

KDCA

Ronald Reagan Airport

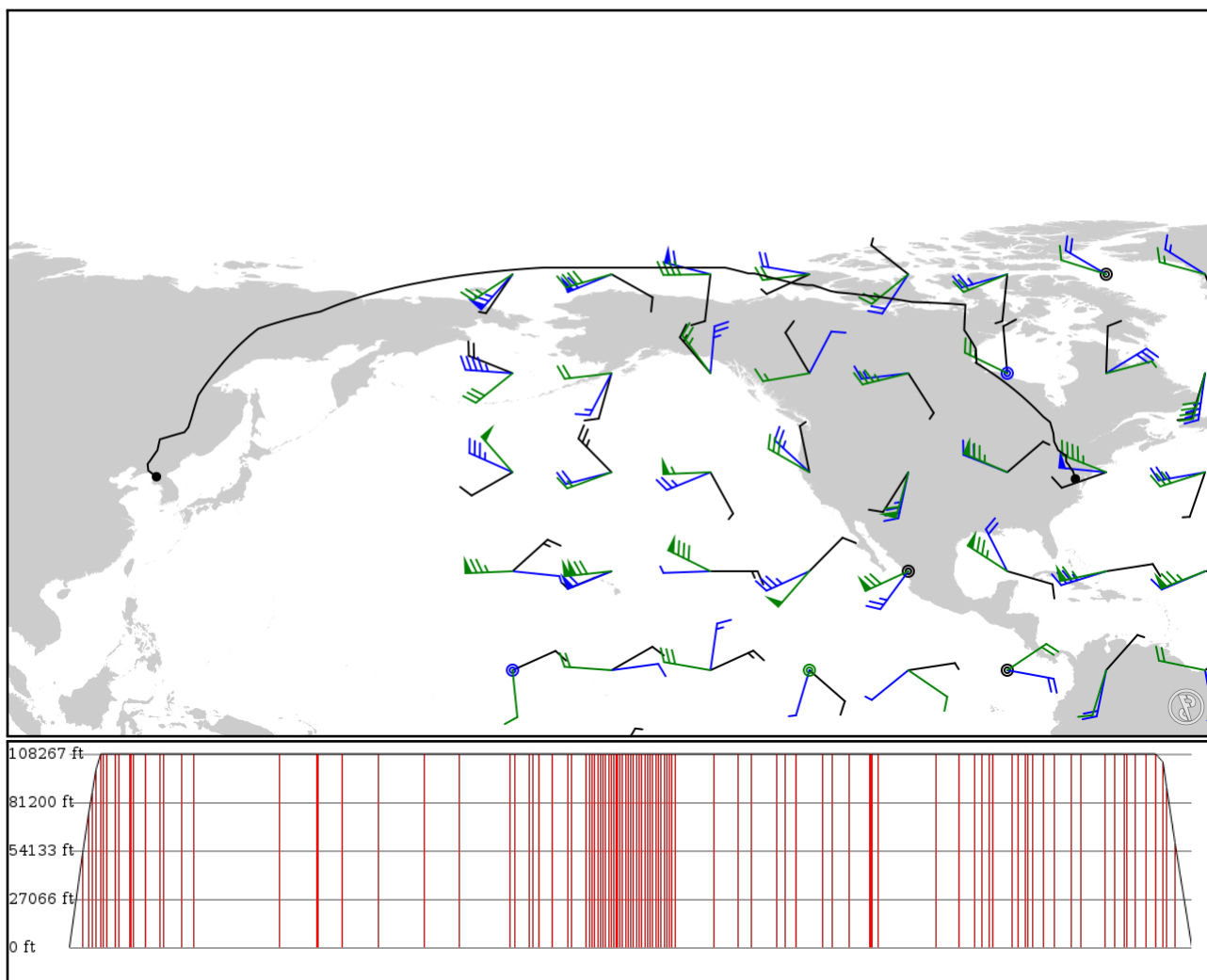
ZKPY

Pyongyang International

2024/06/07 1752Z

KDCA MICAH **J61** PSB **V265** BFD **V33** BUF WOZEE **Q917** PEPLA BOLMO YMS **V164** YSB **V5** YYU **NCA24** YYQ YQ **AR7**
BK **AR22** YHK **RR30** CB **AR7** HI 7100N-11900W 7200N-12200W 7200N-12300W TAKVO 7300N-12800W 7400N-13200W
7400N-13300W 7500N-13700W 7500N-13800W 7500N-13900W 7500N-14000W 7500N-14100W 7500N-14200W
7500N-14300W 7500N-14400W 7500N-14500W 7500N-14600W 7500N-14700W ADZ06 7500N-14800W 7500N-14900W
7500N-15000W 7500N-15100W 7500N-15200W 7500N-15300W 7500N-15400W 7500N-15500W 7500N-15600W
7500N-15700W 7500N-15800W 7500N-15900W 7500N-16000W 7500N-16100W 7500N-16200W 7500N-16300W
7500N-16400W 7500N-16500W 7500N-16600W 7500N-16700W 7500N-16800W BARIP **B722** OLMIN **G912** NERPA
B806 MAGIT **R213** JMU JMU **G212** HRB HRB **A588** BIDIB **A345** DDG ZKPY

6320.14 nm / 11704.90 km



Notes

Basic altitude profile:

- Ascent Rate: 1200ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- Cruise Speed: 360kts
- Descent Rate: 1200ft/min

- Descent Speed: 220kts

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
KDCA APT	-	38.85140 -77.03770	0 ft 0 m	-	Ronald Reagan Airport
MICAH FIX	-	40.15920 -77.44640	16,100 ft 4,907 m	80	-
BURNI FIX	J61 AWY-HI	40.65680 -77.80390	22,900 ft 6,980 m	34	-
PSB VOR	J61 AWY-HI	40.91630 -77.99270	26,500 ft 8,077 m	17	PHILIPSBURG
