

KIAD

Washington Dulles Intl

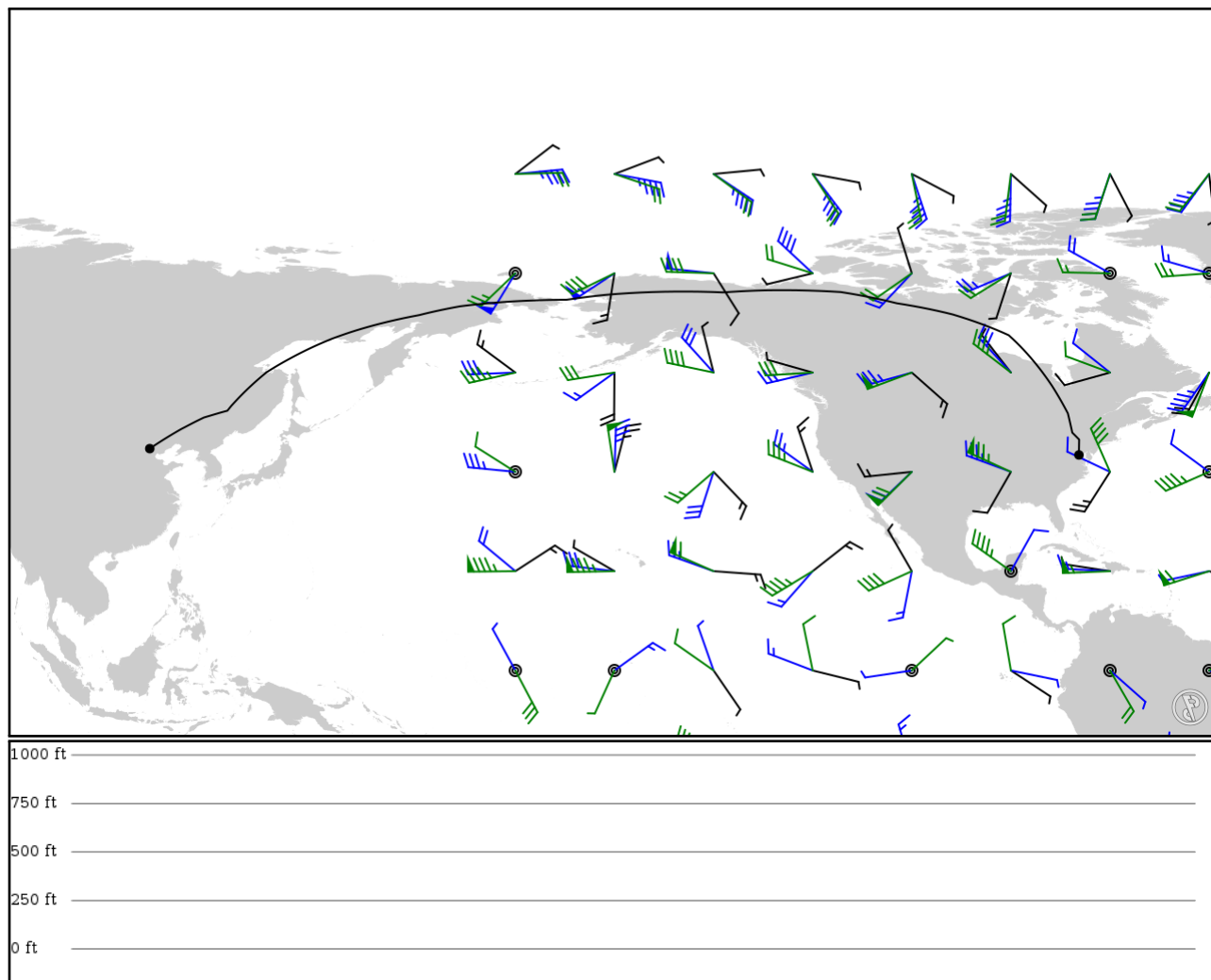
ZBAA

Beijing-Capital

2024/05/10 0222Z

KIAD IDORE JERES BEETS MICAH VALLO OGESY FORTT BIGEO WUNDR SFK BUF YYB MOGAG 55N085W 6030N09000W
64N100W 66N110W 68N120W YEV POTAT SHOKK FRENK KURIP KUMOG RATET BAMUS UTILI OGETO LORKI ASMOK
ASBAT MONOG DERUD GOPNA RUKAR BISMA BANOT RELDI DIREB SOPIN NILOT GITAK GIRUD LUSAK KUNON LUPAT
OBUTA IBOLI OLGIR SUKOP LAPNI BESPAN OGNIT PENOK ODEKA MAGIT JMU IGADO HRB EKADO FYU OTABO DULEX
TGO ZBAA

6333.15 nm / 11729.00 km



Notes

Requested: KIAD IDORE JERES BEETS MICAH TOC VALLO OGESY FORTT BIGEO WUNDR SFK BUF YYB MOGAG 55N085W 6030N09000W 64
Unmatched points: TOC RUSBO UKDUM TOD VAGNU OSUBA

