

# KIAD

Washington Dulles Intl

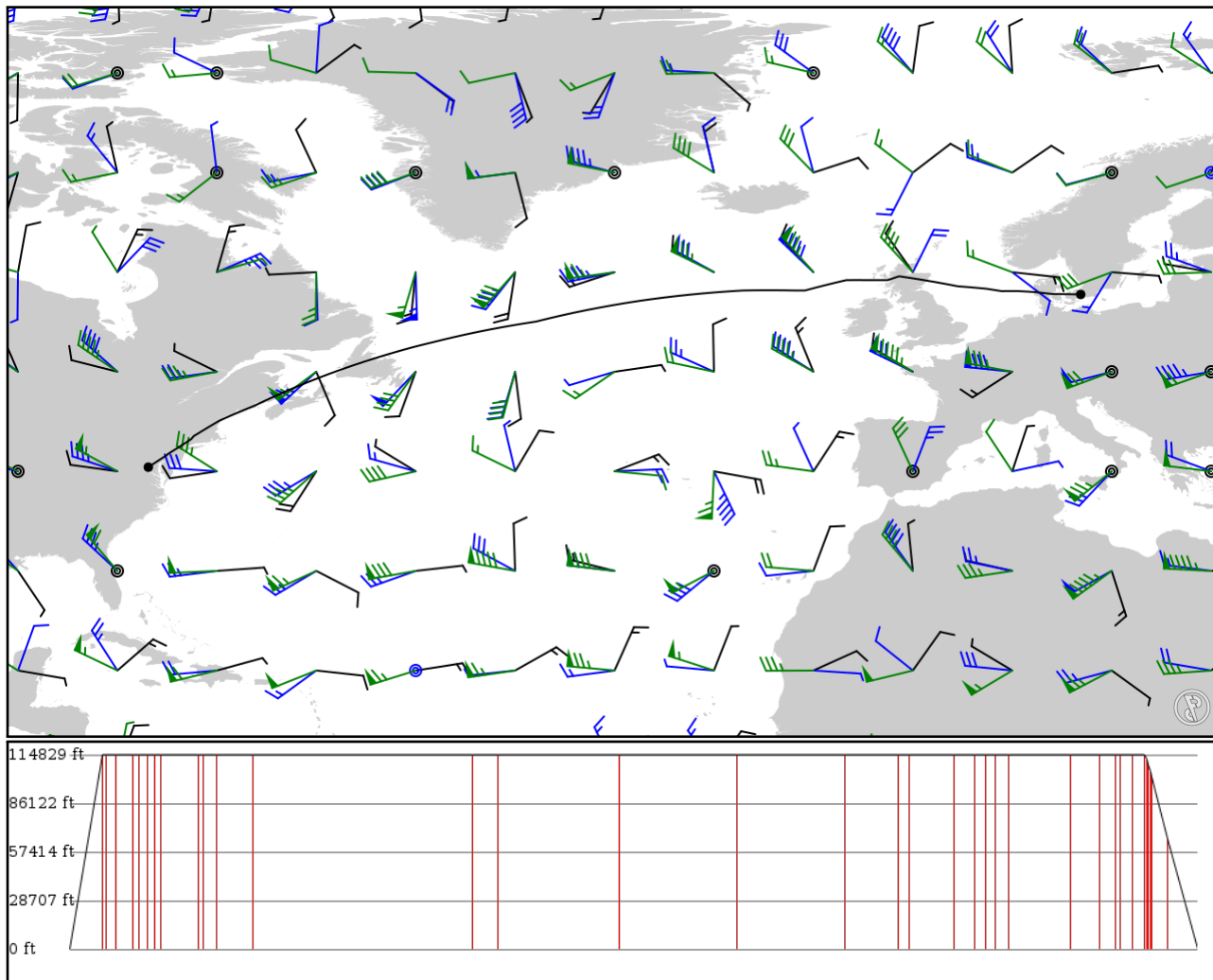
# EKCH

Kastrup

2024/05/21 0254Z

KIAD SPERY **V403** PTW **J48** LANNA **Q448** DBABE **Q406** BAF **Q480** ENE **J573** EBONY **N358A** ALLRY **R** SOVED GOMUP  
5700N0800W 5700N0700W 5700N0600W RUGID **M83** PETIL **L983** AMRAM **P60** NISEM EKCH