ETG VOR	V265 AWY-LO	41.21500 -78.14280	30,300 ft 9,235 m	19	KEATING
CLERO FIX	V265 AWY-LO	41.58090 -78.44680	33,000 ft 10,058 m	25	-
BFD VOR	V265 AWY-LO	41.78640 -78.61930	33,000 ft 10,058 m	14	BRADFORD
VAIRS FIX	V33 AWY-LO	42.14650 -78.62770	33,000 ft 10,058 m	21	-
BUF VOR	V33 AWY-LO	42.92900 -78.64630	33,000 ft 10,058 m	47	BUFFALO
WOZEE FIX	-	42.93380 -78.73880	33,000 ft 10,058 m	4	-
HOZIR FIX	Q917 AWY-HI	43.10100 -79.03480	33,000 ft 10,058 m	16	-
PIKSA FIX	Q917 AWY-HI	43.12890 -79.07320	33,000 ft 10,058 m	2	-
PEPLA FIX	Q917 AWY-HI	43.79750 -80.01490	33,000 ft 10,058 m	57	-
BOLMO FIX	-	43.91000 -80.05250	33,000 ft 10,058 m	6	-
YMS VOR	-	44.14320 -80.14640	33,000 ft 10,058 m	14	MANS (MANSFIELD)
MONKK FIX	V164 AWY-LO	45.21690 -80.67100	33,000 ft 10,058 m	68	-
YSB VOR	V164 AWY-LO	46.62910 -80.79820	33,000 ft 10,058 m	84	SUDBURY
FRALK FIX	V5 AWY-LO	46.92690 -80.88330	33,000 ft 10,058 m	18	-
YTS VOR	V5 AWY-LO	48.57210 -81.37010	33,000 ft 10,058 m	100	TIMMINS
YYU NDB	V5 AWY-LO	49.46460 -82.50580	33,000 ft 10,058 m	69	KAPUSKASING
VILRA FIX	NCA24 AWY-HI	56.03060 -90.00000	33,000 ft 10,058 m	478	-
YYQ VOR	NCA24 AWY-HI	58.74170 -94.13530	33,000 ft 10,058 m	210	CHURCHILL
YQ NDB	-	58.76250 -93.95380	33,000 ft 10,058 m	5	CHURCHILL
YEK NDB	AR7 AWY-LO	61.09920 -94.06890	33,000 ft 10,058 m	140	ARVIAT
BK NDB	AR7 AWY-LO	64.31470 -96.06480	33,000 ft 10,058 m	200	BAKER
YHK NDB	AR22 AWY-LO	68.62610 -95.85830	33,000 ft 10,058 m	258	GJOA
CB	RR30	69.11480	33,000 ft	200	CAMBRIDGE

