

KIAD

Washington Dulles Intl

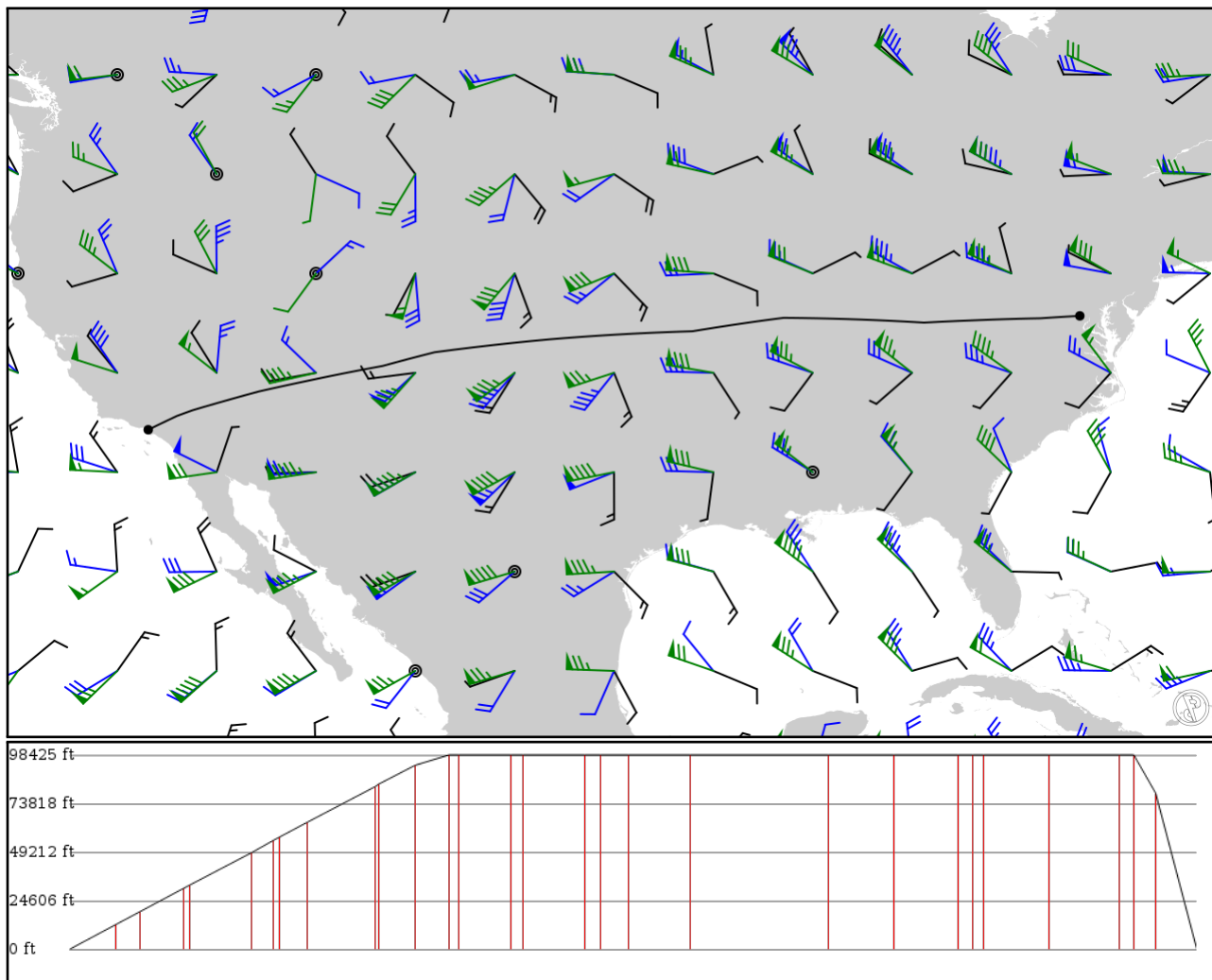
KLAX

Los Angeles Intl

2024/04/28 0134Z

KIAD COLNS J134 STL J110 RSK J64 TBC J128 PGS J64 HEC V442 APLES KLAX

1990.40 nm / 3686.23 km



Notes

Basic altitude profile:

