

# ZBAA

Beijing-Capital

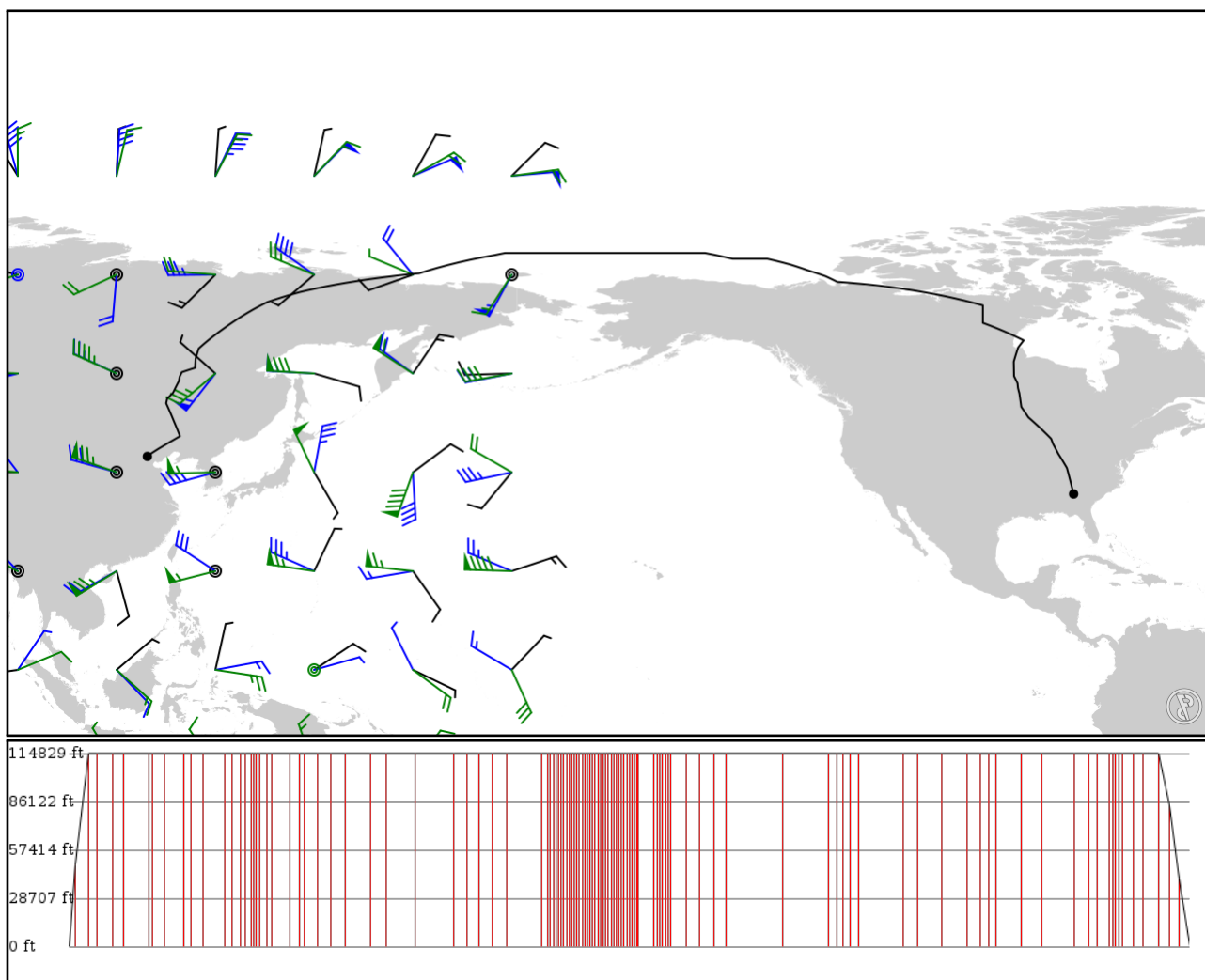
# KATL

Hartsfield Jackson Atlanta Intl

2024/05/06 0047Z

ZBAA CDY **G212** IKOKO TGO **W27** IKITI **A345** HLD 5000N12000E 5100N12100E 5300N12200E URUSA AMBAR **A801**  
IDELI **W139** NRG NRG **B959** ARDIB **G495** RODOK **B969** IPTER **R830** TUSET 7500N-18200W 7500N-18100W  
7500N-18000W 7500N-17900W 7500N-17800W 7500N-17700W 7500N-17600W 7500N-17500W 7500N-17400W  
7500N-17300W 7500N-17200W 7500N-17100W 7500N-17000W 7500N-16900W 7500N-16800W 7500N-16700W  
7500N-16600W 7500N-16500W 7500N-16400W 7500N-16300W 7500N-16200W 7500N-16100W 7500N-16000W  
7500N-15900W 7500N-15800W 7500N-15700W 7500N-15600W 7500N-15500W 7500N-15400W 7500N-15300W  
7500N-15200W 7500N-15100W 7500N-15000W 7500N-14900W 7500N-14800W ADZ06 7400N-14300W 7400N-14200W  
7400N-14100W 7400N-14000W 7400N-13900W 7400N-13800W 7400N-13700W 7300N-13300W 7200N-13000W  
7100N-12700W DASPO **NCA31** SEDAG DASBA 100A 100T 100B **NCA28** DUVER YQ **B1** YGX **J89** YIV **RR10** RL YRL  
**V133** JGKPL HLDOL **J538** DLH **J89** BAE **J101** OBK **J89** WUDEE KATL

