

# KIAD

Washington Dulles Intl

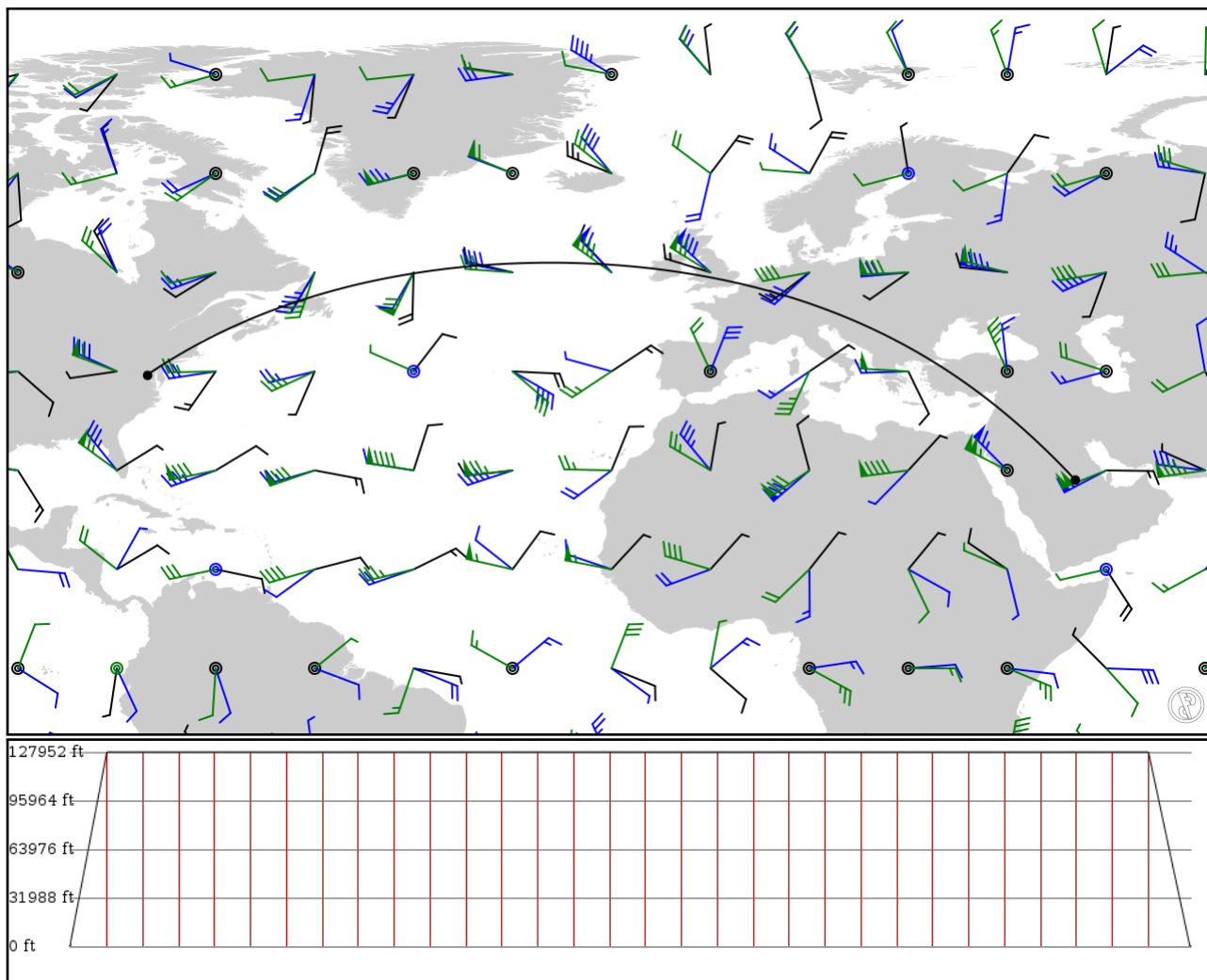
# OERK

Riyadh King Khaled Intl

2024/05/11 0633Z

KIAD +39.04\_-077.47 +39.10\_-077.45 +39.14\_-077.40 +41.14\_-074.26 +43.04\_-070.93 +44.85\_-067.40  
+46.53\_-063.64 +48.09\_-059.65 +49.50\_-055.43 +50.75\_-050.97 +51.82\_-046.28 +52.70\_-041.39  
+53.36\_-036.32 +53.81\_-031.12 +54.02\_-025.83 +54.00\_-020.52 +53.75\_-015.25 +53.28\_-010.06  
+52.58\_-005.02 +51.67\_+000.16 +50.58\_+004.50 +49.30\_+008.92 +47.87\_+013.11 +46.29\_+017.06  
+44.58\_+020.79 +42.76\_+024.29 +40.84\_+027.59 +38.83\_+030.70 +36.75\_+033.63 +34.59\_+036.41  
+32.38\_+039.04 +30.11\_+041.55 +27.80\_+043.94 +25.07\_+046.59 +25.03\_+046.64 OERK

5856.26 nm / 10845.80 km



## Notes

Departing runway 0 KIAD. Arriving runway 15 OERK.

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KIAD	-	38.97067	0 ft	-	-
APT	-	-77.47433	0 m		
+39.04_-077.47	-	39.04303	120 ft	4	-
LATLON	-	-77.47340	37 m		
+39.10_-077.45	-	39.09723	390 ft	3	-
LATLON	-	-77.44718	119 m		
+39.14_-077.40	-	39.14119	810 ft	3	-
LATLON	-	-77.39863	247 m		
+41.14_-074.26	-	41.13670	39,000 ft	187	-
LATLON	-	-74.26076	11,887 m		
+43.04_-070.93	-	43.04309	39,000 ft	187	-
LATLON	-	-70.93290	11,887 m		
+44.85_-067.40	-	44.84699	39,000 ft	187	-
LATLON	-	-67.39756	11,887 m		
+46.53_-063.64	-	46.53493	39,000 ft	187	-
LATLON	-	-63.64129	11,887 m		
+48.09_-059.65	-	48.09224	39,000 ft	187	-
LATLON	-	-59.65375	11,887 m		
+49.50_-055.43	-	49.50326	39,000 ft	187	-
LATLON	-	-55.42935	11,887 m		
+50.75_-050.97	-	50.75170	39,000 ft	187	-
LATLON	-	-50.96912	11,887 m		
+51.82_-046.28	-	51.82113	39,000 ft	187	-
LATLON	-	-46.28264	11,887 m		
+52.70_-041.39	-	52.69580	39,000 ft	187	-
LATLON	-	-41.38969	11,887 m		