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-LO	-105.01600	10,058 m		
HI	AR7	70.76220	33,000 ft	280	HOLMAN
NDB	AWY-LO	-117.79000	10,058 m		
7100N-11900W	-	71.00000	33,000 ft	27	-
LATLON	-	-119.00000	10,058 m		
7200N-12200W	-	72.00000	33,000 ft	82	-
LATLON	-	-122.00000	10,058 m		
7200N-12300W	-	72.00000	33,000 ft	18	-
LATLON	-	-123.00000	10,058 m		
TAKVO	-	72.25000	33,000 ft	39	-
FIX	-	-125.00000	10,058 m		
7300N-12800W	-	73.00000	33,000 ft	70	-
LATLON	-	-128.00000	10,058 m		
7400N-13200W	-	74.00000	33,000 ft	90	-
LATLON	-	-132.00000	10,058 m		
7400N-13300W	-	74.00000	33,000 ft	16	-
LATLON	-	-133.00000	10,058 m		
7500N-13700W	-	75.00000	33,000 ft	87	-
LATLON	-	-137.00000	10,058 m		
7500N-13800W	-	75.00000	33,000 ft	15	-
LATLON	-	-138.00000	10,058 m		
7500N-13900W	-	75.00000	33,000 ft	15	-
LATLON	-	-139.00000	10,058 m		
7500N-14000W	-	75.00000	33,000 ft	15	-
LATLON	-	-140.00000	10,058 m		
7500N-14100W	-	75.00000	33,000 ft	15	-
LATLON	-	-141.00000	10,058 m		
7500N-14200W	-	75.00000	33,000 ft	15	-
LATLON	-	-142.00000	10,058 m		
7500N-14300W	-	75.00000	33,000 ft	15	-
LATLON	-	-143.00000	10,058 m		
7500N-14400W	-	75.00000	33,000 ft	15	-
LATLON	-	-144.00000	10,058 m		
7500N-14500W	-	75.00000	33,000 ft	15	-
LATLON	-	-145.00000	10,058 m		
7500N-14600W	-	75.00000	33,000 ft	15	-
LATLON	-	-146.00000	10,058 m		
7500N-14700W	-	75.00000	33,000 ft	15	-
LATLON	-	-147.00000	10,058 m		
ADZ06	-	75.00000	33,000 ft	10	-
FIX	-	-147.68300	10,058 m		
7500N-14800W	-	75.00000	33,000 ft	4	-
LATLON	-	-148.00000	10,058 m		
7500N-14900W	-	75.00000	33,000 ft	15	-
LATLON	-	-149.00000	10,058 m		
7500N-15000W	-	75.00000	33,000 ft	15	-
LATLON	-	-150.00000	10,058 m		
7500N-15100W	-	75.00000	33,000 ft	15	-
LATLON	-	-151.00000	10,058 m		
7500N-15200W	-	75.00000	33,000 ft	15	-
LATLON	-	-152.00000	10,058 m		
7500N-15300W	-	75.00000	33,000 ft	15	-
LATLON	-	-153.00000	10,058 m		
7500N-15400W	-	75.00000	33,000 ft	15	-
LATLON	-	-154.00000	10,058 m		
7500N-15500W	-	75.00000	33,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-155.00000	10,058 m		
7500N-15600W	-	75.00000	33,000 ft	15	-
LATLON	-	-156.00000	10,058 m		
7500N-15700W	-	75.00000	33,000 ft	15	-
LATLON	-	-157.00000	10,058 m		
7500N-15800W	-	75.00000	33,000 ft	15	-
LATLON	-	-158.00000	10,058 m		
7500N-15900W	-	75.00000	33,000 ft	15	-
LATLON	-	-159.00000	10,058 m		
7500N-16000W	-	75.00000	33,000 ft	15	-
LATLON	-	-160.00000	10,058 m		
7500N-16100W	-	75.00000	33,000 ft	15	-
LATLON	-	-161.00000	10,058 m		
7500N-16200W	-	75.00000	33,000 ft	15	-
LATLON	-	-162.00000	10,058 m		
7500N-16300W	-	75.00000	33,000 ft	15	-
LATLON	-	-163.00000	10,058 m		
7500N-16400W	-	75.00000	33,000 ft	15	-
LATLON	-	-164.00000	10,058 m		
7500N-16500W	-	75.00000	33,000 ft	15	-
LATLON	-	-165.00000	10,058 m		
7500N-16600W	-	75.00000	33,000 ft	15	-
LATLON	-	-166.00000	10,058 m		
7500N-16700W	-	75.00000	33,000 ft	15	-
LATLON	-	-167.00000	10,058 m		
7500N-16800W	-	75.00000	33,000 ft	15	-
LATLON	-	-168.00000	10,058 m		
