KDFW
Dallas Fort Worth Intl

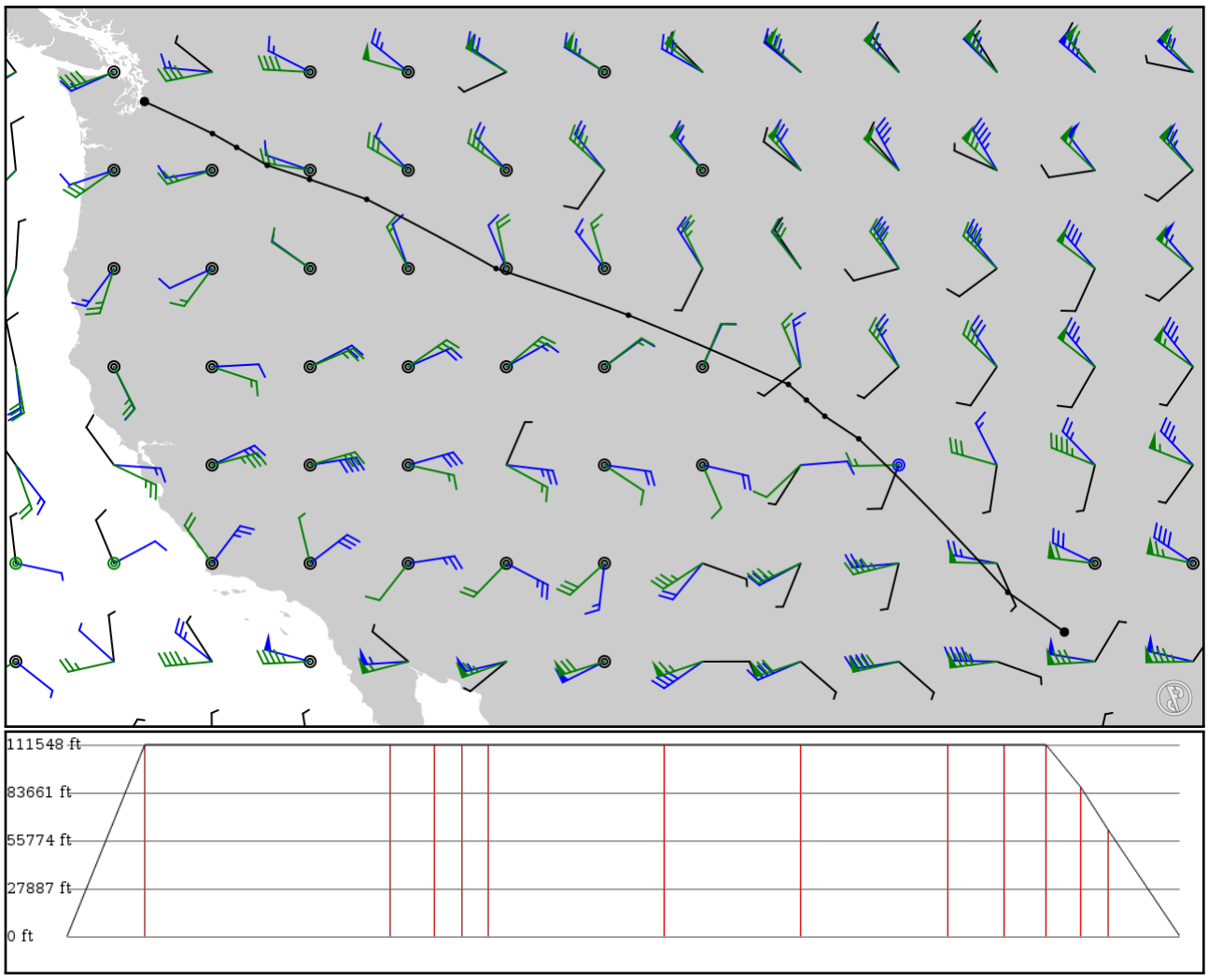
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KSEA
Seattle Tacoma Intl

2024/03/19 0443Z

KDFW SPS **J168** LAA **J20** OCS **J163** PIH **J20** YKM KSEA

1454.99 nm / 2694.64 km



Notes

Basic altitude profile:
- Ascent Rate: 2700ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 32000ft
- Cruise Speed: 330kts
- Descent Rate: 1700ft/min
- Descent Speed: 225kts

