

50001

4100'

MSA KIA VOR

OERK/RUH KING KHALED INTL

Apt Elev

2049'

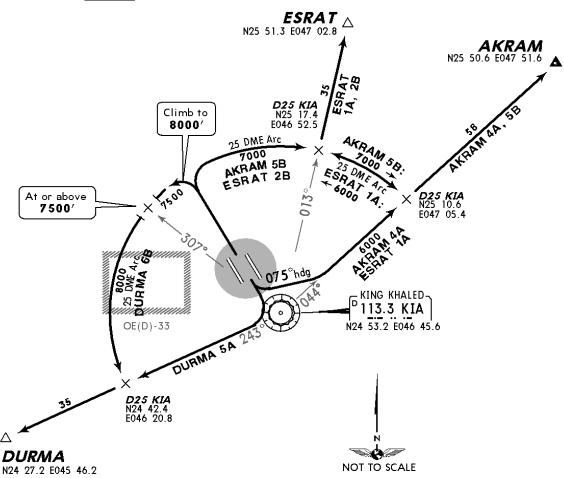
SJEPPESEN RIYADH, SAUDI ARABIA
9 NOV 07 (20-3) Eff 22 Nov SID

Trans level: FL150 Trans alt: 13000'

AKRAM FOUR ALFA (AKRAM 4A) [AKRA4A]
AKRAM FIVE BRAVO (AKRAM 5B) [AKRA5B]
DURMA FIVE ALFA (DURMA 5A) [DURM5A]
DURMA SIX BRAVO (DURMA 6B) [DURM6B]
ESRAT ONE ALFA (ESRAT 1A) [ESRA1A]
ESRAT TWO BRAVO (ESRAT 2B) [ESRA2B]

RWYS 15L/R, 33L/R DEPARTURES CAUTION: BE AWARE OF OE(D)-33 ACTIVITY

5235 MAX 250 KT BELOW 10000



Initial climb clearance

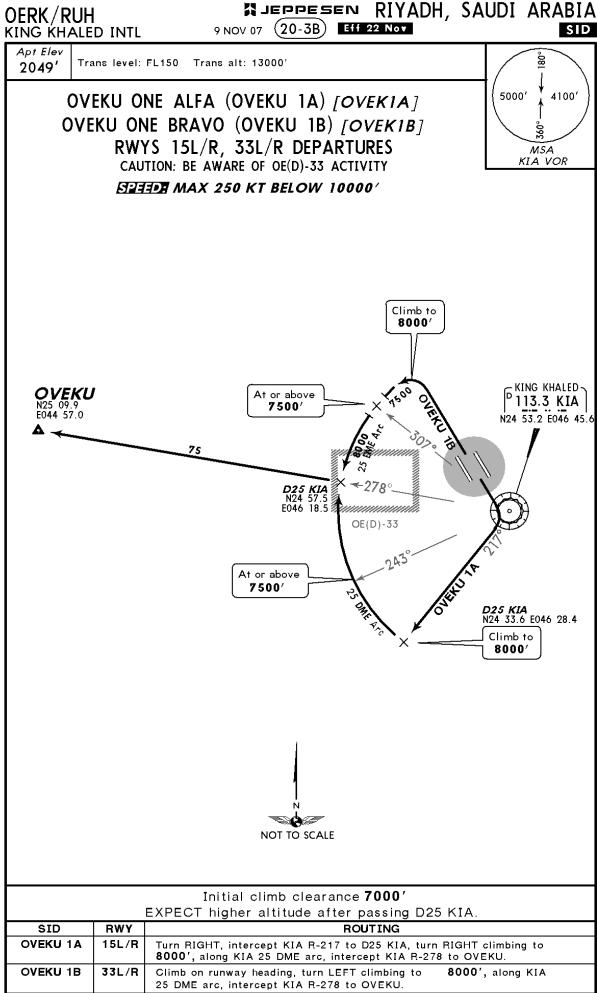
AKRAM 4A, ESRAT 1A: 6000'/AKRAM 5B, DURMA 5A, 6B, ESRAT 2B: 7000'
All SIDs: EXPECT higher altitude after passing D25 KIA.

