

KDTW

Detroit Metro International Airport

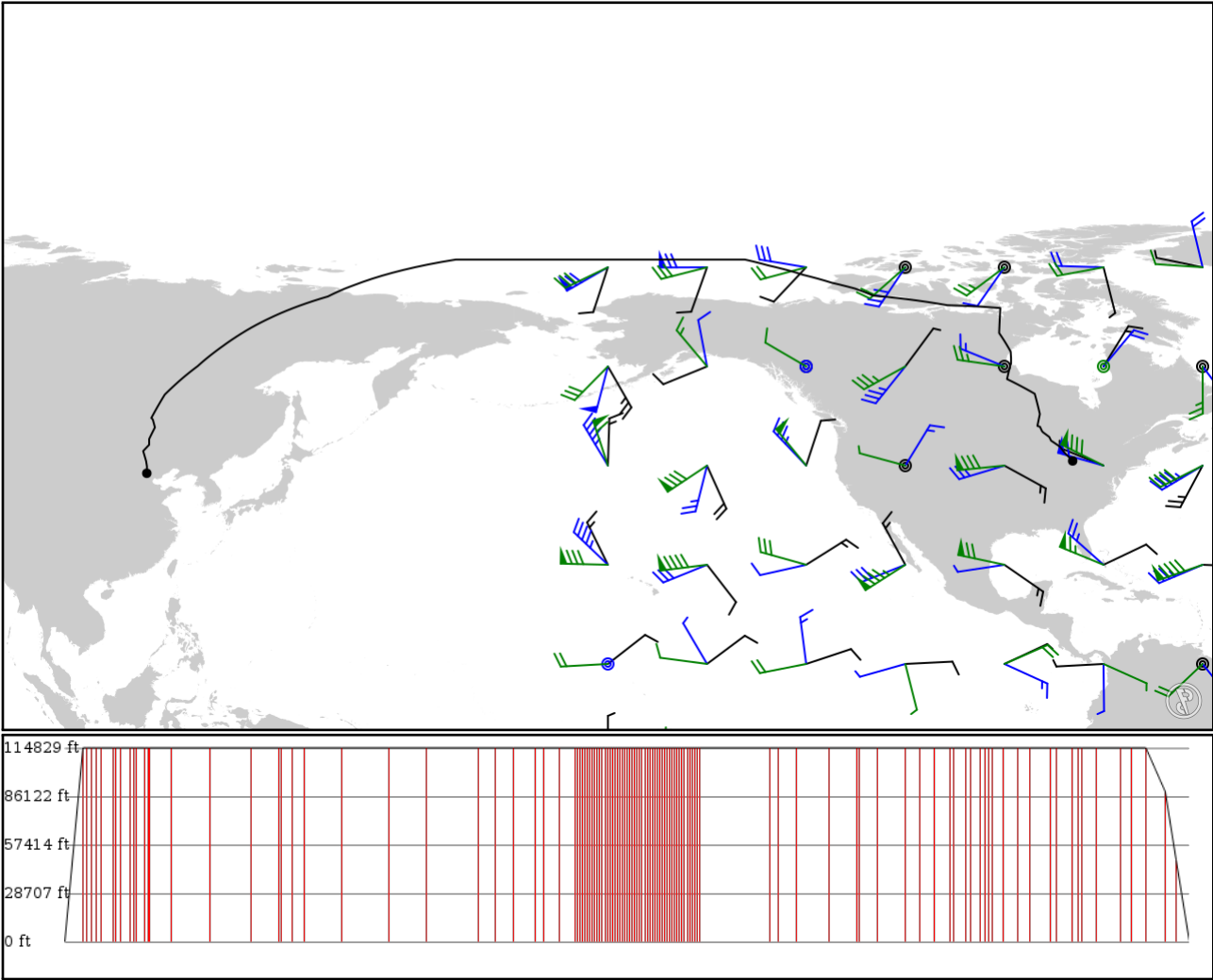
ZBAA

Beijing-Capital

2024/05/20 0908Z

KDTW MOP **V320** TVC **V133** VAYUC KJNGG **V300** YQT QT **BR9** YGX **J89** YYQ 5900N09400W 6000N09400W YEK **AR7** BK  
**AR22** YHK **RR30** CB **AR7** HI 7200N12100W 7300N12500W RODLU 7500N13200W 7600N13600W 7700N14000W  
7700N14100W 7700N14200W 7700N14300W 7700N14400W 7700N14500W 7700N14600W 7700N14700W 7700N14800W  
7700N14900W 7700N15000W 7700N15100W 7700N15200W 7700N15300W 7700N15400W 7700N15500W 7700N15600W  
7700N15700W 7700N15800W 7700N15900W 7700N16000W 7700N16100W 7700N16200W 7700N16300W 7700N16400W  
7700N16500W 7700N16600W 7700N16700W 7700N16800W 7700N16900W 7700N17000W 7700N17100W 7700N17200W  
7700N17300W 7700N17400W 7700N18600E 7700N17500W 7700N18500E 7700N17600W 7700N18400E 7700N17700W  
7700N17800W 7700N18100E 7700N18000W 7700N18000E 7700N18100W 7700N18200W 7700N17700E 7700N17600E  
7700N17500E 7700N17400E 7700N17300E 7700N17200E 7700N17100E DILSA **G494** LURET **G495** TELOK MANLI  
**W539** MZL 4800N11800E 4600N11700E 4500N11700E HOT **W33** PIDOX ZBAA

6094.11 nm / 11286.30 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
KDTW	-	42.21220	0 ft	-		Detroit Metro International Airport
APT	-	-83.35260	0 m			
MOP	-	43.62280	35,000 ft	104		MOUNT PLEASANT
VOR	-	-84.73730	10,668 m			
ICADA	V320	43.87200	35,000 ft	17	-	
FIX	AWY-LO	-84.92810	10,668 m			
ZOLOX	V320	44.21050	35,000 ft	23	-	
FIX	AWY-LO	-85.19020	10,668 m			
TVC	V320	44.66790	35,000 ft	31		TRAVERSE CITY
VOR	AWY-LO	-85.55000	10,668 m			