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
KDFW APT	-	32.89711 -97.03655	0 ft 0 m	-	Dallas Fort Worth Intl
SPS VOR	-	33.98728 -98.59347	34,000 ft 10,363 m	101	WICHITA FALLS VORTAC
LAA VOR	J168 AWY-HI	38.19708 -102.68753	34,000 ft 10,363 m	321	LAMAR VOR-DME
HGO VOR	J20 AWY-HI	38.81750 -103.62139	34,000 ft 10,363 m	57	HUGO VOR-DME
QUAIL FIX	J20 AWY-HI	39.26078 -104.12489	34,000 ft 10,363 m	35	-
FQF VOR	J20 AWY-HI	39.69014 -104.62097	34,000 ft 10,363 m	34	FALCON VORTAC
OCS VOR	J20 AWY-HI	41.59022 -109.01533	34,000 ft 10,363 m	230	ROCK SPRINGS VOR-DME
PIH VOR	J163 AWY-HI	42.87039 -112.65222	34,000 ft 10,363 m	179	POCATELLO VOR-DME
DNJ VOR	J20 AWY-HI	44.76711 -116.20628	34,000 ft 10,363 m	191	DONNELLY VOR-DME
BEAMO FIX	J20 AWY-HI	45.31442 -117.77767	34,000 ft 10,363 m	74	-
PDT VOR	J20 AWY-HI	45.69842 -118.93869	34,000 ft 10,363 m	54	PENDLETON VORTAC
BRUKK FIX	J20 AWY-HI	46.19135 -119.78004	26,500 ft 8,077 m	45	-
YKM VOR	J20 AWY-HI	46.57025 -120.44464	18,900 ft 5,761 m	35	YAKIMA VORTAC
KSEA APT	-	47.45019 -122.31232	0 ft 0 m	92	Seattle Tacoma Intl

KDFW

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 7

Elevation: 604 ft / 184 m
Location: 32.897200 -97.037700
Magnetic Var: 2.747 E

METAR

KDFW 190353Z 00000KT 10SM CLR 11/M01 A3030 RMK AO2 SLP258 T01061011

TAF

KDFW 190251Z 1903/2006 01008KT P6SM BKN250 FM190600 14005KT P6SM FEW250 FM191600 20010KT P6SM SCT250

Frequencies

REC - 123.77 MHz - ATIS ARRIVAL
COM - 122.95 MHz - UNICOM
GND - 121.65 MHz - RGNL GND EAST 1
GND - 121.85 MHz - RGNL GND WEST
TWR - 127.50 MHz - RGNL TWR EAST 2
TWR - 124.15 MHz - RGNL TWR WEST 2
APP - 133.52 MHz - RGNL APP EAST 3
APP - 119.87 MHz - RGNL APP WEST 2
DEP - 124.82 MHz - RGNL DEP NORTH 1
DEP - 126.47 MHz - RGNL DEP WEST 1

REC - 135.92 MHz - ATIS DEPARTURE
CLD - 128.25 MHz - CLNC DEL
GND - 121.80 MHz - RGNL GND EAST 2
TWR - 126.55 MHz - RGNL TWR EAST 1
TWR - 134.90 MHz - RGNL TWR WEST 1
APP - 125.02 MHz - RGNL APP EAST 1
APP - 133.62 MHz - RGNL APP WEST 1
DEP - 118.55 MHz - RGNL DEP EAST 1
DEP - 125.12 MHz - RGNL DEP SOUTH 1