3587.86 nm / 6644.72 km



## Notes

Using NAT tracks from 23/1/2024

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

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	-	38.94770 -77.46090	0 ft 0 m	-	Washington Dulles Intl
SPERY FIX	-	40.08070 -75.72710	35,000 ft 10,668 m	105	-
PTW VOR	V403 AWY-LO	40.22220 -75.56020	35,000 ft 10,668 m	11	POTTSTOWN
LANNA FIX	J48 AWY-HI	40.55970 -75.02770	35,000 ft 10,668 m	31	-
DBABE FIX	Q448 AWY-HI	41.14170 -74.09610	35,000 ft 10,668 m	54	-
BASYE FIX	Q406 AWY-HI	41.34370 -73.79860	35,000 ft 10,668 m	18	-
TRIBS FIX	Q406 AWY-HI	41.65810 -73.31750	35,000 ft 10,668 m	28	-
BIGGO FIX	Q406 AWY-HI	41.95580 -73.06790	35,000 ft 10,668 m	21	-
BAF VOR	Q406 AWY-HI	42.16200 -72.71620	35,000 ft 10,668 m	19	BARNES (WESTFIELD/SPRINGFIELD)
ENE VOR	Q480 AWY-HI	43.42570 -70.61350	35,000 ft 10,668 m	119	KENNEBUNK
SCARS FIX	J573 AWY-HI	43.54860 -70.34110	35,000 ft 10,668 m	13	-
SEAER FIX	J573 AWY-HI	43.92460 -69.49180	35,000 ft 10,668 m	43	-
EBONY FIX	J573 AWY-HI	44.90240 -67.15660	35,000 ft 10,668 m	116	-
ALLRY FIX	N358A AWY-HI	50.50000 -52.00000	35,000 ft 10,668 m	696	-
51/50 LATLON	R NAT	51.00000 -50.00000	35,000 ft 10,668 m	81	-
53/40 LATLON	R NAT	53.00000 -40.00000	35,000 ft 10,668 m	388	-
55/30 LATLON	R NAT	55.00000 -30.00000	35,000 ft 10,668 m	372	-
56/20 LATLON	R NAT	56.00000 -20.00000	35,000 ft 10,668 m	345	-
PIKIL FIX	R NAT	56.00000 -15.00000	35,000 ft 10,668 m	167	-
SOVED FIX	R NAT	56.00000 -14.00000	35,000 ft 10,668 m	33	-
GOMUP FIX	- -	57.00000 -10.00000	35,000 ft 10,668 m	145	-
5700N0800W LATLON	- -	57.00000 -8.00000	35,000 ft 10,668 m	65	-
5700N0700W LATLON	- -	57.00000 -7.00000	35,000 ft 10,668 m	32	-
5700N0600W LATLON	- -	57.00000 -6.00000	35,000 ft 10,668 m	32	-
RUGID FIX	- -	57.36920 -4.89861	35,000 ft 10,668 m	42	-
RIVOT FIX	M83 AWY-HI	56.40810 0.77694	35,000 ft 10,668 m	194	-
REKNA	M83	56.17470	35,000 ft	91	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	3.50000	10,668 m		
PETIL	M83	55.93890	35,000 ft	52	-
FIX	AWY-HI	5.00000	10,668 m		
BUSOM	L983	55.94190	35,000 ft	13	-
FIX	AWY-HI	5.39472	10,668 m		
AMRAM	L983	55.94360	35,000 ft	41	-
FIX	AWY-HI	6.63417	10,668 m		
NUGLO	P60	55.87530	35,000 ft	38	-
FIX	AWY-HI	7.78111	10,668 m		
NAVIK	P60	55.86310	34,200 ft	6	-
FIX	AWY-HI	7.96972	10,424 m		
NARBA	P60	55.85330	33,200 ft	4	-
FIX	AWY-HI	8.11389	10,119 m		
BAMPI	P60	55.84280	32,000 ft	5	-
FIX	AWY-HI	8.26972	9,754 m		
EPILO	P60	55.82780	31,000 ft	4	-
FIX	AWY-HI	8.41222	9,449 m		
NISEM	P60	55.65810	19,900 ft	51	-
FIX	AWY-HI	9.91556	6,066 m		
EKCH	-	55.61790	0 ft	92	Kastrup
APT	-	12.65600	0 m		

## KIAD

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

Elevation: 312 ft / 95 m  
Location: 38.947700 -77.460900  
Magnetic Var: 10.664 W

