

KSEA

Seattle-Tacoma Intl

DAL484

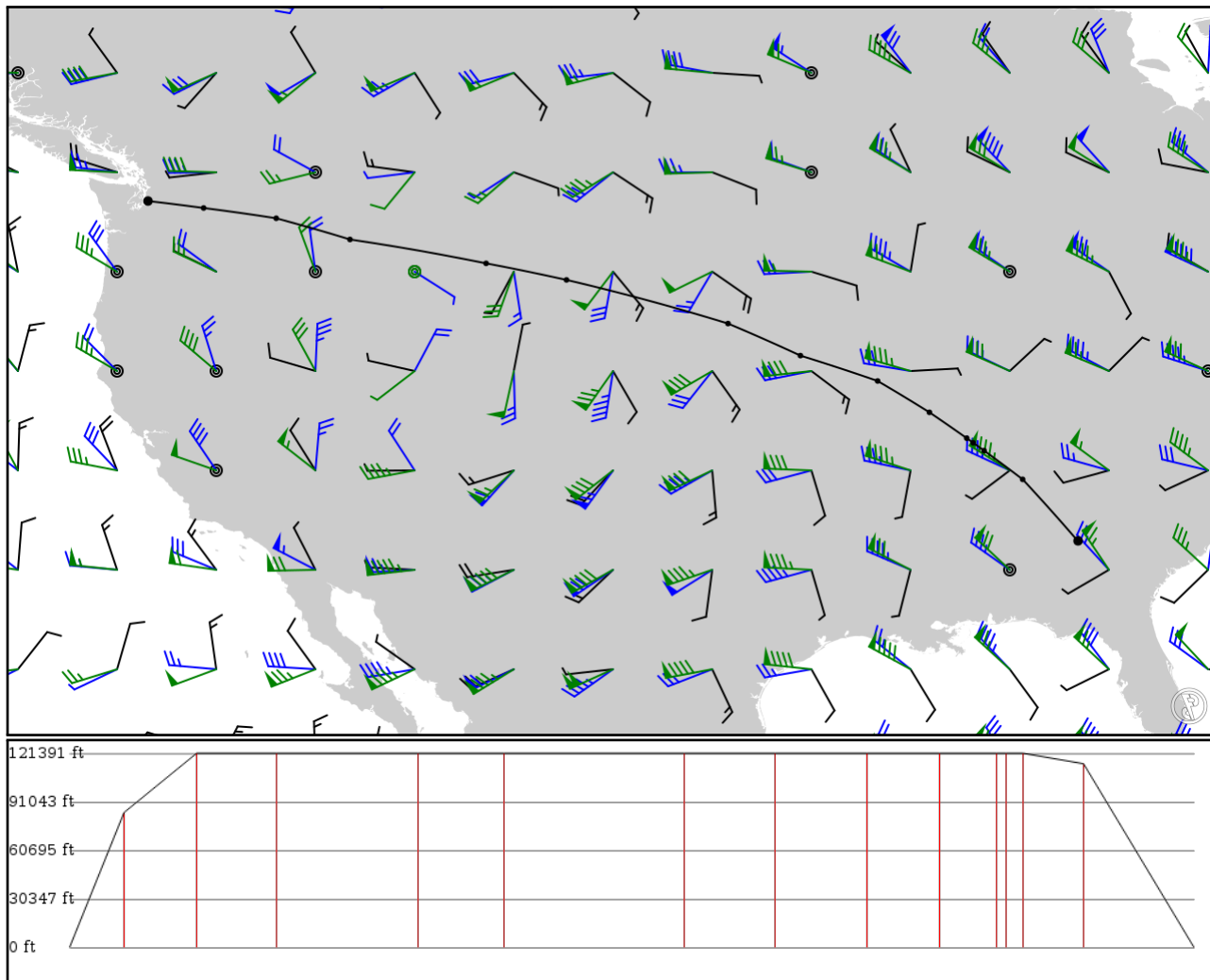
2024/05/20 0837Z

KATL

Hartsfield-Jackson Atlanta Intl

KSEA ZAXUL Q148 WEDAK Q152 ONL J151 STL J45 TINGS Q19 BNA J45 ATL KATL

1910.65 nm / 3538.53 km



Notes

Basic altitude profile:

- Ascent Rate: 2200ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft
- Cruise Speed: 482kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Boeing 737-900ER (Delta Airlines)