CUBKO	V133	44.91230	35,000 ft	20	-	
FIX	AWY-LO	-85.89890	10,668 m			
ESC	V133	45.72260	35,000 ft	69		ESCANABA
VOR	AWY-LO	-87.08960	10,668 m			
ZALKI	V133	45.88060	35,000 ft	10	-	
FIX	AWY-LO	-87.16530	10,668 m			
VNZNT	V133	45.91220	35,000 ft	2	-	
FIX	AWY-LO	-87.18050	10,668 m			
SAW	V133	46.35890	35,000 ft	28		SAWYER
VOR	AWY-LO	-87.39740	10,668 m			
PEVXI	V133	46.96300	35,000 ft	49	-	
FIX	AWY-LO	-88.20290	10,668 m			
CMX	V133	47.17030	35,000 ft	16		HOUGHTON (HANCOCK)
VOR	AWY-LO	-88.48540	10,668 m			
VAYUC	V133	47.37140	35,000 ft	13	-	
FIX	AWY-LO	-88.65870	10,668 m			
KJNGG	-	48.11160	35,000 ft	46	-	
FIX	-	-89.00400	10,668 m			
YQT	V300	48.25390	35,000 ft	19		THUNDER BAY
VOR	AWY-LO	-89.43720	10,668 m			
QT	-	48.34630	35,000 ft	5		THUNDER BAY
NDB	-	-89.43390	10,668 m			
YYW	BR9	50.30780	35,000 ft	118		ARMSTRONG
NDB	AWY-LO	-89.02220	10,668 m			
YTL	BR9	53.81580	35,000 ft	213		BIG TROUT LAKE
NDB	AWY-LO	-89.91290	10,668 m			
YGX	BR9	56.35320	35,000 ft	224		GILLAM
NDB	AWY-LO	-94.70000	10,668 m			
YYQ	J89	58.74170	35,000 ft	144		CHURCHILL
VOR	AWY-HI	-94.13530	10,668 m			
5900N09400W	-	59.00000	35,000 ft	16	-	
LATLON	-	-94.00000	10,668 m			
6000N09400W	-	60.00000	35,000 ft	60	-	
LATLON	-	-94.00000	10,668 m			
YEK	-	61.09910	35,000 ft	66		ARVIAT
NDB	-	-94.06890	10,668 m			
BK	AR7	64.31470	35,000 ft	200		BAKER LAKE
NDB	AWY-LO	-96.06470	10,668 m			
YHK	AR22	68.62610	35,000 ft	258		GJOA HAVEN
NDB	AWY-LO	-95.85890	10,668 m			
CB	RR30	69.11480	35,000 ft	200		CAMBRIDGE BAY
NDB	AWY-LO	-105.01600	10,668 m			
HI	AR7	70.76220	35,000 ft	280		HOLMAN

