ground Movement Chart — ICAO	AD 2.8-21
Aerodrome Obstacle Chart — ICAO RWY 16L/34R Type A	AD 2.8-23
Aerodrome Obstacle Chart — ICAO RWY 16R/34L Type A.....	AD 2.8-25
Aerodrome Lighting Chart – ICAO.....	AD 2.8-27
Precision Approach RWY 16L/34R.....	AD 2.8-29
Precision Approach RWY 16R/34L.....	AD 2.8-31
Area Chart Bahrain/Dammam	AD 2.8-31A
SID ALPHA, RWY 34L (Text).....	AD 2.8-32
SID ALPHA, RWY 34L	AD 2.8-33
SID BRAVO, RWY 34R (Text).....	AD 2.8-34
SID BRAVO, RWY 34R.....	AD 2.8-35
SID CHARLIE RWY 16L (Text).....	AD 2.8-36
SID CHARLIE RWY 16L	AD 2.8-37
SID DELTA RWY 16R (Text)	AD 2.8-38
SID DELTA RWY 16R	AD 2.8-39
RADAR DEPARTURE 1A/1B, RWY 34L/34R	AD 2.8-40
SID RADAR RWY 34L/34R.....	AD 2.8-40A
<u>Instrument Approach Charts :</u>	
ILS/DME, RWY 16R.....	AD 2.8-41
ILS/DME, RWY 34L	AD 2.8-43
ILS/DME, RWY 16L.....	AD 2.8-45
ILS/DME, RWY 34R.....	AD 2.8-47
VOR/ DME, RWY 16R	AD 2.8-49
VOR/DME, RWY 34L	AD 2.8-51
VOR, DME, RWY 34R	AD 2.8-53.
VOR/DME RWY 16L.....	AD 2.8-55