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSEA	-	47.45020	0 ft	-	Seattle-Tacoma Intl
APT	-	-122.31200	0 m	-	
ZAXUL	-	47.16740	25,700 ft	93	-
FIX	-	-120.04500	7,833 m	-	-
FINUT	Q148	46.74900	37,000 ft	123	-
FIX	AWY-HI	-117.08900	11,278 m	-	-
WEDAK	Q148	45.88830	37,000 ft	134	-
FIX	AWY-HI	-114.08400	11,278 m	-	-
IKFOM	Q152	44.91650	37,000 ft	240	-
FIX	AWY-HI	-108.53900	11,278 m	-	-
WUVUT	Q152	44.24430	37,000 ft	145	-
FIX	AWY-HI	-105.26500	11,278 m	-	-
ONL	Q152	42.47050	37,000 ft	306	O'NEILL
VOR	AWY-HI	-98.68690	11,278 m	-	-
OVR	J151	41.16720	37,000 ft	153	OMAHA
VOR	AWY-HI	-95.73690	11,278 m	-	-
IRK	J151	40.13500	37,000 ft	156	KIRKSVILLE
VOR	AWY-HI	-92.59170	11,278 m	-	-
STL	J151	38.86070	37,000 ft	124	SAINT LOUIS
VOR	AWY-HI	-90.48240	11,278 m	-	-
PLESS	J45	37.80960	37,000 ft	95	-
FIX	AWY-HI	-88.96320	11,278 m	-	-
DENNI	J45	37.62300	37,000 ft	16	-
FIX	AWY-HI	-88.70110	11,278 m	-	-
TINGS	J45	37.30300	37,000 ft	28	-
FIX	AWY-HI	-88.25620	11,278 m	-	-
BNA	Q19	36.13700	35,000 ft	103	NASHVILLE
VOR	AWY-HI	-86.68480	10,668 m	-	-
ATL	J45	33.62910	100 ft	186	ATLANTA
VOR	AWY-HI	-84.43510	30 m	-	-
KATL	-	33.63660	0 ft	0	Hartsfield-Jackson Atlanta Intl
APT	-	-84.42800	0 m	-	

KSEA

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

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.770 E

METAR

KSEA 200753Z 23003KT 10SM FEW030 09/05 A3026 RMK AO2 SLP253 T00940050 401670061

TAF

KSEA 200525Z 2006/2112 VRB04KT P6SM FEW050 FM201200 19004KT P6SM FEW010 SCT015 BKN025 FM201800 22006KT P6SM FEW02

Frequencies

REC - 118.00 MHz - SEATTLE ATIS
GND - 121.70 MHz - SEATTLE GROUND
TWR - 120.95 MHz - SEATTLE TOWER
DEP - 120.10 MHz - SEATTLE DEPARTURE
CLD - 128.00 MHz - SEATTLE CLEARANCE
TWR - 119.90 MHz - SEATTLE TOWER
APP - 133.65 MHz - SEATTLE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	11,904 ft	180.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	165.58		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.58		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.57		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.57		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.57		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.57		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
16L	DME	ISNQ	110.30 MHz	18 nm	-	-	369 ft
				33 km	-		369 m
16R	DME	ICJL	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34C	DME	ITUC	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
34L	DME	IB EJ	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34R	DME	ISEA	110.30 MHz	18 nm	-	-	469 ft
				33 km	-		469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm	180.34	-	355 ft
				33 km	165.57		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.57		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.57		410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm	0.34	-	422 ft
				33 km	345.57		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.57		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.57		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.90		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.92		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.90		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.90		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.90		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.92		355 m

KATL

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 5

Elevation: 1,026 ft / 313 m
Location: 33.636600 -84.428000
Magnetic Var: 5.633 W

METAR

KATL 200752Z COR 08004KT 10SM FEW085 18/16 A3000 RMK A02 SLP152 T01830156 \$

TAF

TAF AMD KATL 200758Z 2008/2112 08004KT P6SM SKC FM200900 07003KT P6SM FEW010 TEMPO 2009/2012 3SM BR FM201400 09005

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	275.65		158 m	0 m
09R	151 ft	9,008 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.61		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	275.63		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	95.61		0 m	0 m
26L	151 ft	10,009 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	3,051 m	275.63		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	275.63		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