SID	RWY	ROUTING			
AKRAM 4A	15L/R	Turn LEFT immediately, 075° heading, intercept KIA R-044 to AKRAM.			
AKRAM 5B	33L/R	Climb on runway heading, turn RIGHT, along KIA 25 DME arc, intercept KIA R-044 to AKRAM.			
DURMA 5A	15L/R	Turn RIGHT, intercept KIA R-243 to DURMA.			
DURMA 6B	33L/R	Climb on runway heading, turn LEFT climbing to 8000 ', along KIA 25 DME arc, intercept KIA R-243 to DURMA.			
ESRAT 1A	15L/R	Turn LEFT immediately , 075° heading, intercept KIA R-044 to D25 KIA, turn LEFT, along KIA 25 DME arc, intercept KIA R-013 to ESRAT.			
ESRAT 2B	33L/R	Climb on runway heading, turn RIGHT, along KIA 25 DME arc, intercept KIA R-013 to ESRAT.			

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008 RIYADH, SAUDI ARABIA **MALEPPESEN** OERK/RUH 9 NOV 07 (20-3A) Eff 22 Nov KING KHALED INTL Apt Elev Trans level: FL150 Trans alt: 13000' 20491 GOBMO ONE ALFA (GOBMO 1A) [GOBM1A] 5000' 4100' GOBMO TWO BRAVO (GOBMO 2B) [GOBM2B] KITUB TWO ALFA (KITUB 2A) [KITU2A] MSA KITUB TWO BRAVO (KITUB 2B) [KITU2B] KIA VOR KOBOX ONE ALFA (KOBOX 1A) [KOBO1A] KOBOX TWO BRAVO (KOBOX 2B) [KOBO2B1 RWYS 15L/R, 33L/R DEPARTURES CAUTION: BE AWARE OF OE(D)-33 ACTIVITY **GOBMO** 512111 MAX 250 KT BELOW 10000' N26 10.2 E045 26.3 Climb to **①** 7500 80007 **D25 KIA** N25 11.5 E046 26.8 25 DME 4, GOBMO 14: KOBOX 28: 7000 **D25 KIA** N25 10.6 E047 05.4 At or above 7500 D25 KIA N25 05.3 E047 09.7 075° hdg KOBOX **D25 KIA** N24 59.1 E047 12.3 OE(D)-33 E047 49.8 KING KHALED 113.3 KIA N24 53.2 E046 45.6 **D10 KIA** N24 44.3 E046 50.7 At 6000' **D25 KIA** N24 28.4 E046 41.2 NOT TO SCALE KITUB N22 49.4 E046 23.7 Initial climb clearance GOBMO 1A, KOBOX 1A: 6000'/GOBMO 2B, KITUB 2A, 2B, KOBOX 2B: 7000' All SIDs: EXPECT higher altitude after passing D25 KIA.

=		3			
SID	RWY	ROUTING			
GOBMO 1A	15L/R	Turn LEFT immediately , 075° heading, intercept KIA R-044 to D25 KIA, turn LEFT, along KIA 25 DME arc, intercept KIA R-315 to GOBMO.			
GOBMO 2B	33L/R	Turn LEFT, intercept KIA R-315 to GOBMO.			
KITUB 2A	15L/R	Climb to KIA, KIA R-150 to D10 KIA, turn RIGHT, 225° heading, inter- cept KIA R-187 to KITUB.			
KITUB 2B	33L/R	Climb on runway heading, turn LEFT climbing to 8000 ', along KIA 25 DME arc, intercept KIA R-187 to KITUB.			
KOBOX 1A	15L/R	Turn LEFT immediately , 075° heading, intercept KIA R-059 to D25 KIA, turn RIGHT, along KIA 25 DME arc, intercept KIA R-074 to KOBOX.			
KOBOX 2B	33L/R	Climb on runway heading, turn RIGHT, along KIA 25 DME arc, intercept KIA R-074 to KOBOX.			

JEPPESEN JeppView 3.5.2.0



5000'

4100'

MSA

KIA VOR

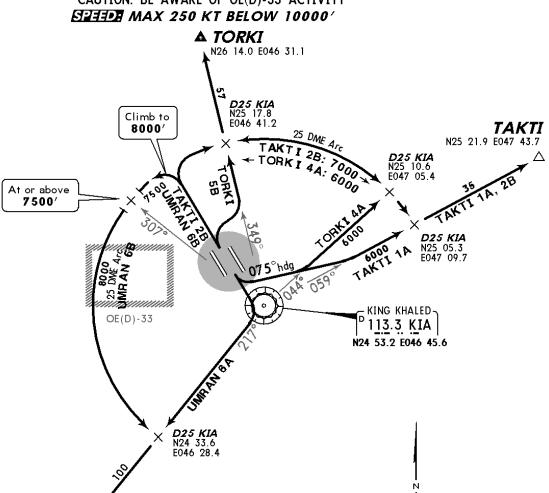
OERK/RUH KING KHALED INTL SJEPPESEN RIYADH, SAUDI ARABIA

Eff 22 No▼ 9 NOV 07 (20-3C)