6647.41 nm / 12311.00 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
ZBAA	-	40.07870	0 ft	-	Beijing-Capital
APT	-	116.59500	0 m		
CDY	-	40.57830	14,800 ft	41	CHEDAOYU
NDB	-	117.22300	4,511 m		
DABMA	G212	41.42170	35,000 ft	78	-
FIX	AWY-HI	118.54500	10,668 m		
UPNAT	G212	41.94330	35,000 ft	50	-
FIX	AWY-HI	119.42500	10,668 m		
IKOKO	G212	42.91170	35,000 ft	93	-
FIX	AWY-HI	121.07700	10,668 m		
TGO	-	43.56000	35,000 ft	62	TONGLIAO
VOR	-	122.19700	10,668 m		
IKITI	W27	45.91500	35,000 ft	147	-
FIX	AWY-HI	121.23500	10,668 m		
ELPUN	A345	46.30670	35,000 ft	24	-
FIX	AWY-HI	121.07200	10,668 m		
ABVAX	A345	47.46000	35,000 ft	72	-
FIX	AWY-HI	120.59000	10,668 m		
HLD	A345	49.20330	35,000 ft	109	HAILAR
VOR	AWY-HI	119.82200	10,668 m		
5000N12000E	-	50.00000	35,000 ft	48	-
LATLON	-	120.00000	10,668 m		
5100N12100E	-	51.00000	35,000 ft	71	-
LATLON	-	121.00000	10,668 m		
5300N12200E	-	53.00000	35,000 ft	125	-
LATLON	-	122.00000	10,668 m		
URUSA	-	53.76390	35,000 ft	46	-
FIX	-	122.13700	10,668 m		
AMBAR	-	54.55060	35,000 ft	49	-
FIX	-	122.51800	10,668 m		
AGUKA	A801	54.76060	35,000 ft	25	-
FIX	AWY-HI	123.14600	10,668 m		
PEMUK	A801	55.08970	35,000 ft	40	-
FIX	AWY-HI	124.16300	10,668 m		
SURAN	A801	55.20060	35,000 ft	13	-
FIX	AWY-HI	124.51600	10,668 m		
IDELI	A801	55.28390	35,000 ft	10	-
FIX	AWY-HI	124.78400	10,668 m		
UMGER	W139	55.66500	35,000 ft	22	-
FIX	AWY-HI	124.80500	10,668 m		
ORTEL	W139	56.38220	35,000 ft	43	-
FIX	AWY-HI	124.84600	10,668 m		
NRG	W139	56.90830	35,000 ft	31	NERYUNGRI Chulman VOR-DME
DME	AWY-HI	124.87900	10,668 m		
NRG	-	56.91220	35,000 ft	0	CHULMAN (NERYUNGRI)
VOR	-	124.89700	10,668 m		
ARDIB	B959	58.60060	35,000 ft	102	-
FIX	AWY-HI	125.40100	10,668 m		
DILAG	G495	59.47720	35,000 ft	60	-
FIX	AWY-HI	126.39600	10,668 m		
BAKOD	G495	59.82560	35,000 ft	24	-
FIX	AWY-HI	126.81400	10,668 m		
TIRSI	G495	60.95890	35,000 ft	80	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	128.24100	10,668 m		
UTS	G495	62.09250	35,000 ft	81	YAKUTSK
VOR	AWY-HI	129.78500	10,668 m		
RIGNA	G495	63.21560	35,000 ft	80	-
FIX	AWY-HI	131.38300	10,668 m		
PESEK	G495	65.25720	35,000 ft	149	-
FIX	AWY-HI	134.68500	10,668 m		
RODOK	G495	66.56220	35,000 ft	99	-
FIX	AWY-HI	137.17000	10,668 m		
BELEK	B969	68.28560	35,000 ft	165	-
FIX	AWY-HI	142.78700	10,668 m		
LUSOP	B969	70.13530	35,000 ft	230	-
FIX	AWY-HI	152.28500	10,668 m		
PETIV	B969	70.66030	35,000 ft	80	-
FIX	AWY-HI	155.94000	10,668 m		
AGURI	B969	71.06530	35,000 ft	67	-
FIX	AWY-HI	159.13300	10,668 m		
IPTER	B969	71.50000	35,000 ft	83	-
FIX	AWY-HI	163.24900	10,668 m		
GOPAN	R830	72.44970	35,000 ft	81	-
FIX	AWY-HI	166.38900	10,668 m		
TUSET	R830	74.64500	35,000 ft	212	-
FIX	AWY-HI	176.24400	10,668 m		
7500N-18200W	-	75.00000	35,000 ft	34	-