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17C	151 ft 46 m	13,440 ft 4,097 m	180.26 177.52	CONCRETE	0 ft 0 m	413 ft 126 m
35C	151 ft 46 m	13,440 ft 4,097 m	0.26 357.52	CONCRETE	0 ft 0 m	299 ft 91 m
17L	151 ft 46 m	8,523 ft 2,598 m	180.25 177.51	CONCRETE	0 ft 0 m	400 ft 122 m
35R	151 ft 46 m	8,523 ft 2,598 m	0.25 357.51	CONCRETE	0 ft 0 m	407 ft 124 m
18R	151 ft 46 m	13,439 ft 4,096 m	180.25 177.50	CONCRETE	0 ft 0 m	404 ft 123 m
36L	151 ft 46 m	13,439 ft 4,096 m	0.25 357.50	CONCRETE	0 ft 0 m	299 ft 91 m
17R	200 ft 61 m	13,439 ft 4,096 m	180.26 177.51	CONCRETE	0 ft 0 m	400 ft 122 m
35L	200 ft 61 m	13,439 ft 4,096 m	0.26 357.51	CONCRETE	0 ft 0 m	400 ft 122 m
18L	200 ft 61 m	13,439 ft 4,096 m	180.25 177.50	CONCRETE	0 ft 0 m	404 ft 123 m
36R	200 ft 61 m	13,439 ft 4,096 m	0.25 357.50	CONCRETE	0 ft 0 m	394 ft 120 m
13R	151 ft 46 m	9,309 ft 2,837 m	139.18 136.44	CONCRETE	0 ft 0 m	397 ft 121 m
31L	151 ft 46 m	9,309 ft 2,837 m	319.19 316.45	CONCRETE	0 ft 0 m	400 ft 122 m
13L	200 ft 61 m	9,010 ft 2,746 m	135.41 132.66	CONCRETE	630 ft 192 m	299 ft 91 m
31R	200 ft 61 m	9,010 ft 2,746 m	315.42 312.67	CONCRETE	0 ft 0 m	299 ft 91 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	ILWN	109.50 MHz	18 nm 33 km	– –	–	590 ft 590 m
17C	DME	IFLQ	110.30 MHz	18 nm 33 km	– –	–	575 ft 575 m
17L	DME	IPPZ	111.75 MHz	18 nm 33 km	– –	–	603 ft 603 m
17R	DME	IJHZ	111.35 MHz	18 nm 33 km	– –	–	607 ft 607 m
18L	DME	ICIX	110.55 MHz	18 nm 33 km	– –	–	607 ft 607 m
18R	DME	IVYN	111.90 MHz	18 nm 33 km	– –	–	584 ft 584 m
31R	DME	IRRA	110.90 MHz	18 nm 33 km	– –	–	548 ft 548 m
35C	DME	IPKQ	110.30 MHz	18 nm 33 km	– –	–	603 ft 603 m
35L	DME	IUWX	111.35 MHz	18 nm 33 km	– –	–	607 ft 607 m
35R	DME	IAJQ	111.75 MHz	18 nm 33 km	– –	–	603 ft 603 m
36L	DME	IBXN	111.90 MHz	18 nm 33 km	– –	–	584 ft 584 m
36R	DME	IFJN	110.55 MHz	18 nm 33 km	– –	–	607 ft 607 m
13R	LOC-ILS	ILWN	109.50 MHz	18 nm 33 km	139.19 136.44	–	577 ft 577 m
17C	LOC-ILS	IFLQ	110.30 MHz	18 nm 33 km	180.26 177.52	–	563 ft 563 m
17L	LOC-ILS	IPPZ	111.75 MHz	18 nm 33 km	180.27 177.52	–	570 ft 570 m
17R	LOC-ILS	IJHZ	111.35 MHz	18 nm 33 km	180.26 177.51	–	558 ft 558 m
18L	LOC-ILS	ICIX	110.55 MHz	18 nm 33 km	180.25 177.50	–	570 ft 570 m
18R	LOC-ILS	IVYN	111.90 MHz	18 nm 33 km	180.25 177.50	–	580 ft 580 m
31R	LOC-ILS	IRRA	110.90 MHz	18 nm 33 km	315.40 312.65	–	552 ft 552 m
35C	LOC-ILS	IPKQ	110.30 MHz	18 nm 33 km	0.26 357.51	–	558 ft 558 m
35L	LOC-ILS	IUWX	111.35 MHz	18 nm 33 km	0.26 357.51	–	607 ft 607 m
35R	LOC-ILS	IAJQ	111.75 MHz	18 nm 33 km	0.27 357.52	–	607 ft 607 m
36L	LOC-ILS	IBXN	111.90 MHz	18 nm 33 km	0.25 357.50	–	598 ft 598 m
36R	LOC-ILS	IFJN	110.55 MHz	18 nm 33 km	0.25 357.50	–	595 ft 595 m
13R	GS	ILWN	109.50 MHz	10 nm 19 km	139.37 136.62	3.00	589 ft 589 m
17C	GS	IFLQ	110.30 MHz	10 nm 19 km	180.53 177.78	3.00	562 ft 562 m
17L	GS	IPPZ	111.75 MHz	10 nm 19 km	180.54 177.79	3.00	532 ft 532 m
17R	GS	IJHZ	111.35 MHz	10 nm 19 km	180.52 177.77	3.00	567 ft 567 m
18L	GS	ICIX	110.55 MHz	10 nm 19 km	180.49 177.75	3.00	594 ft 594 m
18R	GS	IVYN	111.90 MHz	10 nm	180.50	3.00	601 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	177.76		601 m
31R	GS	IRRA	110.90 MHz	10 nm	315.80	3.00	513 ft
				19 km	313.05		513 m
35C	GS	IPKQ	110.30 MHz	10 nm	0.52	3.00	563 ft
				19 km	357.77		563 m
35L	GS	IUWX	111.35 MHz	10 nm	0.52	3.00	564 ft
				19 km	357.77		564 m
35R	GS	IAJQ	111.75 MHz	10 nm	0.54	3.00	565 ft
				19 km	357.79		565 m
36L	GS	IBXN	111.90 MHz	10 nm	0.50	3.00	584 ft
				19 km	357.76		584 m
36R	GS	IFJN	110.55 MHz	10 nm	0.49	3.00	577 ft
				19 km	357.75		577 m