Apt Elev Trans level: FL150 Trans alt: 13000' 2049'

> TAKTI ONE ALFA (TAKTI 1A) [TAKTIA] TAKTI TWO BRAVO (TAKTI 2B) [TAKT2B] TORKI FOUR ALFA (TORKI 4A) / TORK4A / TORKI FIVE BRAVO (TORKI 5B) [TORK5B] UMRAN SIX ALFA (UMRAN 6A) [UMRA6A] UMRAN SIX BRAVO (UMRAN 6B) [UMRA6B] RWYS 15L/R, 33L/R DEPARTURES

CAUTION: BE AWARE OF OE(D)-33 ACTIVITY



Initial climb clearance

TAKTI 1A, TORKI 4A: 6000'/TAKTI 2B, TORKI 5B, UMRAN 6A, 6B: 7000' All SIDs: EXPECT higher altitude after passing D25 KIA.

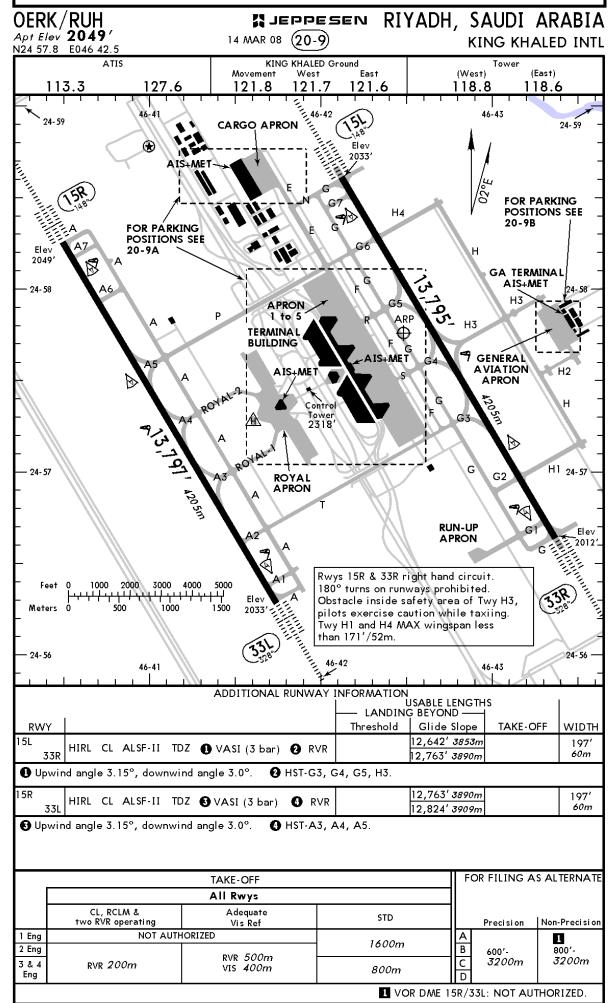
SID	RWY	ROUTING			
TAKTI 1A	15L/R	Turn LEFT immediately, 075° heading, intercept KIA R-059 to TAKTI.			
TAKTI 2B	33L/R	Climb on runway heading, turn RIGHT, along KIA 25 DME arc, intercept KIA R-059 to TAKTI.			
TORKI 4A	15L/R	Turn LEFT immediately, 075° heading, intercept KIA R-044 to D25 KIA, turn LEFT, along KIA 25 DME arc, intercept KIA R-349 to TORKI.			
TORKI 5B	33L/R	Turn RIGHT, intercept KIA R-349 to TORKI.			
UMRAN 6A	15L/R	Turn RIGHT, intercept KIA R-217 to UMRAN.			
UMRAN 6B	33L/R	Climb on runway heading, turn LEFT climbing to 8000 ', along KIA 25 DME arc, intercept KIA R-217 to UMRAN.			