+53.36_-036.32	-	53.36144	39,000 ft	187	-
LATLON	-	-36.32122	11,887 m		
+53.81_-031.12	-	53.80630	39,000 ft	187	-
LATLON	-	-31.11908	11,887 m		
+54.02_-025.83	-	54.02203	39,000 ft	187	-
LATLON	-	-25.83445	11,887 m		
+54.00_-020.52	-	54.00444	39,000 ft	187	-
LATLON	-	-20.52462	11,887 m		
+53.75_-015.25	-	53.75388	39,000 ft	187	-
LATLON	-	-15.24883	11,887 m		
+53.28_-010.06	-	53.27520	39,000 ft	187	-
LATLON	-	-10.06373	11,887 m		
+52.58_-005.02	-	52.57731	39,000 ft	187	-
LATLON	-	-5.01923	11,887 m		
+51.67_+000.16	-	51.67240	39,000 ft	187	-
LATLON	-	-0.15563	11,887 m		
+50.58_+004.50	-	50.57501	39,000 ft	187	-
LATLON	-	4.49783	11,887 m		
+49.30_+008.92	-	49.30108	39,000 ft	187	-
LATLON	-	8.92298	11,887 m		
+47.87_+013.11	-	47.86703	39,000 ft	187	-
LATLON	-	13.11165	11,887 m		
+46.29_+017.06	-	46.28910	39,000 ft	187	-
LATLON	-	17.06392	11,887 m		
+44.58_+020.79	-	44.58281	39,000 ft	187	-
LATLON	-	20.78621	11,887 m		
+42.76_+024.29	-	42.76266	39,000 ft	187	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	24.28944	11,887 m		
+40.84_+027.59	-	40.84195	39,000 ft	187	-
LATLON	-	27.58738	11,887 m		
+38.83_+030.70	-	38.83269	39,000 ft	187	-
LATLON	-	30.69544	11,887 m		
+36.75_+033.63	-	36.74566	39,000 ft	187	-
LATLON	-	33.62963	11,887 m		
+34.59_+036.41	-	34.59046	39,000 ft	187	-
LATLON	-	36.40598	11,887 m		
+32.38_+039.04	-	32.37559	39,000 ft	187	-
LATLON	-	39.04002	11,887 m		
+30.11_+041.55	-	30.10861	39,000 ft	187	-
LATLON	-	41.54657	11,887 m		
+27.80_+043.94	-	27.79619	39,000 ft	187	-
LATLON	-	43.93955	11,887 m		
+25.07_+046.59	-	25.07104	390 ft	216	-
LATLON	-	46.58631	119 m		
+25.03_+046.64	-	25.03371	120 ft	3	-
LATLON	-	46.63515	37 m		
OERK	-	24.97094	0 ft	4	-
APT	-	46.67488	0 m		