BARIP	-	74.95000	33,000 ft	15	-
FIX	-	-168.97300	10,058 m		
GINEG	B722	73.70580	33,000 ft	219	-
FIX	AWY-HI	178.26400	10,058 m		
RUSOB	B722	72.57030	33,000 ft	136	-
FIX	AWY-HI	171.46900	10,058 m		
LUTEM	B722	71.89030	33,000 ft	75	-
FIX	AWY-HI	168.00400	10,058 m		
RITOT	B722	70.43060	33,000 ft	143	-
FIX	AWY-HI	162.14500	10,058 m		
TIDRO	B722	69.91560	33,000 ft	46	-
FIX	AWY-HI	160.41200	10,058 m		
OLKES	B722	69.26060	33,000 ft	57	-
FIX	AWY-HI	158.39800	10,058 m		
OLMIN	B722	67.46690	33,000 ft	149	-
FIX	AWY-HI	153.71900	10,058 m		
OSLED	G912	66.99030	33,000 ft	56	-
FIX	AWY-HI	151.61200	10,058 m		
LIRTA	G912	66.12560	33,000 ft	96	-
FIX	AWY-HI	148.20600	10,058 m		
LUMON	G912	65.05060	33,000 ft	110	-
FIX	AWY-HI	144.57200	10,058 m		
DIRKI	G912	64.94530	33,000 ft	10	-
FIX	AWY-HI	144.25500	10,058 m		
RITUR	G912	64.85560	33,000 ft	8	-
FIX	AWY-HI	143.98900	10,058 m		
NERPA	G912	64.54890	33,000 ft	29	-
FIX	AWY-HI	143.10500	10,058 m		
SUROK	B806	59.69780	33,000 ft	325	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	137.89400	10,058 m		
NELAG	B806	57.64220	33,000 ft	134	-
FIX	AWY-HI	136.16300	10,058 m		
BENAN	B806	56.30190	33,000 ft	87	-
FIX	AWY-HI	135.08400	10,058 m		
RUGIM	B806	55.72330	33,000 ft	37	-
FIX	AWY-HI	134.64300	10,058 m		
MOKSI	B806	55.10110	33,000 ft	40	-
FIX	AWY-HI	134.18500	10,058 m		
LIGDA	B806	54.80860	33,000 ft	19	-
FIX	AWY-HI	133.97400	10,058 m		
FA	B806	53.13530	33,000 ft	108	EKIMCHAN
NDB	AWY-HI	132.83100	10,058 m		
NEGOD	B806	52.55720	33,000 ft	35	-
FIX	AWY-HI	132.64300	10,058 m		
DOTAK	B806	51.90810	33,000 ft	39	-
FIX	AWY-HI	132.43800	10,058 m		
NEBUL	B806	51.62530	33,000 ft	17	-
FIX	AWY-HI	132.35000	10,058 m		
KEGES	B806	51.19140	33,000 ft	26	-
FIX	AWY-HI	132.21800	10,058 m		
MORAB	B806	50.23280	33,000 ft	58	-
FIX	AWY-HI	131.93500	10,058 m		
GUDMA	B806	50.19470	33,000 ft	2	-
FIX	AWY-HI	131.92400	10,058 m		
REDGA	B806	49.22860	33,000 ft	58	-
FIX	AWY-HI	131.65100	10,058 m		
MAGIT	B806	47.69190	33,000 ft	94	-
FIX	AWY-HI	131.15000	10,058 m		
JMU	R213	46.84170	33,000 ft	58	JIAMUSI
VOR	AWY-HI	130.46500	10,058 m		
JMU	-	46.83830	33,000 ft	0	JIAMUSI VOR-DME
DME	-	130.46200	10,058 m		
IGADO	G212	45.96330	33,000 ft	136	-
FIX	AWY-HI	127.41200	10,058 m		
HRB	G212	45.62670	33,000 ft	52	HARBIN
VOR	AWY-HI	126.26000	10,058 m		
HRB	-	45.62330	33,000 ft	0	HARBIN VOR-DME
DME	-	126.26000	10,058 m		
PABKI	A588	44.73170	33,000 ft	54	-
FIX	AWY-HI	126.06000	10,058 m		
ISBOP	A588	44.47500	33,000 ft	15	-
FIX	AWY-HI	126.00300	10,058 m		
LJB	A588	43.77330	33,000 ft	42	WANCHANG
VOR	AWY-HI	125.85200	10,058 m		
LEMOT	A588	42.82500	33,000 ft	64	-
FIX	AWY-HI	125.18300	10,058 m		
NUBKI	A588	41.98000	33,000 ft	56	-
FIX	AWY-HI	124.59800	10,058 m		
BIDIB	A588	41.40670	31,600 ft	39	-
FIX	AWY-HI	124.16300	9,632 m		
ANSUK	A345	41.04830	27,300 ft	21	-
FIX	AWY-HI	124.19300	8,321 m		
DDG	A345	40.26000	17,800 ft	47	DANDONG VOR-DME
DME	AWY-HI	124.28800	5,425 m		
ZKPY	-	39.22520	0 ft	89	Pyongyang International