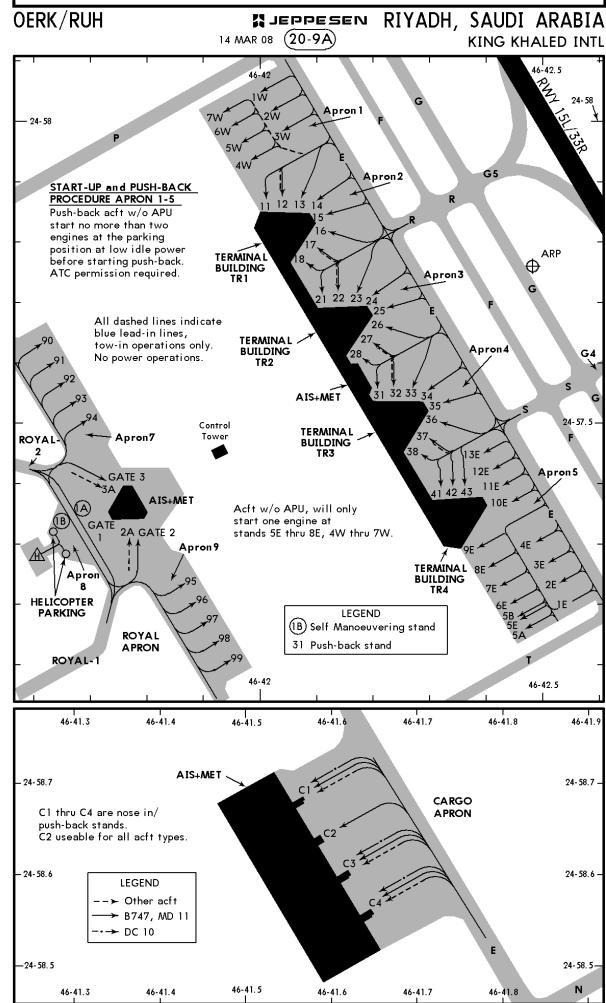
UMRAN

N23 15.1 E045 20.4 🛦

NOT TO SCALE

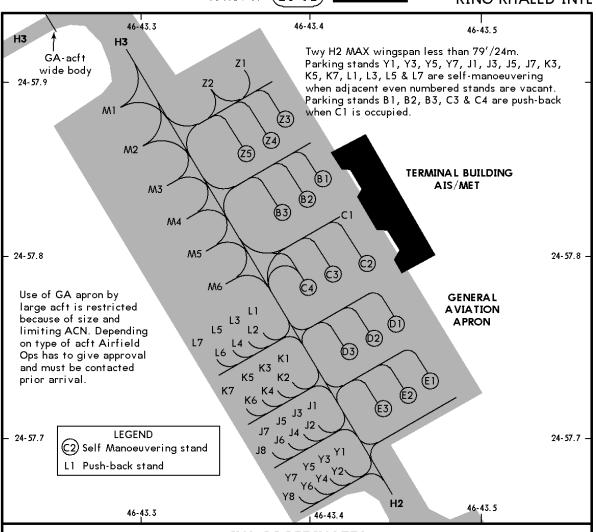
#JEPPESEN RIYADH, SAUDI ARABIA OERK/RUH 9 NOV 07 (20-3D) Eff 22 Nov RADAR DEPARTURE KING KHALED INTL Trans level: FL150 Trans alt: 13000' Apt Elev ATC may issue a revised initial heading and/or altitude as a part 2049 of the SID procedure. 50001 4100 CHARLIE, DELTA RWYS 15R/L, 33R/L RADAR DEPARTURES MSA S2410 MAX 250 KT BELOW 10000' KIA VOR TORKI 🛕 N26 14.0 E046 31.1 GOBMO N26 10.2 E045 26.3 **ESRAT** N25 51.3 E047 02.8 **AKRAM** N25 50.6 E047 51.6 KUSRO N25 51.6 E044 43.5 D25 KIA D25 KIA TAKTI **SOKOP** N25 31.9 E044 34.5 D25 KIA D25 KIA D25 KIA OVEXXX/////// N25 09.9 E044 57.0 OE(D)-33 075° hdg 35 D25 KIA **KOBOX** N25 07.3 E047 49.8 D25 KIA CHARLIE SODIB KING KHALED-N25 07.1 E044 28.8 113.3 KIA CAUTION: Be aware of N24 53.2 E046 45.6 OE(D)-33 activity D25 KIA Δ **DURMA** N24 27.2 E045 46.2 X D25 KIA V 166 X D25 KIA UM 321 0 UN 638 NOT TO SCALE For flights to AKRAM, ESRAT, GOBMO, KOBOX, TAKTI & TORKI. For flights to DURMA, KITUB, KUSRO, MIRAS, SODIB, SOKOP & UMRAN. N23 15.1 E045 20.4 ▲ KITUB N22 49.4 E046 23.7 SID RWY ROUTING CHARLIE 15R/L O Turn LEFT immediately, 075° heading, maintain 6000', expect radar vectors. To KIA, KIA R-150, maintain 6000', expect radar vectors. DELTA 33R/L Climb on runway heading, maintain 8000', expect radar vectors.