## KIAD

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 312 ft / 95 m  
Location: 38.947700 -77.460900  
Magnetic Var: 10.663 W

## METAR

KIAD 110552Z 08004KT 10SM -RA OVC028 10/08 A2986 RMK A02 SLP111 P0001 60005 T01000078 10117 20094 50005

## TAF

TAF KIAD 110526Z 1106/1212 08005KT 6SM -DZ BR BKN008 OVC015 FM110900 00000KT P6SM BKN008 OVC015 FM111200 00000KT F

## Frequencies

COM - 122.95 MHz - UNICOM	REC - 134.85 MHz - D-ATIS
CLD - 135.70 MHz - CLEARANCE DELIVERY	GND - 121.62 MHz - DULLES GROUND
GND - 121.90 MHz - DULLES GROUND	TWR - 120.10 MHz - DULLES TOWER
TWR - 120.25 MHz - DULLES TOWER	TWR - 134.42 MHz - DULLES TOWER
APP - 120.45 MHz - POTOMAC APPROACH	APP - 126.10 MHz - POTOMAC APPROACH
APP - 128.52 MHz - POTOMAC APPROACH	DEP - 126.65 MHz - POTOMAC DEPARTURE
DEP - 125.05 MHz - POTOMAC DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	151 ft	9,408 ft	0.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	11.30		0 m	123 m
19R	151 ft	9,408 ft	180.64	CONCRETE	0 ft	404 ft
	46 m	2,868 m	191.30		0 m	123 m
01C	151 ft	11,510 ft	0.65	CONCRETE	0 ft	407 ft
	46 m	3,508 m	11.31		0 m	124 m
19C	151 ft	11,510 ft	180.65	CONCRETE	0 ft	43 ft
	46 m	3,508 m	191.31		0 m	13 m
01R	151 ft	11,510 ft	0.66	CONCRETE	0 ft	43 ft
	46 m	3,508 m	11.33		0 m	13 m
19L	151 ft	11,510 ft	180.66	CONCRETE	0 ft	387 ft
	46 m	3,508 m	191.33		0 m	118 m
12	151 ft	10,513 ft	110.71	CONCRETE	0 ft	20 ft
	46 m	3,204 m	121.37		0 m	6 m
30	151 ft	10,513 ft	290.73	CONCRETE	0 ft	387 ft
	46 m	3,204 m	301.39		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	DME	IIAD	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19L	DME	ISGC	110.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
19R	DME	IISU	110.75 MHz	18 nm	-	-	313 ft
				33 km	-		313 m
01C	LOC-ILS	IOSZ	111.30 MHz	18 nm	0.65	-	312 ft
				33 km	11.31		312 m
01R	LOC-ILS	IIAD	110.10 MHz	18 nm	0.67	-	312 ft
				33 km	11.33		312 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IAJU	109.30 MHz	18 nm	110.74	-	312 ft
				33 km	121.40		312 m
19C	LOC-ILS	IDLX	111.30 MHz	18 nm	180.65	-	312 ft
				33 km	191.31		312 m
19L	LOC-ILS	ISGC	110.10 MHz	18 nm	180.67	-	312 ft
				33 km	191.33		312 m
19R	LOC-ILS	IISU	110.75 MHz	18 nm	180.58	-	312 ft
				33 km	191.24		312 m
01L	LOC-ILS	IOIU	110.75 MHz	18 nm	0.58	-	312 ft
				33 km	11.24		312 m
01C	GS	IOSZ	111.30 MHz	10 nm	0.65	3.00	312 ft
				19 km	11.31		312 m
01R	GS	IIAD	110.10 MHz	10 nm	0.67	3.00	312 ft
				19 km	11.33		312 m
12	GS	IAJU	109.30 MHz	10 nm	110.74	3.00	312 ft
				19 km	121.40		312 m
19C	GS	IDLX	111.30 MHz	10 nm	180.65	3.00	312 ft
				19 km	191.31		312 m
19L	GS	ISGC	110.10 MHz	10 nm	180.67	3.00	312 ft
				19 km	191.33		312 m
19R	GS	IISU	110.75 MHz	10 nm	180.58	3.00	312 ft
				19 km	191.24		312 m
01L	GS	IOIU	110.75 MHz	10 nm	0.58	3.00	312 ft
				19 km	11.24		312 m