LATLON	-	-182.00000	10,668 m		
7500N-18100W	-	75.00000	35,000 ft	15	-
LATLON	-	-181.00000	10,668 m		
7500N-18000W	-	75.00000	35,000 ft	15	-
LATLON	-	-180.00000	10,668 m		
7500N-17900W	-	75.00000	35,000 ft	15	-
LATLON	-	-179.00000	10,668 m		
7500N-17800W	-	75.00000	35,000 ft	15	-
LATLON	-	-178.00000	10,668 m		
7500N-17700W	-	75.00000	35,000 ft	15	-
LATLON	-	-177.00000	10,668 m		
7500N-17600W	-	75.00000	35,000 ft	15	-
LATLON	-	-176.00000	10,668 m		
7500N-17500W	-	75.00000	35,000 ft	15	-
LATLON	-	-175.00000	10,668 m		
7500N-17400W	-	75.00000	35,000 ft	15	-
LATLON	-	-174.00000	10,668 m		
7500N-17300W	-	75.00000	35,000 ft	15	-
LATLON	-	-173.00000	10,668 m		
7500N-17200W	-	75.00000	35,000 ft	15	-
LATLON	-	-172.00000	10,668 m		
7500N-17100W	-	75.00000	35,000 ft	15	-
LATLON	-	-171.00000	10,668 m		
7500N-17000W	-	75.00000	35,000 ft	15	-
LATLON	-	-170.00000	10,668 m		
7500N-16900W	-	75.00000	35,000 ft	15	-
LATLON	-	-169.00000	10,668 m		
7500N-16800W	-	75.00000	35,000 ft	15	-
LATLON	-	-168.00000	10,668 m		
7500N-16700W	-	75.00000	35,000 ft	15	-
LATLON	-	-167.00000	10,668 m		
7500N-16600W	-	75.00000	35,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-166.00000	10,668 m		
7500N-16500W	-	75.00000	35,000 ft	15	-
LATLON	-	-165.00000	10,668 m		
7500N-16400W	-	75.00000	35,000 ft	15	-
LATLON	-	-164.00000	10,668 m		
7500N-16300W	-	75.00000	35,000 ft	15	-
LATLON	-	-163.00000	10,668 m		
7500N-16200W	-	75.00000	35,000 ft	15	-
LATLON	-	-162.00000	10,668 m		
7500N-16100W	-	75.00000	35,000 ft	15	-
LATLON	-	-161.00000	10,668 m		
7500N-16000W	-	75.00000	35,000 ft	15	-
LATLON	-	-160.00000	10,668 m		
7500N-15900W	-	75.00000	35,000 ft	15	-
LATLON	-	-159.00000	10,668 m		
7500N-15800W	-	75.00000	35,000 ft	15	-
LATLON	-	-158.00000	10,668 m		
7500N-15700W	-	75.00000	35,000 ft	15	-
LATLON	-	-157.00000	10,668 m		
7500N-15600W	-	75.00000	35,000 ft	15	-
LATLON	-	-156.00000	10,668 m		
7500N-15500W	-	75.00000	35,000 ft	15	-
LATLON	-	-155.00000	10,668 m		
7500N-15400W	-	75.00000	35,000 ft	15	-
LATLON	-	-154.00000	10,668 m		
7500N-15300W	-	75.00000	35,000 ft	15	-
LATLON	-	-153.00000	10,668 m		
7500N-15200W	-	75.00000	35,000 ft	15	-
LATLON	-	-152.00000	10,668 m		
7500N-15100W	-	75.00000	35,000 ft	15	-
LATLON	-	-151.00000	10,668 m		
7500N-15000W	-	75.00000	35,000 ft	15	-
LATLON	-	-150.00000	10,668 m		
7500N-14900W	-	75.00000	35,000 ft	15	-
LATLON	-	-149.00000	10,668 m		
7500N-14800W	-	75.00000	35,000 ft	15	-
LATLON	-	-148.00000	10,668 m		
ADZ06	-	75.00000	35,000 ft	4	-
FIX	-	-147.68300	10,668 m		
7400N-14300W	-	74.00000	35,000 ft	96	-
LATLON	-	-143.00000	10,668 m		
7400N-14200W	-	74.00000	35,000 ft	16	-
LATLON	-	-142.00000	10,668 m		
7400N-14100W	-	74.00000	35,000 ft	16	-
LATLON	-	-141.00000	10,668 m		
7400N-14000W	-	74.00000	35,000 ft	16	-