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
APT	-	125.67300	0 m		

KDCA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 15 ft / 5 m
Location: 38.851400 -77.037700
Magnetic Var: 10.880 W

METAR

KDCA 071652Z 29012G19KT 10SM BKN075 30/11 A2965 RMK A02 SLP041 T03000106

TAF

KDCA 071459Z 0715/0818 25014G22KT P6SM SCT060 SCT110 FM080100 29007KT P6SM FEW070 FEW250 FM081400 28010KT P6SM SC

Frequencies

REC - 132.65 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.25 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - WASHINGTON GROUND
TWR - 119.10 MHz - WASHINGTON TOWER	TWR - 134.35 MHz - WASHINGTON TOWER
APP - 119.85 MHz - POTOMAC APPROACH	APP - 124.20 MHz - POTOMAC APPROACH
APP - 124.70 MHz - POTOMAC APPROACH	DEP - 118.95 MHz - POTOMAC DEPARTURE
DEP - 125.65 MHz - POTOMAC DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,183 ft	355.53	ASPHALT	0 ft	200 ft
	46 m	2,190 m	6.41		0 m	61 m
19	151 ft	7,183 ft	175.53	ASPHALT	0 ft	197 ft
	46 m	2,190 m	186.41		0 m	60 m
15	151 ft	5,205 ft	142.76	ASPHALT	0 ft	413 ft
	46 m	1,587 m	153.64		0 m	126 m
33	151 ft	5,205 ft	322.77	ASPHALT	0 ft	180 ft
	46 m	1,587 m	333.65		0 m	55 m
04	151 ft	5,009 ft	25.45	ASPHALT	203 ft	0 ft
	46 m	1,527 m	36.33		62 m	0 m
22	151 ft	5,009 ft	205.46	ASPHALT	0 ft	381 ft
	46 m	1,527 m	216.34		0 m	116 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IDCA	109.90 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
19	DME	IVWH	108.50 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
01	LOC-ILS	IDCA	109.90 MHz	18 nm	355.51	-	15 ft
				33 km	6.39		15 m
01	GS	IDCA	109.90 MHz	10 nm	355.51	3.00	15 ft
				19 km	6.39		15 m

ZKPY

Region: NORTH KOREA
Timezone: ASIA/PYONGYANG
Runways: 2

Elevation: 89 ft / 27 m
Location: 39.225400 125.673000
Magnetic Var: 9.181 W

METAR

UNKNOWN

TAF

UNKNOWN

Frequencies

TWR - 118.30 MHz - PYONGYANG TOWER

APP - 133.90 MHz - PYONGYANG APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	197 ft	13,148 ft	0.67	CONCRETE	328 ft	0 ft
	60 m	4,008 m	9.85		100 m	0 m
19	197 ft	13,148 ft	180.67	CONCRETE	335 ft	0 ft
	60 m	4,008 m	189.85		102 m	0 m
17	197 ft	11,281 ft	163.03	CONCRETE	0 ft	328 ft
	60 m	3,439 m	172.21		0 m	100 m
35	197 ft	11,281 ft	343.03	CONCRETE	0 ft	246 ft
	60 m	3,439 m	352.21		0 m	75 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	LOC-ILS	IGE	109.50 MHz	18 nm	163.03	-	89 ft
				33 km	172.21		89 m
35	LOC-ILS	LW	109.90 MHz	18 nm	343.03	-	89 ft
				33 km	352.21		89 m
17	GS	IGE	109.50 MHz	10 nm	163.03	3.00	89 ft
				19 km	172.21		89 m
35	GS	LW	109.90 MHz	10 nm	343.03	3.00	89 ft
				19 km	352.21		89 m