## OERK

Region: SAUDI ARABIA  
Timezone: ASIA/RIYADH  
Runways: 2

Elevation: 2,048 ft / 624 m  
Location: 24.957400 46.698800  
Magnetic Var: 3.352 E

## METAR

OERK 110600Z 12006KT CAVOK 33/M13 Q1017 NOSIG

## TAF

TAF OERK 110500Z 1106/1212 17010KT 9999 FEW040 PROB40 TEMPO 1112/1120 FEW030CB SCT040 BECMG 1206/1208 24010KT

## Frequencies

REC - 113.30 MHz - ATIS	CLD - 121.80 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - GROUND	GND - 121.60 MHz - GROUND
TWR - 118.60 MHz - TOWER	TWR - 118.80 MHz - TOWER
APP - 124.10 MHz - RIYADH APPROACH	APP - 120.00 MHz - RIYADH APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	197 ft	13,809 ft	150.17	CONCRETE	0 ft	387 ft
	60 m	4,209 m	146.81		0 m	118 m
33L	197 ft	13,809 ft	330.18	CONCRETE	0 ft	384 ft
	60 m	4,209 m	326.82		0 m	117 m
15L	197 ft	13,809 ft	150.18	CONCRETE	0 ft	390 ft
	60 m	4,209 m	146.83		0 m	119 m
33R	197 ft	13,809 ft	330.19	CONCRETE	0 ft	390 ft
	60 m	4,209 m	326.84		0 m	119 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15L	DME	IELF	109.50 MHz	18 nm	-	-	2,049 ft
				33 km	-		2,049 m
15R	DME	ITIH	110.50 MHz	18 nm	-	-	2,047 ft
				33 km	-		2,047 m
33L	DME	IFAT	110.10 MHz	18 nm	-	-	2,023 ft
				33 km	-		2,023 m
33R	DME	IKIA	109.10 MHz	18 nm	-	-	2,049 ft
				33 km	-		2,049 m
15L	LOC-ILS	IELF	109.50 MHz	18 nm	150.18	-	2,049 ft
				33 km	146.82		2,049 m
15R	LOC-ILS	ITIH	110.50 MHz	18 nm	150.17	-	2,046 ft
				33 km	146.82		2,046 m
33L	LOC-ILS	IFAT	110.10 MHz	18 nm	330.16	-	2,049 ft
				33 km	326.81		2,049 m
33R	LOC-ILS	IKIA	109.10 MHz	18 nm	330.18	-	2,049 ft
				33 km	326.82		2,049 m
15L	GS	IELF	109.50 MHz	10 nm	150.35	3.00	2,033 ft
				19 km	147.00		2,033 m
15R	GS	ITIH	110.50 MHz	10 nm	150.33	3.00	2,047 ft
				19 km	146.98		2,047 m
33L	GS	IFAT	110.10 MHz	10 nm	330.33	3.00	2,023 ft
				19 km	326.98		2,023 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
33R	GS	IKIA	109.10 MHz	10 nm	330.35	3.00	2,023 ft
				19 km	327.00		2,023 m