LATLON	-	-140.00000	10,668 m		
7400N-13900W	-	74.00000	35,000 ft	16	-
LATLON	-	-139.00000	10,668 m		
7400N-13800W	-	74.00000	35,000 ft	16	-
LATLON	-	-138.00000	10,668 m		
7400N-13700W	-	74.00000	35,000 ft	16	-
LATLON	-	-137.00000	10,668 m		
7300N-13300W	-	73.00000	35,000 ft	90	-
LATLON	-	-133.00000	10,668 m		
7200N-13000W	-	72.00000	35,000 ft	80	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-130.00000	10,668 m		
7100N-12700W	-	71.00000	35,000 ft	82	-
LATLON	-	-127.00000	10,668 m		
DASPO	-	70.04000	35,000 ft	70	-
FIX	-	-125.00000	10,668 m		
LIDEB	NCA31	68.25000	35,000 ft	337	-
FIX	AWY-HI	-110.00000	10,668 m		
SEDAG	NCA31	66.00000	35,000 ft	269	-
FIX	AWY-HI	-100.00000	10,668 m		
DASBA	-	65.16670	35,000 ft	50	-
FIX	-	-100.00000	10,668 m		
100A	-	64.50000	35,000 ft	40	-
FIX	-	-100.00000	10,668 m		
100T	-	63.75000	35,000 ft	45	-
FIX	-	-100.00000	10,668 m		
100B	-	63.00000	35,000 ft	45	-
FIX	-	-100.00000	10,668 m		
DUVER	NCA28	60.00000	35,000 ft	269	-
FIX	AWY-HI	-93.00000	10,668 m		
YQ	-	58.76250	35,000 ft	79	CHURCHILL
NDB	-	-93.95380	10,668 m		
YGX	B1	56.35320	35,000 ft	146	GILLAM
NDB	AWY-LO	-94.70000	10,668 m		
YIV	J89	53.85390	35,000 ft	150	ISLAND LAKE
NDB	AWY-HI	-94.65340	10,668 m		
YVZ	RR10	52.64880	35,000 ft	75	DEER LAKE
NDB	AWY-LO	-94.05700	10,668 m		
YPM	RR10	51.82300	35,000 ft	49	PIKANGIKUM
NDB	AWY-LO	-93.97310	10,668 m		
RL	RR10	51.06100	35,000 ft	46	RED LAKE
NDB	AWY-LO	-93.78490	10,668 m		
YRL	-	51.07160	35,000 ft	1	RED LAKE
VOR	-	-93.76200	10,668 m		
JGKPL	V133	48.60890	35,000 ft	148	-
FIX	AWY-LO	-93.41150	10,668 m		
HLDOL	-	48.60390	35,000 ft	0	-
FIX	-	-93.42110	10,668 m		
DLH	J538	46.80220	35,000 ft	118	DULUTH
VOR	AWY-HI	-92.20290	10,668 m		
BGOSH	J89	44.26200	35,000 ft	191	-
FIX	AWY-HI	-89.43420	10,668 m		
BAE	J89	43.11690	35,000 ft	84	BADGER (MILWAUKEE)
VOR	AWY-HI	-88.28430	10,668 m		
OBK	J101	42.22140	35,000 ft	55	NORTHBROOK
VOR	AWY-HI	-87.95160	10,668 m		
CADIZ	J89	41.16780	35,000 ft	68	-
FIX	AWY-HI	-87.38770	10,668 m		
FATOX	J89	40.80120	35,000 ft	23	-
FIX	AWY-HI	-87.19600	10,668 m		
BVT	J89	40.55620	35,000 ft	15	BOILER (LAFAYETTE)
VOR	AWY-HI	-87.06940	10,668 m		
TORIO	J89	40.24910	35,000 ft	20	-
FIX	AWY-HI	-86.87600	10,668 m		
MACES	J89	40.00370	35,000 ft	16	-
FIX	AWY-HI	-86.72300	10,668 m		
KURTZ	J89	38.97220	35,000 ft	68	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-86.09270	10,668 m		
IIU	J89	38.10350	35,000 ft	57	LOUISVILLE
VOR	AWY-HI	-85.57740	10,668 m		
SWAPP	J89	36.61380	35,000 ft	91	-
FIX	AWY-HI	-85.18220	10,668 m		
RESPE	J89	35.59180	25,600 ft	62	-
FIX	AWY-HI	-84.92010	7,803 m		
WUDEE	J89	34.57880	12,300 ft	62	-
FIX	AWY-HI	-84.66630	3,749 m		
KATL	-	33.63670	0 ft	57	Hartsfield Jackson Atlanta Intl
APT	-	-84.42790	0 m		