## METAR

KIAD 210152Z 17004KT 10SM BKN250 21/16 A3002 RMK A02 SLP165 T02060161

## TAF

TAF KIAD 202326Z 2100/2206 19004KT P6SM FEW060 BKN250 FM210300 15003KT P6SM SKC FM210900 17003KT 2SM BR SCT005 FM2

## 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

## EKCH

Region: DENMARK / FAROE ISLANDS  
Timezone: EUROPE/COPENHAGEN  
Runways: 3

Elevation: 17 ft / 5 m  
Location: 55.617900 12.656000  
Magnetic Var: 4.675 E

## METAR

EKCH 210220Z AUTO 05006KT 010V090 9999 NCD 13/08 Q1017 NOSIG

## TAF

TAF EKCH 202300Z 2100/2124 08012KT CAVOK TEMPO 2109/2124 08015G25KT

## Frequencies

REC - 122.75 MHz - KASTRUP ARRIVAL INFORMATION	REC - 122.85 MHz - KASTRUP DEPARTURE INFORMATION
CLD - 119.90 MHz - CLEARANCE DELIVERY	GND - 121.62 MHz - APRON
GND - 121.72 MHz - APRON	GND - 121.90 MHz - APRON
TWR - 118.10 MHz - TOWER (ARRIVAL)	TWR - 118.57 MHz - TOWER
TWR - 118.70 MHz - TOWER (VFR)	TWR - 119.35 MHz - TOWER (DEPARTURE)
APP - 120.20 MHz - FINAL	APP - 119.80 MHz - COPENHAGEN APPROACH
DEP - 120.25 MHz - DEPARTURE	DEP - 124.95 MHz - DEPARTURE
APP - 118.45 MHz - ARRIVAL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	148 ft	11,695 ft	41.13	ASPHALT	0 ft	0 ft
	45 m	3,565 m	36.45		0 m	0 m
22R	148 ft	11,695 ft	221.16	ASPHALT	1,870 ft	0 ft
	45 m	3,565 m	216.48		570 m	0 m
04R	148 ft	10,814 ft	41.14	ASPHALT	0 ft	0 ft
	45 m	3,296 m	36.47		0 m	0 m
22L	148 ft	10,814 ft	221.17	ASPHALT	0 ft	0 ft
	45 m	3,296 m	216.50		0 m	0 m
12	148 ft	10,046 ft	123.21	ASPHALT	2,306 ft	0 ft
	45 m	3,062 m	118.53		703 m	0 m
30	148 ft	10,046 ft	303.24	ASPHALT	886 ft	0 ft
	45 m	3,062 m	298.57		270 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	CH	110.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
12	DME	KA	109.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
22L	DME	OXS	109.50 MHz	18 nm	-	-	7 ft
				33 km	-		7 m
22R	DME	KLK	110.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
30	DME	OY	108.90 MHz	18 nm	-	-	9 ft
				33 km	-		9 m
04L	LOC-ILS	CH	110.50 MHz	18 nm	41.16	-	17 ft
				33 km	36.48		17 m
04R	LOC-ILS	NE	109.30 MHz	18 nm	41.18	-	17 ft
				33 km	36.50		17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	KA	109.90 MHz	18 nm	123.25	-	17 ft
				33 km	118.57		17 m
22L	LOC-ILS	OXS	109.50 MHz	18 nm	221.14	-	17 ft
				33 km	216.47		17 m
22R	LOC-ILS	KLK	110.90 MHz	18 nm	221.14	-	17 ft
				33 km	216.47		17 m
30	LOC-ILS	OY	108.90 MHz	18 nm	303.23	-	17 ft
				33 km	298.55		17 m
04L	GS	CH	110.50 MHz	10 nm	41.32	3.00	17 ft
				19 km	36.65		17 m
04R	GS	NE	109.30 MHz	10 nm	41.32	3.00	17 ft
				19 km	36.64		17 m
12	GS	KA	109.90 MHz	10 nm	123.46	3.00	17 ft
				19 km	118.78		17 m
22L	GS	OXS	109.50 MHz	10 nm	221.32	3.00	17 ft
				19 km	216.64		17 m
22R	GS	KLK	110.90 MHz	10 nm	221.32	3.00	17 ft
				19 km	216.65		17 m
30	GS	OY	108.90 MHz	10 nm	303.46	3.00	17 ft
				19 km	298.78		17 m