

KIAD

Washington Dulles Intl

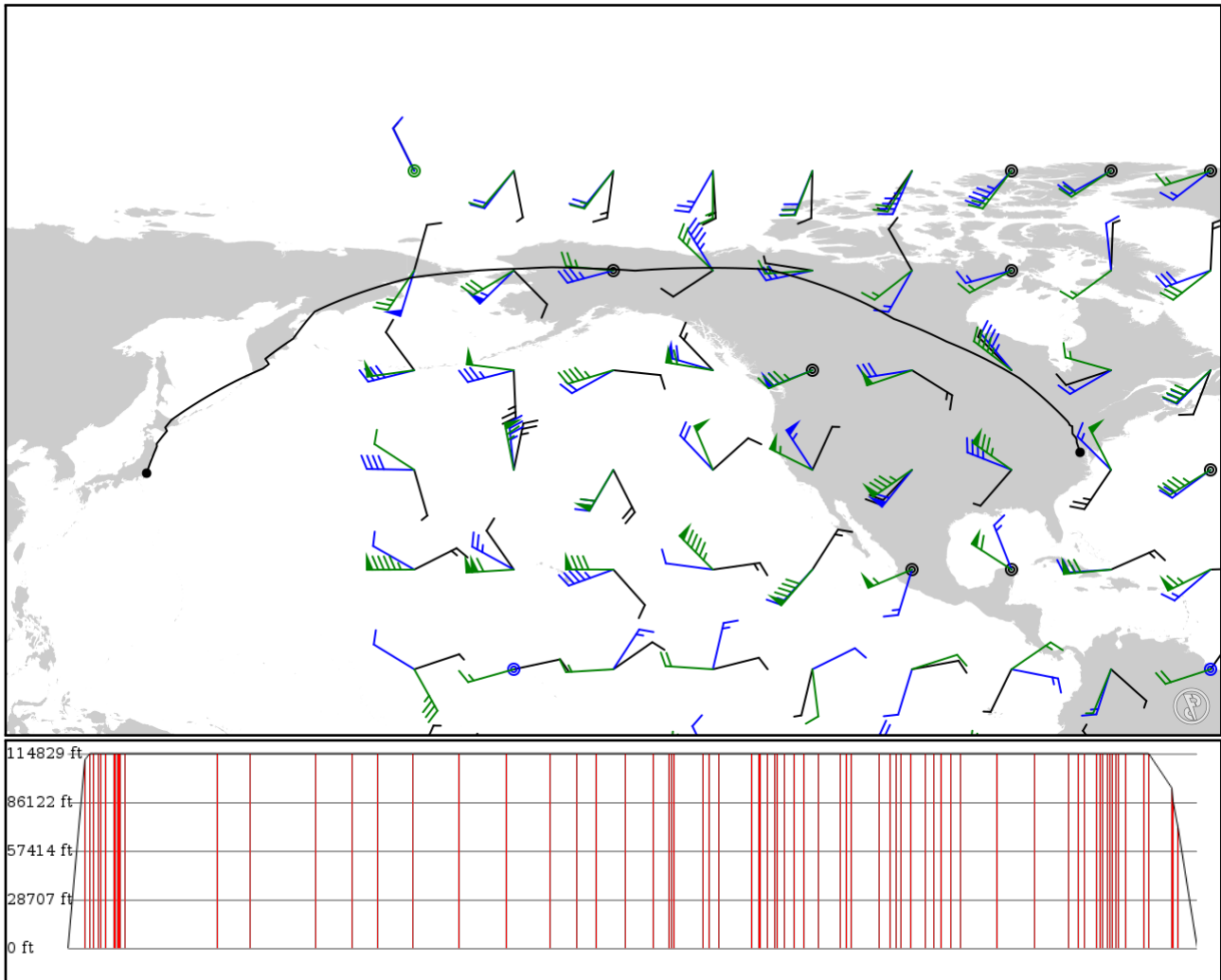
RJAA

Narita

2024/05/04 0233Z

KIAD BLINK **V501** PSB **V265** BFD **V33** BUF WOZEE **Q917** PIKSA AGDOX SIKBO **NCA22** YSF **NCA23** HARUN **NCA28** FYU
FTO **B4** EAV **A5** AMF **V401** OTZ **B244** AKISA OLKIP **B244** RIMLI **B932** TBE **V4** OBE **Y110** RACKO **Z14** CAVES **V22**
MQE **Y30** BONGO RJAA