OERK/RUH

SJEPPESEN RIYADH, SAUDI ARABIA 16 NOV 07 (20-9B) Eff 22 Nov KING KHALED INTL



INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES	STAND No.	COORDINATES
	ROYAL APRON		APRON 3		GENERAL AVIATION
Gate 1	N24 57.3 E046 41.7	21,22	N24 57.7 E046 42.1		APRON
Gate 2	N24 57.3 E046 41.8		N24 57.7 E046 42.2	Z 1	N24 57.9 E046 43.4
Gate 3	N24 57.4 E046 41.7		N24 57.6 E046 42.2	Z2	N24 57.9 E046 43.3
1A,1B	N24 57.3 E046 41.7			Z3-Z5	N24 57.9 E046 43.4
2Á	N24 57.3 E046 41.8		APRON 4	B1-B3	N24 57.8 E046 43.4
		31,32	N24 57.6 E046 42.2	C1-C4	N24 57.8 E046 43.4
3A	N24 57.4 E046 41.7		N24 57.6 E046 42.3		
90	N24 57.6 E046 41.6		N24 57.5 E046 42.3		N24 57.8 E046 43.5
91,92	N24 57.6 E046 41.7			D2	N24 57.8 E046 43.4
93,94	N24 57.5 E046 41.7		APRON 5	D3	N24 57.7 E046 43.4
95-97	N24 57.2 E046 41.9		N24 57.2 E046 42.5	E1,E2	N24 57.7 E046 43.5
		3E,4E	N24 57.3 E046 42.5	E3	N24 57.7 E046 43.4
98	N24 57.1 E046 41.9		N24 57.2 E046 42.4		
99	N24 57.1 E046 42.0		N24 57.2 E046 42.5	Y1-Y8	N24 57.7 E046 43.4
		6E,7E	N24 57.2 E046 42.4	J1-J8	N24 57.7 E046 43.4
	APRON 1	,		K1-K7	N24 57.7 E046 43.4
1W-3W	N24 58.0 E046 42.0	8E	N24 57.3 E046 42.4	L1-L3	N24 57.8 E046 43.4
4W	N24 57.9 E046 42.0	9E	N24 57.4 E046 42.3	L4	N24 57.7 E046 43.4
5W,6W	N24 58.0 E046 42.0	10E-13E	N24 57.4 E046 42.4		
7W	N24 58.0 E046 41.9		N24 57.4 E046 42.3	L5	N24 57.8 E046 43.3
				L6	N24 57.7 E046 43.3
	APRON 2		CARGO APRON	L7	N24 57.8 E046 43.3
11,12	N24 57.9 E046 42.0	C1	N24 58.7 E046 41.6	M1,M2	
13,14	N24 57.9 E046 42.1	C2,C3	N24 58.6 E046 41.6		N24 57.8 E046 43.3
15 ⁻ 18	N24 57.8 E046 42.1	C4	N24 58.6 E046 41.7		
				M6	N24 57.8 E046 43.4

OERK/RUH

SJEPPESEN RIYADH, SAUDI ARABIA

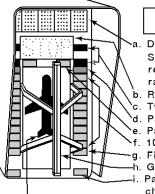
16 NOV 07 (20-9C) Eff 22 Nov

KING KHALED INTL

STAND ENTRY GUIDANCE SYSTEMS

A. GENERAL

Pilot interpreted guidance system is aligned for use from left hand pilot seat. Display units are on the wall of the building for side loading and inside the door for nose loading (C1, C3 and C4 only) or free standing supports in front of the terminals and to the right of the passenger jetties (gate 2, 3, 11 thru 18, 21 thru 28 and 31 thru 38 only).