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KIAD	-	38.94770	0 ft	-	Washington Dulles Intl
APT	-	-77.46090	0 m	-	
IDORE	-	39.39760	0 ft	27	-
FIX	-	-77.56840	0 m	-	-
JERES	-	39.64290	0 ft	15	-
FIX	-	-77.45510	0 m	-	-
BEETS	-	39.95570	0 ft	18	-
FIX	-	-77.44990	0 m	-	-
MICAH	-	40.15920	0 ft	12	-
FIX	-	-77.44640	0 m	-	-
VALLO	-	40.62680	0 ft	28	-
FIX	-	-77.43850	0 m	-	-
OGESY	-	40.73710	0 ft	6	-
FIX	-	-77.43660	0 m	-	-
FORTT	-	40.83980	0 ft	6	-
FIX	-	-77.43470	0 m	-	-
BIGEO	-	41.16630	0 ft	19	-
FIX	-	-77.42910	0 m	-	-
WUNDR	-	41.33230	0 ft	9	-
FIX	-	-77.42620	0 m	-	-
SFK	-	41.69530	0 ft	21	STONYFORK
VOR	-	-77.41990	0 m	-	
BUF	-	42.92900	0 ft	91	BUFFALO
VOR	-	-78.64630	0 m	-	
YYB	-	46.36390	0 ft	209	NORTH BAY VOR-DME
DME	-	-79.43650	0 m	-	
MOGAG	-	51.26170	0 ft	314	-
FIX	-	-82.26330	0 m	-	-
55N085W	-	55.00000	0 ft	245	-
LATLON	-	-85.00000	0 m	-	-
6030N09000W	-	60.30000	0 ft	356	-
LATLON	-	-90.00000	0 m	-	-
64N100W	-	64.00000	0 ft	357	-
LATLON	-	-100.00000	0 m	-	-
66N110W	-	66.00000	0 ft	280	-
LATLON	-	-110.00000	0 m	-	-
68N120W	-	68.00000	0 ft	263	-
LATLON	-	-120.00000	0 m	-	-
YEV	-	68.30810	0 ft	302	INUUVIK
VOR	-	-133.54800	0 m	-	
POTAT	-	67.93440	0 ft	168	-
FIX	-	-141.00000	0 m	-	-
SHOKK	-	67.50320	0 ft	474	-
FIX	-	-161.90900	0 m	-	-
FRENK	-	66.62000	0 ft	173	-
FIX	-	-168.97300	0 m	-	-
KURIP	-	66.61470	0 ft	32	-
FIX	-	-170.34300	0 m	-	-
KUMOG	-	66.55750	0 ft	67	-
FIX	-	-173.15900	0 m	-	-
RATET	-	66.50610	0 ft	37	-
FIX	-	-174.72900	0 m	-	-
BAMUS	-	66.01920	0 ft	195	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	177.25000	0 m		
UTILI	-	65.93830	0 ft	22	-
FIX	-	176.33100	0 m		
OGETO	-	65.75670	0 ft	44	-
FIX	-	174.56100	0 m		
LORKI	-	65.45170	0 ft	66	-
FIX	-	171.99800	0 m		
ASMOK	-	64.81330	0 ft	91	-
FIX	-	168.72300	0 m		
ASBAT	-	63.89190	0 ft	117	-
FIX	-	164.74300	0 m		
MONOG	-	62.06030	0 ft	247	-