6021.81 nm / 11152.40 km



Notes

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
BLINK FIX	-	40.48190 -77.97410	33,900 ft 10,333 m	95	-
PSB VOR	V501 AWY-LO	40.91630 -77.99270	35,000 ft 10,668 m	26	PHILIPSBURG
ETG VOR	V265 AWY-LO	41.21500 -78.14280	35,000 ft 10,668 m	19	KEATING
CLERO FIX	V265 AWY-LO	41.58090 -78.44680	35,000 ft 10,668 m	25	-
BFD VOR	V265 AWY-LO	41.78640 -78.61930	35,000 ft 10,668 m	14	BRADFORD
VAIRS FIX	V33 AWY-LO	42.14650 -78.62770	35,000 ft 10,668 m	21	-
BUF VOR	V33 AWY-LO	42.92900 -78.64630	35,000 ft 10,668 m	47	BUFFALO
WOZEE FIX	-	42.93380 -78.73880	35,000 ft 10,668 m	4	-
HOZIR FIX	Q917 AWY-HI	43.10100 -79.03480	35,000 ft 10,668 m	16	-
PIKSA FIX	Q917 AWY-HI	43.12890 -79.07320	35,000 ft 10,668 m	2	-
AGDOX FIX	-	43.28430 -79.10440	35,000 ft 10,668 m	9	-
SIKBO FIX	-	43.65360 -79.34920	35,000 ft 10,668 m	24	-
QN NDB	NCA22 AWY-HI	50.17910 -86.63140	35,000 ft 10,668 m	492	NAKINA
GADRU FIX	NCA22 AWY-HI	52.13890 -90.00000	35,000 ft 10,668 m	173	-
YTH VOR	NCA22 AWY-HI	55.81100 -97.82520	35,000 ft 10,668 m	353	THOMPSON
EPTIR FIX	NCA22 AWY-HI	57.90670 -102.37200	35,000 ft 10,668 m	195	-
YSF NDB	NCA22 AWY-HI	59.25510 -105.83200	35,000 ft 10,668 m	135	STONY RAPIDS
ALSAB FIX	NCA23 AWY-HI	61.51560 -110.00000	35,000 ft 10,668 m	183	-
BILSI FIX	NCA23 AWY-HI	64.32550 -116.75400	35,000 ft 10,668 m	249	-
HARUN FIX	NCA23 AWY-HI	66.77480 -125.00000	35,000 ft 10,668 m	251	-
BITRO FIX	NCA28 AWY-HI	67.00260 -135.00000	35,000 ft 10,668 m	235	-
GOATS FIX	NCA28 AWY-HI	66.83610 -141.00000	35,000 ft 10,668 m	141	-
FYU VOR	NCA28 AWY-HI	66.57420 -145.27700	35,000 ft 10,668 m	102	FORT YUKON
FTO NDB	-	66.58000 -145.21300	35,000 ft 10,668 m	1	YUKON RIVER (FT YUKON)
EAV NDB	B4 AWY-LO	66.89320 -151.56400	35,000 ft 10,668 m	151	EVANSVILLE (BETTLES)
AMF	A5	67.10520	35,000 ft	148	AMBLER

