

**AD 2. AERODROMES**

**OERK AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

OERK — RIYADH/King Khaled International

**OERK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	245745.519N 0464228.946E, 1683 M/ 159° GEO from THR RWY 15L
2	<i>Direction and distance from (city)</i>	35 KM North
3	<i>Elevation/Reference temperature</i>	2 049 FT/42.3°C (July)
4	<i>MAG VAR/Annual change</i>	2° E/ -
5	<i>AD Administration, address, telephone, telefax, telex, AFS,ADM</i>	Presidency of Civil Aviation Airport Director P.O. Box 12531 Riyadh, 11483 Saudi Arabia Tel: 01 221 2710 Tel: 01 221 1313 Telefax: 01 221 1637 Telex: 405260 KKIA SJ AFS: OERKYDYX
6	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
7	<i>Remarks</i>	Smoking is prohibited at all airport facilities

**OERK AD 2. 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>	NIL

**OERK AD 2.4 HANDLING SERVICES AND FACILITIES.0**

1	<i>Cargo-handling facilities</i>	Cargo terminal with: i) 3 docking stations with loading/unloading facilities ii) 1 docking station without loading/unloading facilities
2	<i>Fuel/oil types</i>	Jet A1, AVGAS 100/130/Turbine/Turbo prop oil grades available
3	<i>Fuelling facilities/capacity</i>	Bowsers on General Aviation Apron. Hydrants on main aprons AVGAS for refueling 3 hours in advance.
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

**OERK AD 2.5 PASSENGER FACILITIES.0**

1	<i>Hotels</i>	Sahara Airport Hotel, telephone: 01 220 4500
2	<i>Restaurants</i>	Ample in various terminals
3	<i>Transportation</i>	Bus, taxi and limousine
4	<i>Medical facilities</i>	36-bed hospital in airport & First Aid clinic is available at the terminal building
5	<i>Bank and Post Office</i>	At airport and unlimited in city
6	<i>Tourist Office</i>	Office - Tel: - Telefax: -
7	<i>Remarks</i>	NIL

**OERK 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

**OERK 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

**OERK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	<i>Runway surface and strength</i>	Surface: Asphalt Strength: 70/F/B/W/T
2	<i>Taxiway width, surface and strength</i> <i>A. Taxiway for airline traffic</i>  <i>B. Taxiways for GA traffic and angled exit taxiways</i>	Width: 23 M/28 M Surface: Asphalt Strength: PCN 70/F/B/W/T  Surface: Asphalt Strength: PCN 50/F/B/W/T
3	<i>Apron surface and strength</i> <i>A. Passenger, Royal and cargo terminal apron</i>  <i>B: GA and Security apron</i>	Surface: Concrete Strength: PCN 63/R/B/W/T  Surface: Concrete Strength: PCN 60/R/B/W/T
4	<i>ACL location and elevation</i>	Location: See(1) Aircraft Parking/Docking/Docking Chart,(2) Cargo Apron Chart and General Aviation Apron Chart Elevation: (1) 2035 FT, (2) 2045 FT, (3) 2025 FT
5	<i>VOR/INS checkpoints</i>	VOR: NIL INS: See AD Chart & Aerodrome Parking/Docking Chart
6	<i>Remarks</i>	Pilot exercise caution on taxiway H3 due to obstruction inside the safety area.

**OERK 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 and intersections of taxiways. Centre line guidance system for docking and parking.
2	<i>RWY and TWY markings and LGT</i>	See Aerodrome Lighting Chart RWY/TWY System 15L-33R and 15R-33L
3	<i>Stop bars</i>	Stop bars where appropriate.
4	<i>Remarks</i>	See also Aerodrome Chart, Aircraft Parking/Docking Charts, Apron Charts. Aiming point marking is located 400 meters from runway threshold as per the new ICAO standards. ←

**OERK 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>		
A	b	c	a	b		
15R	PCA receiving antenna (frangible) 2 126.5 FT marked and lighted	629 M/255° from THR)	-	-		
See also Aerodrome Obstacle Charts — ICAO Type A and Precision Approach Terrain Charts — ICAO						

**OERK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET Office</i>	RIYADH/King Khaled International
2	<i>Hours of service MET Office outside hours</i>	H24
3	<i>Office responsible for TAF preparation Periods of validity</i>	Jeddah Central Forecast Office (CFO) 24 HR
4	<i>Type of landing forecast Interval of issuance</i>	TEND, Routine
5	<i>Briefing/consultation provided</i>	P, T, TV
6	<i>Flight documentation Language(s) used</i>	C, PL English
7	<i>Charts and other information available for briefing or consultation</i>	S, U, P, W
8	<i>Supplementary equipment available for providing information</i>	WXR, APT Self-briefing terminal
9	<i>ATS units provided with information</i>	Riyadh TWR & APP
10	<i>Additional information (limitation of service, etc.)</i>	Telephone: 01 221 1574/ 01 221 1575 Jeddah MWO: Tel(s). 02 653 2137 & 653 2197. Fax. 02 653 0197