Ident Type NDB	Via AWY-LO	Lat Lon	Alt 10,668 m	Dist (nm)	Name
7200N12100W	-	72.00000	35,000 ft	96	-
LATLON	-	-121.00000	10,668 m		
7300N12500W	-	73.00000	35,000 ft	93	-
LATLON	-	-125.00000	10,668 m		
RODLU	-	74.38000	35,000 ft	118	-
FIX	-	-130.00000	10,668 m		
7500N13200W	-	75.00000	35,000 ft	48	-
LATLON	-	-132.00000	10,668 m		
7600N13600W	-	76.00000	35,000 ft	84	-
LATLON	-	-136.00000	10,668 m		
7700N14000W	-	77.00000	35,000 ft	82	-
LATLON	-	-140.00000	10,668 m		
7700N14100W	-	77.00000	35,000 ft	13	-
LATLON	-	-141.00000	10,668 m		
7700N14200W	-	77.00000	35,000 ft	13	-
LATLON	-	-142.00000	10,668 m		
7700N14300W	-	77.00000	35,000 ft	13	-
LATLON	-	-143.00000	10,668 m		
7700N14400W	-	77.00000	35,000 ft	13	-
LATLON	-	-144.00000	10,668 m		
7700N14500W	-	77.00000	35,000 ft	13	-
LATLON	-	-145.00000	10,668 m		
7700N14600W	-	77.00000	35,000 ft	13	-
LATLON	-	-146.00000	10,668 m		
7700N14700W	-	77.00000	35,000 ft	13	-
LATLON	-	-147.00000	10,668 m		
7700N14800W	-	77.00000	35,000 ft	13	-
LATLON	-	-148.00000	10,668 m		
7700N14900W	-	77.00000	35,000 ft	13	-
LATLON	-	-149.00000	10,668 m		
7700N15000W	-	77.00000	35,000 ft	13	-
LATLON	-	-150.00000	10,668 m		
7700N15100W	-	77.00000	35,000 ft	13	-
LATLON	-	-151.00000	10,668 m		
7700N15200W	-	77.00000	35,000 ft	13	-
LATLON	-	-152.00000	10,668 m		
7700N15300W	-	77.00000	35,000 ft	13	-
LATLON	-	-153.00000	10,668 m		
7700N15400W	-	77.00000	35,000 ft	13	-
LATLON	-	-154.00000	10,668 m		
7700N15500W	-	77.00000	35,000 ft	13	-
LATLON	-	-155.00000	10,668 m		
7700N15600W	-	77.00000	35,000 ft	13	-
LATLON	-	-156.00000	10,668 m		
7700N15700W	-	77.00000	35,000 ft	13	-
LATLON	-	-157.00000	10,668 m		
7700N15800W	-	77.00000	35,000 ft	13	-
LATLON	-	-158.00000	10,668 m		
7700N15900W	-	77.00000	35,000 ft	13	-
LATLON	-	-159.00000	10,668 m		
7700N16000W	-	77.00000	35,000 ft	13	-
LATLON	-	-160.00000	10,668 m		
7700N16100W	-	77.00000	35,000 ft	13	-
LATLON	-	-161.00000	10,668 m		
7700N16200W	-	77.00000	35,000 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-162.00000	10,668 m		
7700N16300W	-	77.00000	35,000 ft	13	-
LATLON	-	-163.00000	10,668 m		
7700N16400W	-	77.00000	35,000 ft	13	-
LATLON	-	-164.00000	10,668 m		
7700N16500W	-	77.00000	35,000 ft	13	-