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-LO	-157.86000	10,668 m		
FARME	V401	66.94510	35,000 ft	86	-
FIX	AWY-LO	-161.53600	10,668 m		
MUNUE	V401	66.91620	35,000 ft	11	-
FIX	AWY-LO	-162.03800	10,668 m		
OTZ	V401	66.88570	35,000 ft	11	KOTZEBUE
VOR	AWY-LO	-162.54000	10,668 m		
FRENK	B244	66.62000	35,000 ft	153	-
FIX	AWY-HI	-168.97300	10,668 m		
GENRI	B244	66.50140	35,000 ft	32	-
FIX	AWY-HI	-170.32100	10,668 m		
BENIR	B244	66.30970	35,000 ft	53	-
FIX	AWY-HI	-172.50300	10,668 m		
NB	B244	65.52780	35,000 ft	172	UELKAL
NDB	AWY-HI	-179.29400	10,668 m		
AKISA	B244	65.17360	35,000 ft	40	-
FIX	AWY-HI	179.33700	10,668 m		
OLKIP	-	65.07500	35,000 ft	10	-
FIX	-	178.98200	10,668 m		
LUNAD	B244	64.73500	35,000 ft	37	-
FIX	AWY-HI	177.74100	10,668 m		
KEKOP	B244	64.38500	35,000 ft	37	-
FIX	AWY-HI	176.52800	10,668 m		
MITKA	B244	64.27890	35,000 ft	10	-
FIX	AWY-HI	176.19300	10,668 m		
SOMEG	B244	63.88170	35,000 ft	41	-
FIX	AWY-HI	174.90700	10,668 m		
LUGUT	B244	63.36330	35,000 ft	52	-
FIX	AWY-HI	173.33300	10,668 m		
UNEDA	B244	62.84170	35,000 ft	50	-
FIX	AWY-HI	171.85300	10,668 m		
TUSER	B244	62.04830	35,000 ft	74	-
FIX	AWY-HI	169.77900	10,668 m		
GUNBA	B244	60.69440	35,000 ft	120	-
FIX	AWY-HI	166.68500	10,668 m		
TK	B244	60.36580	35,000 ft	27	TILICHIKI
NDB	AWY-HI	166.01300	10,668 m		
KUTAD	B244	59.97610	35,000 ft	25	-
FIX	AWY-HI	165.65400	10,668 m		
LAKUM	B244	57.62580	35,000 ft	153	-
FIX	AWY-HI	163.72300	10,668 m		
PEMIG	B244	56.71170	35,000 ft	59	-
FIX	AWY-HI	163.03900	10,668 m		
UK	B244	56.22390	35,000 ft	31	UST-KAMCHATSK
NDB	AWY-HI	162.68800	10,668 m		
APTIK	B244	55.89060	35,000 ft	26	-
FIX	AWY-HI	162.18200	10,668 m		
KOKUN	B244	55.27500	35,000 ft	48	-
FIX	AWY-HI	161.27800	10,668 m		
GEFAR	B244	54.21330	35,000 ft	81	-
FIX	AWY-HI	159.80400	10,668 m		
TUPAN	B244	53.63830	35,000 ft	43	-
FIX	AWY-HI	159.04200	10,668 m		
PETIN	B244	53.17000	35,000 ft	35	-
FIX	AWY-HI	158.45400	10,668 m		
RINOT	B244	52.36810	35,000 ft	52	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	158.99800	10,668 m		
RIMLI	B244	51.70500	35,000 ft	51	-
FIX	AWY-HI	158.11500	10,668 m		
OTLER	B932	49.80310	35,000 ft	194	-
FIX	AWY-HI	153.97900	10,668 m		
NETRI	B932	47.65500	35,000 ft	203	-
FIX	AWY-HI	150.00100	10,668 m		
DONIS	B932	45.64670	35,000 ft	180	-
FIX	AWY-HI	146.73300	10,668 m		
NOTLU	B932	45.02140	35,000 ft	54	-
FIX	AWY-HI	145.79500	10,668 m		
ODERI	B932	44.65000	35,000 ft	32	-
FIX	AWY-HI	145.25600	10,668 m		
TBE	B932	43.88490	35,000 ft	65	MEMANBETSU
VOR	AWY-HI	144.16600	10,668 m		
GINGA	V4	43.62740	35,000 ft	18	-
FIX	AWY-HI	143.95300	10,668 m		
TBE30	V4	43.45570	35,000 ft	11	-
FIX	AWY-HI	143.81300	10,668 m		
EATAK	V4	43.06840	35,000 ft	27	-
FIX	AWY-HI	143.49300	10,668 m		
IKEDA	V4	42.92390	35,000 ft	10	-
FIX	AWY-HI	143.37500	10,668 m		
OBE	V4	42.73400	35,000 ft	13	OBIHIRO
VOR	AWY-HI	143.22000	10,668 m		
TAIKI	Y110	42.45170	35,000 ft	18	-
FIX	AWY-HI	143.35800	10,668 m		
RACKO	Y110	42.19260	35,000 ft	16	-
FIX	AWY-HI	143.48400	10,668 m		
APOII	Z14	41.69740	35,000 ft	35	-
FIX	AWY-HI	143.07000	10,668 m		
CAVES	Z14	40.26410	35,000 ft	100	-
FIX	AWY-HI	141.91500	10,668 m		
MQE	V22	39.86560	35,000 ft	23	MIYAKO
VOR	AWY-HI	141.95100	10,668 m		
JUGEM	Y30	37.93360	28,800 ft	121	-
FIX	AWY-HI	141.16300	8,778 m		
KUKUI	Y30	37.75200	26,400 ft	11	-
FIX	AWY-HI	141.09100	8,047 m		
BONGO	Y30	37.41250	21,800 ft	21	-
FIX	AWY-HI	140.95700	6,645 m		
RJAA	-	35.77720	0 ft	102	Narita
APT	-	140.38200	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 040217Z 10003KT 10SM BKN024 OVC038 15/10 A3018 RMK A02 T01500100