**METEOROLOGICAL DATA****MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)**

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>MAXIMUM</b>	19.7	22.9	26.5	33.1	39.1	42.8	43.2	43.4	40.6	35.4	29.1	22.7
<b>MINIMUM</b>	6.9	9.2	12.5	17.8	22.7	24.8	25.7	25.6	22.6	18.1	13.8	8.6

**MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH**

	948.5	946.7	944.8	943	940.6	936.3	934	935.6	939.8	944.9	947	949
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**OERK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS.0**

<i>Designations RWY NR</i>	<i>TRUE &amp; 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
15L	150° GEO 148° MAG	4 205 × 60	70/F/B/W/T Asphalt	245836.6630N 0464207.2176E	2 032.95 FT
33R	330° GEO 328° MAG	4 205 × 60	70/F/B/W/T Asphalt	245638.2731N 0464322.0775E	2 011.78 FT
15R	150° GEO 148° MAG	4 205 × 60	70/F/B/W/T Asphalt	245815.3667N 0464029.5683E	2 048.58 FT
33L	330° GEO 328° MAG	4 205 × 60	70/F/B/W/T Asphalt	245616.9740N 0464144.4669E	2 032.57 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
0.154% down	NIL	NIL	4 325 × 300	NIL	NIL
0.154% up	NIL	NIL	4 325 × 300	NIL	NIL
0.117% down	NIL	NIL	4 325 × 300	NIL	NIL
0.117% up	NIL	NIL	4 325 × 300	NIL	NIL

**OERK 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
15L	4 205	4 205	4 205	4 205	NIL
33R	4 205	4 205	4 205	4 205	NIL
15R	4 205	4 205	4 205	4 205	NIL
33L	4 205	4 205	4 205	4 205	NIL

**OERK AD 2.14 APPROACH AND RUNWAY LIGHTING.0**

<i>RWY Designator</i>	<i>APCH LGT type</i> <i>LEN</i> <i>INTST</i>	<i>THR LGT colour</i> <i>WBAR</i>	<i>VASIS (MEHT)</i> <i>PAPI</i>	<i>TDZ, LGT</i> <i>LEN</i>	<i>RWY Centre Line LGT</i> <i>LEN, spacing</i> <i>colour;</i> <i>INTST</i>	<i>RWY edge LGT</i> <i>LEN,</i> <i>spacing</i> <i>colour</i> <i>INTST</i>	<i>RWY End LGT</i> <i>colour</i> <i>WBAR</i>	<i>SWY LGT</i> <i>(M)</i> <i>colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
15R	ALSF-II 900M LIH	Green -	VASIS 3 bar 16 unit 3° GP angle	HI 900 M	4205 M - White LIH	4205 M - White HI	Red	NIL	See also Aerodrome Lighting Chart
15L	ALSF-II 900M LIH	Green -	VASIS 3 bar 16 unit 3° GP angle	HI 900 M	4205 M - White LIH	4205 M - White HI	Red	NIL	
33R	ALSF-II 900M LIH	Green -	VASIS 3 bar 16 unit 3° GP angle	HI 900 M	4205 M - White LIH	4205 M - White HI	Red	NIL	
33L	ALSF-II 900M LIH	Green -	VASIS 3 bar 16 unit 3° GP angle	HI 900 M	4205 M - White LIH	4205 M - White HI	Red	NIL	

**OERK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY.0**

1	<i>ABN/IBN location, characteristics and hours of operation</i>	Double-end rotating beacon producing alternate clear and green flashes of lights. Located 100 meters northeast of the fuel farm. Mounted on a steel tower, 31.4 meters high. H24
2	<i>LDI location and LGT</i> <i>Anemometer location and LGT</i>	Illuminated windsocks located adjacent to each runway. Located at approximately midpoint of the runway and at each runway end.
3	<i>TWY edge and centre line lighting</i>	TWY center line, green. Hi-Speed Exit Centerline Lights are altering yellow and green.
4	<i>Secondary power supply/switch-over time</i>	CAT I standards. Switch-over within 15 SEC.
5	<i>Remarks</i>	Standby generator in each airfield lighting sub-station, 2 sub-stations per RWY.

**OERK AD 2.16 HELICOPTER LANDING AREA.0**

1	<i>Coordinates TLOF or THR of FATO</i>	Helipad: part of Royal Terminal Apron System 245716.7582N 0464136.6779E
2	<i>TLOF and/or FATO elevation M/FT</i>	—
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	50 × 34 M Concrete, PCN 16/R/B/W/T
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>	King Faisal Specialist Hospital 2440.20N 4640.78E Elev. 597.22 M.