LATLON	-	-165.00000	10,668 m		
7700N16600W	-	77.00000	35,000 ft	13	-
LATLON	-	-166.00000	10,668 m		
7700N16700W	-	77.00000	35,000 ft	13	-
LATLON	-	-167.00000	10,668 m		
7700N16800W	-	77.00000	35,000 ft	13	-
LATLON	-	-168.00000	10,668 m		
7700N16900W	-	77.00000	35,000 ft	13	-
LATLON	-	-169.00000	10,668 m		
7700N17000W	-	77.00000	35,000 ft	13	-
LATLON	-	-170.00000	10,668 m		
7700N17100W	-	77.00000	35,000 ft	13	-
LATLON	-	-171.00000	10,668 m		
7700N17200W	-	77.00000	35,000 ft	13	-
LATLON	-	-172.00000	10,668 m		
7700N17300W	-	77.00000	35,000 ft	13	-
LATLON	-	-173.00000	10,668 m		
7700N17400W	-	77.00000	35,000 ft	13	-
LATLON	-	-174.00000	10,668 m		
7700N18600E	-	77.00000	35,000 ft	0	-
LATLON	-	-174.00000	10,668 m		
7700N17500W	-	77.00000	35,000 ft	13	-
LATLON	-	-175.00000	10,668 m		
7700N18500E	-	77.00000	35,000 ft	0	-
LATLON	-	-175.00000	10,668 m		
7700N17600W	-	77.00000	35,000 ft	13	-
LATLON	-	-176.00000	10,668 m		
7700N18400E	-	77.00000	35,000 ft	0	-
LATLON	-	-176.00000	10,668 m		
7700N17700W	-	77.00000	35,000 ft	13	-
LATLON	-	-177.00000	10,668 m		
7700N17800W	-	77.00000	35,000 ft	13	-
LATLON	-	-178.00000	10,668 m		
7700N18100E	-	77.00000	35,000 ft	13	-
LATLON	-	-179.00000	10,668 m		
7700N18000W	-	77.00000	35,000 ft	13	-
LATLON	-	-180.00000	10,668 m		
7700N18000E	-	77.00000	35,000 ft	0	-
LATLON	-	-180.00000	10,668 m		
7700N18100W	-	77.00000	35,000 ft	13	-
LATLON	-	-181.00000	10,668 m		
7700N18200W	-	77.00000	35,000 ft	13	-
LATLON	-	-182.00000	10,668 m		
7700N17700E	-	77.00000	35,000 ft	13	-
LATLON	-	177.00000	10,668 m		
7700N17600E	-	77.00000	35,000 ft	13	-
LATLON	-	176.00000	10,668 m		
7700N17500E	-	77.00000	35,000 ft	13	-
LATLON	-	175.00000	10,668 m		
7700N17400E	-	77.00000	35,000 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	174.00000	10,668 m		
7700N17300E	-	77.00000	35,000 ft	13	-
LATLON	-	173.00000	10,668 m		
7700N17200E	-	77.00000	35,000 ft	13	-
LATLON	-	172.00000	10,668 m		
7700N17100E	-	77.00000	35,000 ft	13	-
LATLON	-	171.00000	10,668 m		
DILSA	-	77.00030	35,000 ft	13	-
FIX	-	170.00500	10,668 m		
TURDI	G494	72.60560	35,000 ft	379	-
FIX	AWY-HI	152.46700	10,668 m		
UTARO	G494	71.95560	35,000 ft	49	-
FIX	AWY-HI	150.76300	10,668 m		
LURET	G494	70.62560	35,000 ft	97	-