B747

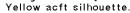
OK

TOO FAR

STOP SHORT

a. Display indicating: Aircraft type. STOP SHORT. TOO FAR. OK.
 SBU STOP (except C1, C3 and C4 - If acft nose wheel doesn't cross reset sensor, system will provide a stop signal but no closing rate indication).

- b. Red display indicating: STOP.
- c. Two pairs of red lights Parking position
- d. Pair of yellow flashing lights- the acft is 3'/1m from STOP position
- e. Pair of green lights indicating: STOP position reached.
- f. 10 pairs of green lights = Closing rate guidance (1m increments)
- g. First pair of green lights Acft 40'/12m from STOP position.
- h. Green centerline guidance bar Azimuth guidance
- Pair of green flashing lights Gate is ready for docking. These lights change to steady when the acft has entered the system.









AZIMUTH GUIDANCE

TURN LEFT

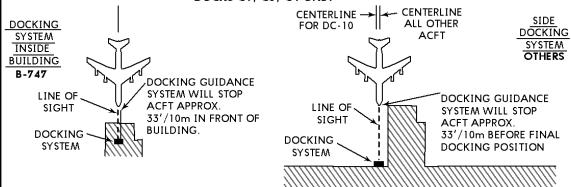
ON CENTERLINE

TURN RIGHT

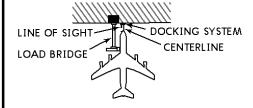
B. DOCKING

- 1. Do not enter parking area if ground airline maintenance personnel are not in attendance.
- 2. Follow the taxi-in line and watch for centerline guidance. Keep the green CL guidance bar centered over the yellow acft silhouette.
- 3. Check correct aircraft type is lit, if not STOP.
- 4. Check pair of flashing green lights are lit ready for docking.
- 5. The nose wheel will activate a sensor every 3'/1m the last 40'/12m to STOP and light a corresponding pair of green lights showing the aircraft position in dock. When flashing yellow lights are lit, acft is 3'/1m from STOP position.
- 6. At STOP position the two pairs of red lights are lit and the display indicates STOP.
- 7. If correctly parked OK shows on the display.
- 8. If coming too far the display indicates TOO FAR. Push-back is necessary.

DOCKS C1, C3, C4 ONLY



GATES 2, 3, 11 thru 18, 21 thru 28 and 31 thru 38



At passenger Terminal building configuration of acft position and loading bridge is different at each gate. OERK/RUH