**OERK AD 2.17 ATS AIRSPACE.0**

1	<i>Designation and lateral limits</i>	Riyadh Control Zone (CTR): Circle radius 10 NM, centered on 245745.519N 0464228.946E.
2	<i>Vertical limits</i>	From SFC to 4 500 FT AMSL
3	<i>Airspace classification</i>	C
4	<i>ATS unit call sign Language(s)</i>	Riyadh Approach/ King Khaled Tower English and Arabic
5	<i>Transition altitude</i>	13 000 FT
6	<i>Remarks</i>	NIL

**OERK 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	
CTA	Riyadh Control	126.000 MHZ	H24	EN-ROUTE PRIMARY	PCA (Joint user)
		340.600 MHZ	H24		
		128.500 MHZ	H24	EN-ROUTE SECONDARY	
		385.100 MHZ	H24		
		125.600 MHZ	H24	MIL USE	
		277.150 MHZ	H24	MIL USE	
		125.550 MHZ	H24	MIL USE	
		344.300 MHZ	H24	MIL USE	
		118.200 MHZ	H24	MIL	
TMA/RADAR	Riyadh Approach	120.000 MHZ	H24	PRIMARY	
		339.400 MHZ	H24	SECONDARY	
		124.100 MHZ	H24		
		343.400 MHZ	H24		
FINAL		359.200 MHZ	H24	EMERGENCY	
		121.500 MHZ	H24		
		243.000 MHZ	H24		
TWR	King Khaled TWR	118.600 MHZ	H24	TWR EAST	
		342.200 MHZ	H24	TWR WEST	
		118.800 MHZ	H24		
		342.600 MHZ	H24		
SMC	Ground West	121.700 MHZ	H24		
		339.100 MHZ	H24		
	Ground East	121.600 MHZ	H24		
		348.600 MHZ	H24		
	GND Movement	121.800 MHZ	H24		
335.700 MHZ		H24			



**OERK AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

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
DVORTAC/ ATIS	KIA	113.300 MHZ CH 80X		245309.7656N 0464533.8142E 148°/4 NM	1959.55 FT FM THR RWY 33R on CL	
TMA RADAR				245853.8840N 0464343.6620E		
VOLMET	KKIA WX	126.400 MHZ	H24	245629.9035N 0464327.3630E	2033 FT	Exercise care in selecting correct ILS for assigned RWY as more than one ILS OPR simultaneously
LLZ 15L ILS CAT I	IELF	109.500 MHZ	H24	245828.9368N 0464217.0421E		FRONT SECTOR COVERAGE ANGLE ± 35°
GP		332.600 MHZ				GPA 3° RDH 55 FT (TCH) HGT OF POINT C 100 FT
			H24	Co-located with GP		
DME	IELF	CH32X		245608.6084N 0464149.7559E	2048.58 FT	
LLZ 15R ILS CAT I	ITIH	110.500 MHZ	H24	245804.3227N 0464031.6132E		FRONT COURSE SECTOR ANGLE ±35°
GP		329.600 MHZ				GPA 3° RDH 55 FT (TCH) HGT OF POINT C 100 FT
			H24	Co-located with GP		
DME	ITIH	CH42X		2455823.7256N 0464024.2751E	2046.94 FT	
LLZ 33L ILS CAT I	IFAT	110.100 MHZ	H24	245623.6244N 0464135.3187E		FRONT COURSE SECTOR ANGLE ±35°
GP		334.400 MHZ				GPA 3° RDH 55 FT (TCH) HGT OF POINT C 103 FT
			H24	Co-located with GP		
DME	IFAT	CH38X		2455845.0458N 0464201.9076E	2022.94 FT	
LLZ 33R ILS CAT I	IKIA	109.100 MHZ	H24	245649.1924N 0464320.1149E		FRONT COURSE SECTOR ANGLE ±35°
GP		331.400 MHZ				GPA 3° RDH 55 FT (TCH) HGT OF POINT C 106 FT
			H24	Co-located with GP		
DME	IKIA	CH28X				

### **OERK AD 2.20 LOCAL TRAFFIC REGULATIONS**

See Riyadh/King Khaled International Parking/Docking Charts.

### **OERK AD 2.2 NOISE ABATEMENT PROCEDURES**

Not available at this time.

### **OERK AD 2.22 FLIGHT PROCEDURES**

RWY 33R, 15R: Right hand circuit.

RWY 33L, 15L: Left hand circuit.

See OERK King Khaled International Instrument Approach Charts and Standard Instrument Departure (SID) Charts.

### **OERK AD 2.23 ADDITIONAL INFORMATION**

No additional information at this time.

**OERK AD 2.24 CHARTS RELATED TO AN AERODROME**

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