- Ascent Rate: 210ft/min
- Ascent Speed: 230kts
- Cruise Altitude: 30000ft
- Cruise Speed: 270kts
- Descent Rate: 1500ft/min
- Descent Speed: 230kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KIAD APT	-	38.94740 -77.45990	0 ft 0 m	-	Washington Dulles Intl
COLNS FIX	-	38.84040 -79.19680	3,800 ft 1,158 m	81	-
STEVY FIX	J134 AWY-HI	38.81980 -80.11930	5,800 ft 1,768 m	43	-
LAYED FIX	J134 AWY-HI	38.76370 -81.79760	9,400 ft 2,865 m	78	-
HNN VOR	J134 AWY-HI	38.75410 -82.02620	9,900 ft 3,018 m	10	HENDERSON
FLM VOR	J134 AWY-HI	38.64940 -84.31060	14,900 ft 4,542 m	107	FALMOUTH
GBEES FIX	J134 AWY-HI	38.69850 -85.17030	16,800 ft 5,121 m	40	-
MOSEY FIX	J134 AWY-HI	38.70930 -85.37570	17,300 ft 5,273 m	9	-
JUDDI FIX	J134 AWY-HI	38.75940 -86.44020	19,600 ft 5,974 m	49	-
CAROL FIX	J134 AWY-HI	38.83920 -88.97120	25,100 ft 7,650 m	118	-
JIGSY FIX	J134 AWY-HI	38.84220 -89.11970	25,500 ft 7,772 m	6	-
STL VOR	J134 AWY-HI	38.86070 -90.48240	28,400 ft 8,656 m	63	SAINT LOUIS
TRAKE FIX	J110 AWY-HI	38.69190 -91.74260	30,000 ft 9,144 m	59	-
ELSTO FIX	J110 AWY-HI	38.63620 -92.13090	30,000 ft 9,144 m	18	-
SCAWT FIX	J110 AWY-HI	38.34490 -94.04220	30,000 ft 9,144 m	91	-
BUM VOR	J110 AWY-HI	38.27210 -94.48830	30,000 ft 9,144 m	21	BUTLER
FRACA FIX	J110 AWY-HI	38.17990 -96.80520	30,000 ft 9,144 m	109	-
PEABO FIX	J110 AWY-HI	38.15020 -97.37530	30,000 ft 9,144 m	26	-
KIRKE FIX	J110 AWY-HI	38.08980 -98.40150	30,000 ft 9,144 m	48	-
GCK VOR	J110 AWY-HI	37.91900 -100.72500	30,000 ft 9,144 m	110	GARDEN CITY
ALS VOR	J110 AWY-HI	37.34920 -105.81600	30,000 ft 9,144 m	244	ALAMOSA
RSK VOR	J110 AWY-HI	36.74840 -108.09900	30,000 ft 9,144 m	115	RATTLESNAKE (FARMINGTON)
COCAN FIX	J64 AWY-HI	36.31250 -110.35200	30,000 ft 9,144 m	111	-
RHYSS FIX	J64 AWY-HI	36.20530 -110.87100	30,000 ft 9,144 m	25	-
TBC VOR	J64 AWY-HI	36.12130 -111.27000	30,000 ft 9,144 m	19	TUBA CITY
PGS VOR	J128 AWY-HI	35.62470 -113.54400	30,000 ft 9,144 m	114	PEACH SPRINGS
GLACO	J64	34.94450	30,000 ft	125	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-115.96800	9,144 m		
HEC	J64	34.79700	30,000 ft	25	HECTOR
VOR	AWY-HI	-116.46300	9,144 m		
APLES	V442	34.54850	24,100 ft	37	-
FIX	AWY-LO	-117.14900	7,346 m		
KLAX	-	33.94320	0 ft	72	Los Angeles Intl
APT	-	-118.40800	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 280052Z 18004KT 10SM OVC012 14/12 A3032 RMK A02 SLP265 T01440122

TAF

KIAD 280023Z 2800/2906 17005KT P6SM OVC015 FM280200 16006KT P6SM BKN025 FM280300 17005KT P6SM BKN045 FM280800 1700

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

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.444 E

METAR

KLAX 280053Z 23008G17KT 10SM FEW075 17/08 A2999 RMK A02 SLP154 T01720083

TAF

KLAX 272321Z 2800/2906 26012KT P6SM SKC FM280400 VRB03KT P6SM SKC FM281800 26012KT P6SM SKC FM290400 VRB03KT P6SM

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.51		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.53		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.53		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.50		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.52		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.50		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.52		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m