3 JEPPESEN 14 MAY 04 20-9X RIYADH, SAUDI ARABIA KING KHALED INTL

CTDAIC	HT-IN RWY	Α	В	C	KHALED INIL
			_	_	_
15L	ILS DME	2233'(200') R550m V800m	2233'(200') R550m V800m	2233'(200') R550m V800m	2233'(200') R550m V800m
	TDZ or CL out	R720m V800m	R720m V800m	R720m V800m	R720m V800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	2420 ′(387′)	2420 ′(387′)	2420 ′(387′)	2420 ′(387′)
	100	R900m V800m	R1000m V800m	R1000m V800m	R1400m V1200m
	ALS out	R1500m V1600m	R1500m V1600m	R1800m V1600m	2000m
	VOR DME	2440′(407′)	2440′(407′)	2440′(407′)	2440′(407′)
	VOR DIVIL	R900m V800m	R1000m V800m	1200m	R1500m V1600m
	ALS out	R1500m V1600m	R1500m V1600m	R1800m V2000m	2000m
15R	ILS DME	2249′(200′)	2249 ′(200′)	2249 ′(200′)	2249′(200′)
		R550m V800m	R550m V800m	R550m V800m	R550m V800m
	TDZ or CL out	R720m V800m	R720m ∨800m	R720m ∨800m	R720m ∨800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	2420 ′(371′)	2420 ′(371′)	2420 ′(371′)	2420 ′(371′)
		R900m V800m	R1000m V800m	R1000m V800m	R1400m V1200m
	ALS out	R1500m V1600m	R1500m V1600m	R1800m V1600m	2000m
33L	ILS DME	2247 ′(200′)	2247 ′(200′)	2247 ′(200')	2247 ′(200′)
		R550m V800m	R550m V800m	R550m V800m	R550m V800m
	TDZ or CL out	R720m V800m	R720m V800m	R720m ∨800m	R720m V800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	2420 ′(373′)	2420 ′(373′)	2420 ′(373′)	2420 ′(373′)
		R900m V800m	R1000m V800m	R1000m V800m	R1400m V1200m
	ALS out	R1500m V1600m	R1500m V1600m	R1800m V1600m	2000m
33R	ILS DME	2223 ′(200 ′)	2223 ′(200′)	2223 ′(200 ′)	2223′(200′)
		R550m V800m	R550m V800m	R550m V800m	R550m V800m
	TDZ or CL out	R720m V800m	R720m V800m	R720m V800m	R720m V800m
	ALS out	1200m	1200m	1200m	1200m
	ILS	2223 ′(200′)	2223 ′(200′)	2223 ′(200')	2223′(200′)
		R550m V800m	R550m V800m	R550m V800m	R550m V800m
	TDZ or CL out	R720m V800m	R720m V800m	R720m V800m	R720m V800m
	ALS out	1200m	1200m	1200m	1200m
	LOC	2420 ′(397 ′)	2420 ′(397 ′)	2420 ′(397 ′)	2420 ′(397′)
		R900m V800m	R1000m V800m	R1000m V800m	R1400m V1200m
	ALS out	R1500m V1600m	R1500m V1600m	R1800m V1600m	2000m
	VOR DME	2500 ′(477 ′)	2500 ′(477 ′)	2500 ′(477 ′)	2500'(477')
		R1000m V800m	R1200m V800m	1200m	1600m
	ALS out	R1500m V1600m	R1500m V1600m	2000m	2400m
	VOR	2500 ′(477 ′)	2500 ′(477 ′)	2500'(477')	2500 ′(477 ′)
		1200m	1200m	R1500m V1600m	R1800m V2000m
	ALS out	R1500m V1600m	R1500m V1600m	2000m	2400m