FIX	-	156.58900	0 m		
DERUD	-	60.81860	0 ft	141	-
FIX	-	152.39700	0 m		
GOPNA	-	60.13830	0 ft	71	-
FIX	-	150.40900	0 m		
RUKAR	-	60.11170	0 ft	2	-
FIX	-	150.33400	0 m		
BISMA	-	59.98310	0 ft	13	-
FIX	-	149.97700	0 m		
BANOT	-	59.67690	0 ft	31	-
FIX	-	149.14700	0 m		
RELDI	-	58.92640	0 ft	71	-
FIX	-	147.34500	0 m		
DIREB	-	58.22140	0 ft	65	-
FIX	-	145.76700	0 m		
SOPIN	-	56.85500	0 ft	121	-
FIX	-	142.97400	0 m		
NILOT	-	56.18360	0 ft	58	-
FIX	-	141.71300	0 m		
GITAK	-	55.28530	0 ft	76	-
FIX	-	140.08900	0 m		
GIRUD	-	53.67720	0 ft	133	-
FIX	-	137.43600	0 m		
LUSAK	-	53.20690	0 ft	34	-
FIX	-	136.87100	0 m		
KUNON	-	52.26000	0 ft	69	-
FIX	-	135.76200	0 m		
LUPAT	-	51.67530	0 ft	42	-
FIX	-	135.10700	0 m		
OBUTA	-	51.32750	0 ft	25	-
FIX	-	134.72700	0 m		
IBOLI	-	51.24810	0 ft	5	-
FIX	-	134.64100	0 m		
OLGIR	-	51.01750	0 ft	16	-
FIX	-	134.39400	0 m		
SUKOP	-	50.55060	0 ft	33	-
FIX	-	133.90400	0 m		
LAPNI	-	50.27280	0 ft	19	-
FIX	-	133.61700	0 m		
BESPA	-	50.08940	0 ft	13	-
FIX	-	133.43100	0 m		
OGNIT	-	49.56940	0 ft	37	-
FIX	-	132.91300	0 m		
PENOK	-	49.00780	0 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	132.36800	0 m		
ODEKA	-	48.14440	0 ft	60	-
FIX	-	131.56000	0 m		
MAGIT	-	47.69190	0 ft	31	-
FIX	-	131.15000	0 m		
JMU	-	46.84170	0 ft	58	JIAMUSI
VOR	-	130.46500	0 m		
IGADO	-	45.96330	0 ft	136	-
FIX	-	127.41200	0 m		
HRB	-	45.62330	0 ft	52	HARBIN VOR-DME
DME	-	126.26000	0 m		
EKADO	-	45.10170	0 ft	55	-
FIX	-	125.18700	0 m		
FYU	-	44.91170	0 ft	19	FUYU VOR-DME
DME	-	124.80500	0 m		
OTABO	-	44.45500	0 ft	46	-
FIX	-	123.91500	0 m		
DULEX	-	43.93830	0 ft	52	-
FIX	-	122.92800	0 m		
TGO	-	43.56000	0 ft	38	TONGLIAO VOR-DME
DME	-	122.19800	0 m		
ZBAA	-	40.07870	0 ft	326	Beijing-Capital
APT	-	116.59500	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 100152Z 09006KT 10SM BKN055 BKN080 18/13 A2965 RMK A02 SLP038 T01830133