## ZBAA

Region: CHINA  
Timezone: ASIA/SHANGHAI  
Runways: 3

Elevation: 115 ft / 35 m  
Location: 40.078700 116.595000  
Magnetic Var: 7.352 W

## METAR

ZBAA 060030Z 36002MPS 330V030 CAVOK 20/13 Q1011 NOSIG

## TAF

TAF TAF ZBAA 052106Z 0600/0624 06003MPS 3500 BR NSC TX26/0607Z TN15/0621Z

## 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

## KATL

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 5

Elevation: 1,026 ft / 313 m  
Location: 33.636600 -84.428000  
Magnetic Var: 5.629 W

## METAR

KATL 052352Z 17008KT 10SM FEW045 SCT100 BKN140 BKN200 BKN250 24/19 A3004 RMK AO2 SLP165 TCU DSNT E 60000 T02440189

## TAF

TAF AMD KATL 052342Z 0600/0706 06004KT P6SM VCTS SCT050 SCT100CB FM060130 VRB03KT P6SM SCT060 SCT100 FM060600 VRB0

## Frequencies

REC - 119.65 MHz - D-ATIS	REC - 125.55 MHz - D-ATIS
COM - 122.95 MHz - UNICOM	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 121.65 MHz - ATLANTA GROUND	GND - 121.75 MHz - ATLANTA GROUND
GND - 121.90 MHz - ATLANTA GROUND	TWR - 119.10 MHz - ATLANTA TOWER
TWR - 119.30 MHz - ATLANTA TOWER	TWR - 119.50 MHz - ATLANTA TOWER
TWR - 123.85 MHz - ATLANTA TOWER	TWR - 125.32 MHz - ATLANTA TOWER
APP - 127.90 MHz - ATLANTA APPROACH	APP - 128.00 MHz - ATLANTA APPROACH
DEP - 125.65 MHz - ATLANTA DEPARTURE	DEP - 125.70 MHz - ATLANTA DEPARTURE
DEP - 135.37 MHz - ATLANTA DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	151 ft	12,400 ft	89.99	CONCRETE	0 ft	0 ft
	46 m	3,780 m	95.62		0 m	0 m
27R	151 ft	12,400 ft	270.01	CONCRETE	518 ft	0 ft
	46 m	3,780 m	275.64		158 m	0 m
09R	151 ft	9,008 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.60		0 m	0 m
27L	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
08L	151 ft	9,008 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.61		0 m	0 m
26R	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
10	151 ft	9,008 ft	89.97	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.60		0 m	0 m
28	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
08R	151 ft	10,009 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	95.60		0 m	0 m
26L	151 ft	10,009 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	3,051 m	275.62		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IHFV	109.30 MHz	18 nm	-	-	993 ft