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT	
	NOT				
	AUTHORIZED				

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JeppView 3.5.2.0

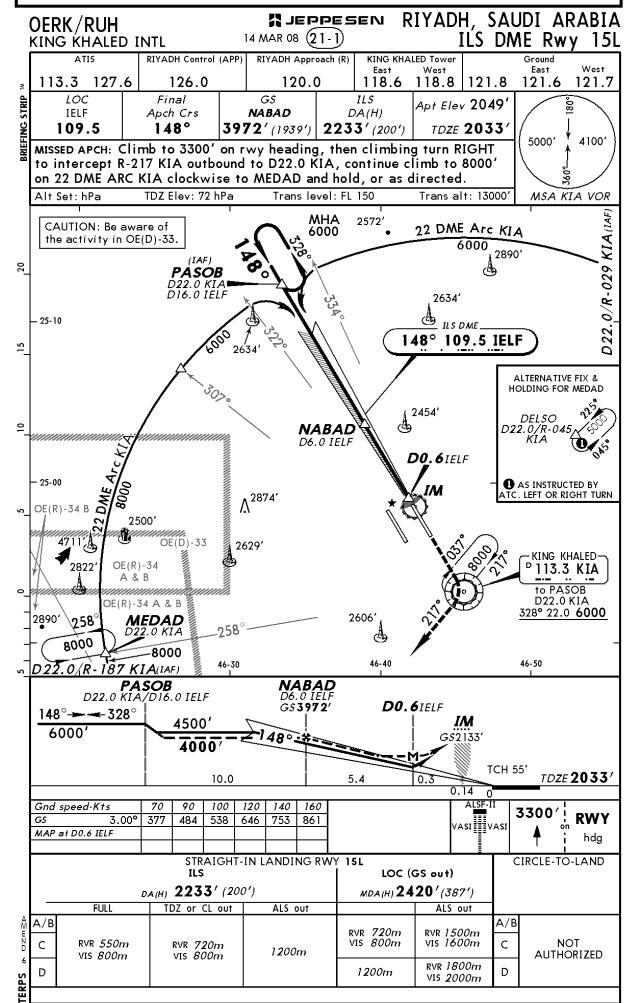
OERK/RUH

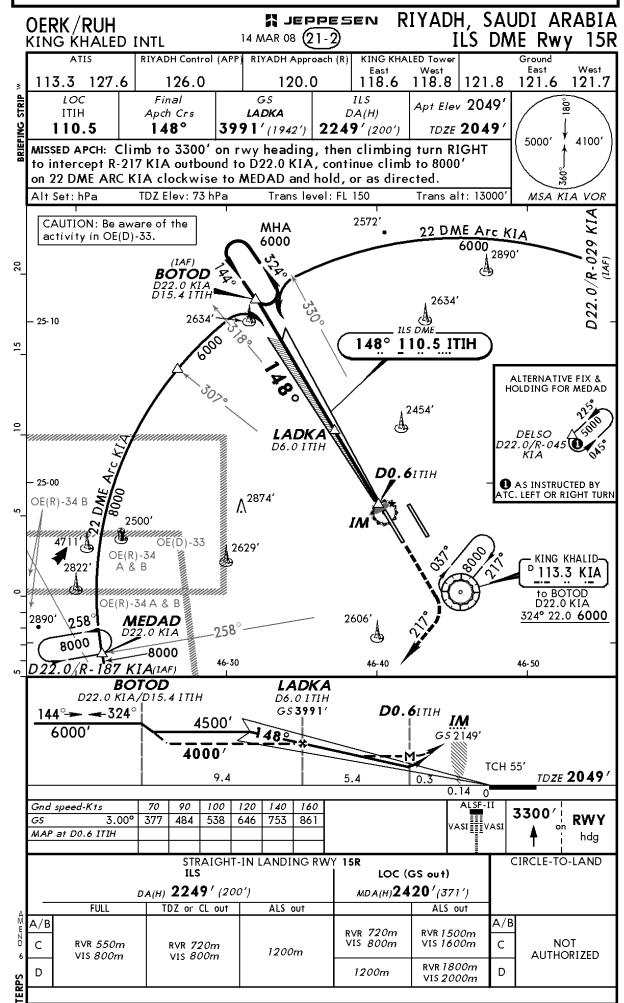
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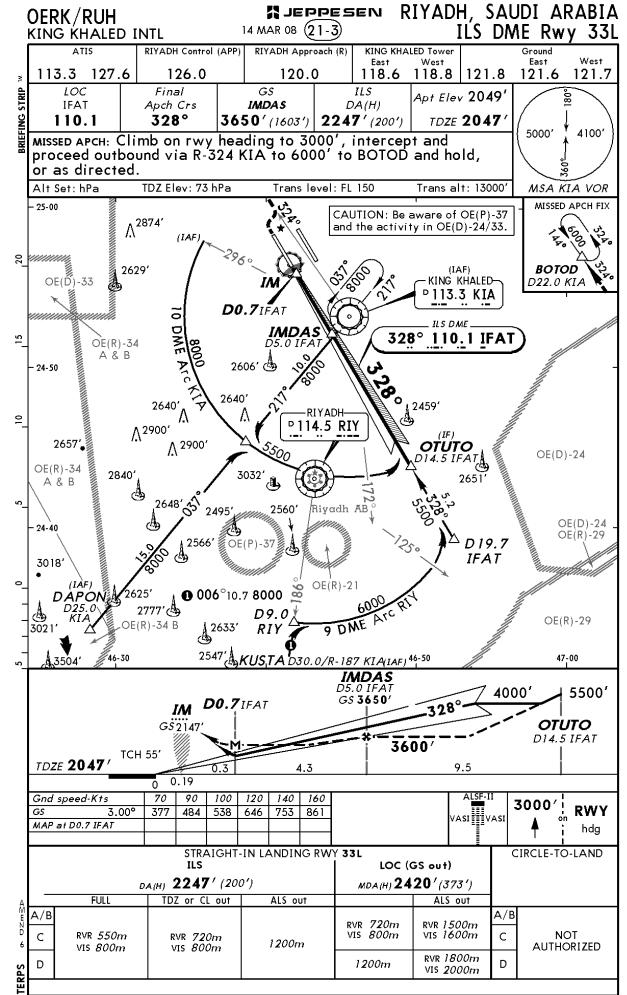
PIYADH, SAUDI ARABIA KING KHALED INTL

TAKE-OFF RWY 15L/R, 33L/R						
	LVP must be in Force					
	RL, CL & mult. RVR req.	RL, CL & mult. RVR req.	Adequate Vis Ref (DAY only)	STD		
1 Eng	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	1600m		
2 Eng 3 or				1800111		
3 or more	200m	400m	500m	800m		

For SAUDI ARABIA State Alternate minimums which are always higher than JAR-OPS 1 refer to apt chart.







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