TAF

KIAD 032335Z 0400/0506 14011G18KT P6SM FEW100 BKN250 FM040500 11007KT P6SM VCSH BKN015 OVC030 FM040700 11006KT 6S

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

RJAA

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 2

Elevation: 135 ft / 41 m
Location: 35.777200 140.382000
Magnetic Var: 7.777 W

METAR

RJAA 040200Z 15005KT 110V200 CAVOK 25/06 Q1020 NOSIG RMK A3013

TAF

TAF RJAA 032305Z 0400/0506 02005KT 9999 FEW030 BECMG 0400/0402 16008KT TEMPO 0415/0421 3000 BR

Frequencies

REC - 128.25 MHz - ATIS	TWR - 122.70 MHz - NARITA TOWER
TWR - 126.20 MHz - NARITA TOWER	TWR - 118.35 MHz - NARITA TOWER
TWR - 118.20 MHz - NARITA TOWER	GND - 121.85 MHz - NARITA GROUND
GND - 121.95 MHz - NARITA GROUND	GND - 121.60 MHz - NARITA GROUND
GND - 121.75 MHz - NARITA GROUND	APP - 125.20 MHz - NARITA APPROACH
APP - 124.40 MHz - NARITA APPROACH	APP - 121.27 MHz - NARITA APPROACH
APP - 125.80 MHz - NARITA APPROACH	APP - 127.70 MHz - NARITA APPROACH
DEP - 120.60 MHz - NARITA DEPARTURE	DEP - 127.50 MHz - NARITA DEPARTURE
DEP - 119.60 MHz - NARITA DEPARTURE	DEP - 125.52 MHz - NARITA DEPARTURE
DEP - 124.20 MHz - NARITA DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16R	197 ft	13,146 ft	149.63	ASPHALT	0 ft	407 ft
	60 m	4,007 m	157.41		0 m	124 m
34L	197 ft	13,146 ft	329.64	ASPHALT	0 ft	404 ft
	60 m	4,007 m	337.42		0 m	123 m
16L	197 ft	8,210 ft	149.61	ASPHALT	0 ft	197 ft
	60 m	2,503 m	157.39		0 m	60 m
34R	197 ft	8,210 ft	329.62	ASPHALT	0 ft	0 ft
	60 m	2,503 m	337.40		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	DME	ITM	110.70 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
16R	DME	IKF	111.50 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
34L	DME	IYQ	111.90 MHz	18 nm	-	-	153 ft
				33 km	-		153 m
34R	DME	ITJ	110.90 MHz	18 nm	-	-	148 ft
				33 km	-		148 m
16L	LOC-ILS	ITM	110.70 MHz	18 nm	149.64	-	135 ft
				33 km	157.42		135 m
16R	LOC-ILS	IKF	111.50 MHz	18 nm	149.62	-	135 ft
				33 km	157.40		135 m
34L	LOC-ILS	IYQ	111.90 MHz	18 nm	329.62	-	135 ft
				33 km	337.40		135 m
34R	LOC-ILS	ITJ	110.90 MHz	18 nm	329.64	-	135 ft
				33 km	337.42		135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	GS	ITM	110.70 MHz	10 nm	149.64	3.00	135 ft
				19 km	157.42		135 m
16R	GS	IKF	111.50 MHz	10 nm	149.62	3.00	135 ft
				19 km	157.40		135 m
34L	GS	IYQ	111.90 MHz	10 nm	329.62	3.00	135 ft
				19 km	337.40		135 m
34R	GS	ITJ	110.90 MHz	10 nm	329.64	3.00	135 ft
				19 km	337.42		135 m