FIX	AWY-HI	147.89900	10,668 m		
KURAG	G495	68.63220	35,000 ft	172	-
FIX	AWY-HI	141.92600	10,668 m		
KORIP	G495	66.73060	35,000 ft	152	-
FIX	AWY-HI	137.52200	10,668 m		
RODOK	G495	66.56220	35,000 ft	13	-
FIX	AWY-HI	137.17000	10,668 m		
PESEK	G495	65.25720	35,000 ft	99	-
FIX	AWY-HI	134.68500	10,668 m		
RIGNA	G495	63.21560	35,000 ft	149	-
FIX	AWY-HI	131.38300	10,668 m		
UTS	G495	62.09250	35,000 ft	80	YAKUTSK
VOR	AWY-HI	129.78500	10,668 m		
TIRSI	G495	60.95890	35,000 ft	81	-
FIX	AWY-HI	128.24100	10,668 m		
BAKOD	G495	59.82560	35,000 ft	80	-
FIX	AWY-HI	126.81400	10,668 m		
DILAG	G495	59.47720	35,000 ft	24	-
FIX	AWY-HI	126.39600	10,668 m		
ARDIB	G495	58.60060	35,000 ft	60	-
FIX	AWY-HI	125.40100	10,668 m		
DOKUR	G495	58.23390	35,000 ft	26	-
FIX	AWY-HI	124.91100	10,668 m		
LAGOR	G495	57.48390	35,000 ft	54	-
FIX	AWY-HI	123.95100	10,668 m		
BANLI	G495	57.15780	35,000 ft	23	-
FIX	AWY-HI	123.54800	10,668 m		
MAKIN	G495	56.81390	35,000 ft	24	-
FIX	AWY-HI	123.13200	10,668 m		
IDMIR	G495	56.62610	35,000 ft	13	-
FIX	AWY-HI	122.90900	10,668 m		
NUDKA	G495	56.55060	35,000 ft	5	-
FIX	AWY-HI	122.82000	10,668 m		
NISOT	G495	55.71890	35,000 ft	59	-
FIX	AWY-HI	121.86800	10,668 m		
DITSI	G495	54.63030	35,000 ft	76	-
FIX	AWY-HI	120.68600	10,668 m		
KU	G495	53.68530	35,000 ft	66	MOGOCHA
NDB	AWY-HI	119.71000	10,668 m		
AGABI	G495	51.99560	35,000 ft	107	-
FIX	AWY-HI	118.69700	10,668 m		
GETRU	G495	51.44060	35,000 ft	35	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	118.37600	10,668 m		
PENOL	G495	50.16690	35,000 ft	81	-
FIX	AWY-HI	117.66700	10,668 m		
TELOK	G495	49.63330	35,000 ft	34	-
FIX	AWY-HI	117.36700	10,668 m		
MANLI	-	49.58330	35,000 ft	4	-
FIX	-	117.45000	10,668 m		
MZL	W539	49.32830	35,000 ft	17	MANZHOULI
VOR	AWY-HI	117.64500	10,668 m		
4800N11800E	-	48.00000	35,000 ft	81	-
LATLON	-	118.00000	10,668 m		
4600N11700E	-	46.00000	35,000 ft	126	-
LATLON	-	117.00000	10,668 m		
4500N11700E	-	45.00000	35,000 ft	60	-
LATLON	-	117.00000	10,668 m		
HOT	-	43.91500	35,000 ft	78	XILINHOT
VOR	-	115.96700	10,668 m		
AKPAD	W33	42.18500	27,100 ft	106	-
FIX	AWY-HI	116.47500	8,260 m		
PIDOX	W33	41.23500	14,800 ft	57	-
FIX	AWY-HI	116.62500	4,511 m		
ZBAA	-	40.07870	0 ft	69	Beijing-Capital
APT	-	116.59500	0 m		