TAF

KIAD 092330Z 1000/1106 05007KT P6SM VCSH OVC050 FM100200 07008KT P6SM VCTS BKN025CB FM100400 08005KT 6SM -SHRA BR

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

ZBAA

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 3

Elevation: 115 ft / 35 m
Location: 40.078700 116.595000
Magnetic Var: 7.353 W

METAR

ZBAA 100200Z 16004MPS 120V190 CAVOK 24/13 Q1004 NOSIG

TAF

TAF TAF ZBAA 092102Z 1000/1024 20004MPS 3500 BR NSC TX29/1007Z TN16/1021Z TEMPO 1007/1010 34009G18MPS 2800 -TSRA

Frequencies

REC - 127.60 MHz - ATIS	REC - 128.65 MHz - ATIS
CLD - 121.60 MHz - BEIJING DELIVERY	CLD - 121.65 MHz - BEIJING DELIVERY
GND - 121.90 MHz - BEIJING GROUND	GND - 121.80 MHz - BEIJING GROUND
GND - 121.70 MHz - BEIJING GROUND	GND - 121.75 MHz - BEIJING GROUND
GND - 121.85 MHz - BEIJING GROUND	GND - 122.22 MHz - BEIJING APRON
GND - 122.65 MHz - BEIJING APRON	TWR - 124.30 MHz - BEIJING TOWER
TWR - 118.50 MHz - BEIJING TOWER	TWR - 118.60 MHz - BEIJING TOWER
APP - 126.10 MHz - BEIJING APPROACH	APP - 119.00 MHz - BEIJING APPROACH
APP - 126.50 MHz - BEIJING APPROACH	APP - 121.10 MHz - BEIJING APPROACH
APP - 119.70 MHz - BEIJING APPROACH	APP - 124.70 MHz - BEIJING APPROACH
APP - 127.75 MHz - BEIJING APPROACH	APP - 120.60 MHz - BEIJING APPROACH
APP - 125.50 MHz - BEIJING APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	195 ft	12,481 ft	353.17	CONCRETE	0 ft	394 ft
	59 m	3,804 m	0.52		0 m	120 m
19	195 ft	12,481 ft	173.17	CONCRETE	0 ft	397 ft
	59 m	3,804 m	180.52		0 m	121 m
18L	197 ft	12,493 ft	173.17	ASPHALT	0 ft	190 ft
	60 m	3,808 m	180.52		0 m	58 m
36R	197 ft	12,493 ft	353.17	ASPHALT	0 ft	190 ft
	60 m	3,808 m	0.52		0 m	58 m
18R	164 ft	10,512 ft	173.15	ASPHALT	0 ft	200 ft
	50 m	3,204 m	180.50		0 m	61 m
36L	164 ft	10,512 ft	353.15	ASPHALT	0 ft	200 ft
	50 m	3,204 m	0.50		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18R	DME	ILG	110.30 MHz	18 nm	-	-	135 ft
				33 km	-		135 m
01	LOC-ILS	INJ	108.50 MHz	18 nm	353.17	-	116 ft
				33 km	0.52		116 m
18L	LOC-ILS	IOR	109.30 MHz	18 nm	173.17	-	116 ft
				33 km	180.52		116 m
18R	LOC-ILS	ILG	110.30 MHz	18 nm	173.15	-	116 ft
				33 km	180.50		116 m
19	LOC-ILS	ISZ	108.90 MHz	18 nm	173.17	-	116 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	180.52		116 m
36L	LOC-ILS	IDK	111.70 MHz	18 nm	353.15	-	116 ft
				33 km	0.50		116 m
36R	LOC-ILS	IQU	109.90 MHz	18 nm	353.10	-	116 ft
				33 km	0.45		116 m
01	GS	INJ	108.50 MHz	10 nm	353.17	3.00	116 ft
				19 km	0.52		116 m
18L	GS	IOR	109.30 MHz	10 nm	173.17	3.00	116 ft
				19 km	180.52		116 m
18R	GS	ILG	110.30 MHz	10 nm	173.15	3.00	116 ft
				19 km	180.50		116 m
19	GS	ISZ	108.90 MHz	10 nm	173.17	3.20	116 ft
				19 km	180.52		116 m
36L	GS	IDK	111.70 MHz	10 nm	353.15	3.00	116 ft
				19 km	0.50		116 m
36R	GS	IQU	109.90 MHz	10 nm	353.17	3.00	116 ft
				19 km	0.52		116 m