				33 km	-		993 m
08R	DME	IATL	109.90 MHz	18 nm	-	-	1,026 ft
				33 km	-		1,026 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IHZK	110.50 MHz	18 nm	-	-	978 ft
				33 km	-		978 m
09R	DME	IFUN	108.90 MHz	18 nm	-	-	987 ft
				33 km	-		987 m
10	DME	IOMO	111.55 MHz	18 nm	-	-	970 ft
				33 km	-		970 m
26L	DME	IBRU	108.70 MHz	18 nm	-	-	1,026 ft
				33 km	-		1,026 m
26R	DME	IGXZ	110.10 MHz	18 nm	-	-	1,000 ft
				33 km	-		1,000 m
27L	DME	IFSQ	108.50 MHz	18 nm	-	-	1,020 ft
				33 km	-		1,020 m
27R	DME	IAFA	111.30 MHz	18 nm	-	-	978 ft
				33 km	-		978 m
28	DME	IPKU	111.75 MHz	18 nm	-	-	970 ft
				33 km	-		970 m
08L	LOC-ILS	IHFV	109.30 MHz	18 nm	89.98	-	1,026 ft
				33 km	95.61		1,026 m
08R	LOC-ILS	IATL	109.90 MHz	18 nm	89.99	-	1,026 ft
				33 km	95.62		1,026 m
09L	LOC-ILS	IHZK	110.50 MHz	18 nm	90.01	-	968 ft
				33 km	95.64		968 m
09R	LOC-ILS	IFUN	108.90 MHz	18 nm	89.98	-	1,026 ft
				33 km	95.61		1,026 m
10	LOC-ILS	IOMO	111.55 MHz	18 nm	89.98	-	970 ft
				33 km	95.61		970 m
26L	LOC-ILS	IBRU	108.70 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
26R	LOC-ILS	IGXZ	110.10 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
27L	LOC-ILS	IFSQ	108.50 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
27R	LOC-ILS	IAFA	111.30 MHz	18 nm	270.00	-	1,026 ft
				33 km	275.62		1,026 m
28	LOC-ILS	IPKU	111.75 MHz	18 nm	269.97	-	970 ft
				33 km	275.60		970 m
08L	GS	IHFV	109.30 MHz	10 nm	90.96	3.00	1,008 ft
				19 km	96.59		1,008 m
08R	GS	IATL	109.90 MHz	10 nm	90.96	3.00	1,012 ft
				19 km	96.59		1,012 m
09L	GS	IHZK	110.50 MHz	10 nm	90.02	3.00	1,017 ft
				19 km	95.65		1,017 m
09R	GS	IFUN	108.90 MHz	10 nm	90.96	3.00	1,021 ft
				19 km	96.59		1,021 m
10	GS	IOMO	111.55 MHz	10 nm	90.94	3.00	985 ft
				19 km	96.57		985 m
26L	GS	IBRU	108.70 MHz	10 nm	270.96	3.00	992 ft
				19 km	276.59		992 m
26R	GS	IGXZ	110.10 MHz	10 nm	270.96	3.00	984 ft
				19 km	276.59		984 m
27L	GS	IFSQ	108.50 MHz	10 nm	270.96	3.00	990 ft
				19 km	276.59		990 m
27R	GS	IAFA	111.30 MHz	10 nm	270.02	3.00	981 ft
				19 km	275.65		981 m
28	GS	IPKU	111.75 MHz	10 nm	270.94	3.00	990 ft
				19 km	276.57		990 m