## KDTW

Region: UNITED STATES  
Timezone: AMERICA/DETROIT  
Runways: 6

Elevation: 645 ft / 197 m  
Location: 42.212200 -83.352600  
Magnetic Var: 7.492 W

## METAR

KDTW 200753Z 04006KT 6SM BR SCT150 BKN250 17/16 A2995 RMK A02 SLP136 T01720156 \$

## TAF

KDTW 200848Z 2009/2112 05005KT P6SM SCT100 BKN250 TEMPO 2009/2012 5SM BR FM201700 21008KT P6SM SCT080 SCT250 PROB

## Frequencies

REC - 118.12 MHz - ATIS	REC - 133.67 MHz - ATIS
COM - 122.95 MHz - UNICOM	CLD - 120.65 MHz - CLEARANCE DELIVERY
GND - 119.25 MHz - METRO GROUND	GND - 119.45 MHz - METRO GROUND
GND - 121.80 MHz - METRO GROUND	GND - 132.72 MHz - METRO GROUND
TWR - 118.40 MHz - METRO TOWER	TWR - 128.12 MHz - METRO TOWER
TWR - 128.75 MHz - METRO TOWER	TWR - 135.00 MHz - METRO TOWER
APP - 124.05 MHz - DETROIT APPROACH	APP - 125.15 MHz - DETROIT APPROACH
DEP - 118.95 MHz - DETROIT DEPARTURE	DEP - 125.52 MHz - DETROIT DEPARTURE
DEP - 132.02 MHz - DETROIT DEPARTURE	DEP - 134.30 MHz - DETROIT DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	200 ft	12,011 ft	28.61	CONCRETE	512 ft	397 ft
	61 m	3,661 m	36.11		156 m	121 m
22L	200 ft	12,011 ft	208.63	CONCRETE	0 ft	433 ft
	61 m	3,661 m	216.12		0 m	132 m
03R	151 ft	10,005 ft	28.61	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.10		0 m	122 m
21L	151 ft	10,005 ft	208.62	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.11		0 m	122 m
04L	151 ft	10,003 ft	28.58	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.07		0 m	122 m
22R	151 ft	10,003 ft	208.59	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.08		0 m	122 m
09L	151 ft	8,687 ft	88.70	CONCRETE	0 ft	400 ft
	46 m	2,648 m	96.19		0 m	122 m
27R	151 ft	8,687 ft	268.72	CONCRETE	0 ft	400 ft
	46 m	2,648 m	276.22		0 m	122 m
03L	150 ft	8,505 ft	28.62	CONCRETE	0 ft	400 ft
	46 m	2,592 m	36.12		0 m	122 m
21R	150 ft	8,505 ft	208.63	CONCRETE	0 ft	397 ft
	46 m	2,592 m	216.13		0 m	121 m
09R	151 ft	8,480 ft	88.71	CONCRETE	0 ft	400 ft
	46 m	2,585 m	96.20		0 m	122 m
27L	151 ft	8,480 ft	268.73	CONCRETE	0 ft	400 ft
	46 m	2,585 m	276.22		0 m	122 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
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Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHJT	111.95 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
04R	DME	IDTW	110.70 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
22L	DME	IDWC	110.70 MHz	18 nm	-	-	646 ft
				33 km	-		646 m
03R	LOC-ILS	IHUU	111.50 MHz	18 nm	28.62	-	645 ft
				33 km	36.11		645 m
04L	LOC-ILS	IHJT	111.95 MHz	18 nm	28.59	-	645 ft
				33 km	36.08		645 m
04R	LOC-ILS	IDTW	110.70 MHz	18 nm	28.63	-	645 ft
				33 km	36.12		645 m
21L	LOC-ILS	IEJR	111.50 MHz	18 nm	208.62	-	645 ft
				33 km	216.11		645 m
22L	LOC-ILS	IDWC	110.70 MHz	18 nm	208.63	-	645 ft
				33 km	216.12		645 m
22R	LOC-ILS	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.08		645 m
27L	LOC-ILS	IEPA	110.15 MHz	18 nm	268.72	-	645 ft
				33 km	276.21		645 m
27R	LOC-ILS	IDMI	108.50 MHz	18 nm	268.71	-	645 ft
				33 km	276.20		645 m
22R	LOC-LOC	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.08		645 m
03R	GS	IHUU	111.50 MHz	10 nm	28.62	3.00	645 ft
				19 km	36.11		645 m
04L	GS	IHJT	111.95 MHz	10 nm	28.59	3.00	645 ft
				19 km	36.08		645 m
04R	GS	IDTW	110.70 MHz	10 nm	28.63	3.00	645 ft
				19 km	36.12		645 m
21L	GS	IEJR	111.50 MHz	10 nm	208.62	3.00	645 ft
				19 km	216.11		645 m
22L	GS	IDWC	110.70 MHz	10 nm	208.63	2.85	645 ft
				19 km	216.12		645 m
22R	GS	IJKI	111.95 MHz	10 nm	208.59	3.00	645 ft
				19 km	216.08		645 m
27L	GS	IEPA	110.15 MHz	10 nm	268.72	3.00	645 ft
				19 km	276.21		645 m
27R	GS	IDMI	108.50 MHz	10 nm	268.71	3.00	645 ft
				19 km	276.20		645 m

## ZBAA

Region: CHINA  
Timezone: ASIA/SHANGHAI  
Runways: 3

Elevation: 115 ft / 35 m  
Location: 40.078700 116.595000  
Magnetic Var: 7.355 W

## METAR

ZBAA 200830Z 17005MPS 130V190 CAVOK 27/12 Q1015 NOSIG

## TAF

TAF TAF ZBAA 200300Z 2006/2106 18003MPS CAVOK TX28/2007Z TN16/2021Z

## 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	0.53		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	0.53		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	0.51		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