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3
Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.795 E

METAR

KSEA 190353Z 36007KT 10SM FEW250 12/06 A3008 RMK AO2 SLP192 T01220056

TAF

KSEA 190301Z 1903/2006 01006KT P6SM FEW250 FM191200 VRB03KT 6SM BCFG SCT004 FM191700 30005KT P6SM FEW250 FM192100

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 46 m	11,904 ft 3,628 m	180.35 165.55	CONCRETE	0 ft 0 m	400 ft 122 m
34R	151 ft 46 m	11,904 ft 3,628 m	0.35 345.55	CONCRETE	0 ft 0 m	400 ft 122 m
16C	151 ft 46 m	9,428 ft 2,874 m	180.34 165.55	CONCRETE	0 ft 0 m	400 ft 122 m
34C	151 ft 46 m	9,428 ft 2,874 m	0.34 345.55	CONCRETE	0 ft 0 m	397 ft 121 m
16R	151 ft 46 m	8,502 ft 2,591 m	180.34 165.54	CONCRETE	0 ft 0 m	200 ft 61 m
34L	151 ft 46 m	8,502 ft 2,591 m	0.34 345.54	CONCRETE	0 ft 0 m	197 ft 60 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm 33 km	- -	-	470 ft 470 m
16L	DME	ISNQ	110.30 MHz	18 nm 33 km	- -	-	369 ft 369 m
16R	DME	ICJL	110.75 MHz	18 nm 33 km	- -	-	410 ft 410 m
34C	DME	ITUC	111.70 MHz	18 nm 33 km	- -	-	470 ft 470 m
34L	DME	IBEJ	110.75 MHz	18 nm 33 km	- -	-	410 ft 410 m
34R	DME	ISEA	110.30 MHz	18 nm 33 km	- -	-	469 ft 469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm 33 km	180.34 165.54	-	355 ft 355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm 33 km	180.34 165.55	-	338 ft 338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm 33 km	180.34 165.54	-	410 ft 410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm 33 km	0.34 345.54	-	422 ft 422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm 33 km	0.34 345.54	-	433 ft 433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm 33 km	0.34 345.55	-	428 ft 428 m
16C	GS	ISZI	111.70 MHz	10 nm 19 km	180.67 165.88	3.00	418 ft 418 m
16L	GS	ISNQ	110.30 MHz	10 nm 19 km	180.69 165.89	3.00	425 ft 425 m
16R	GS	ICJL	110.75 MHz	10 nm 19 km	180.67 165.88	3.00	410 ft 410 m
34C	GS	ITUC	111.70 MHz	10 nm 19 km	0.67 345.88	3.00	367 ft 367 m
34L	GS	IBEJ	110.75 MHz	10 nm 19 km	0.67 345.88	3.00	360 ft 360 m
34R	GS	ISEA	110.30 MHz	10 nm 19 km	0.69 345.89	2.75	355 ft 355 m