KSEA – KIAH

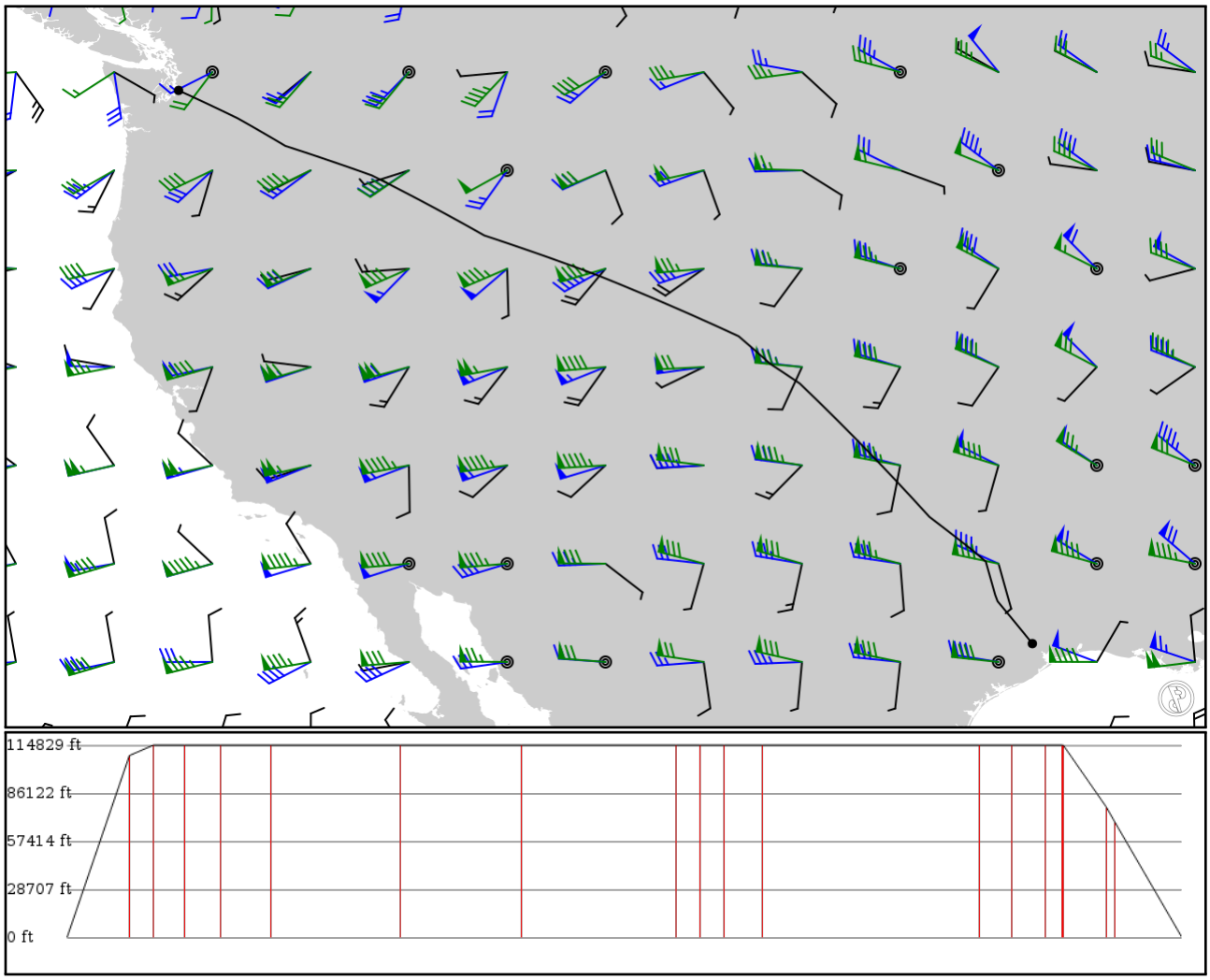
Seattle-Tacoma Intl

George Bush Intercontinental

2024/03/28 1752Z

KSEA YKM **J20** PIH **J163** OCS **J20** LAA **J168** SPS **J58** FUZ **J33** TANBE **J87** HOOTZ KIAH

1652.32 nm / 3060.09 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
KSEA APT	– –	47.45020 -122.31200	0 ft 0 m	–	Seattle-Tacoma Intl
YKM VOR	– –	46.57020 -120.44500	33,100 ft 10,089 m	92	YAKIMA
BRUKK FIX	J20 AWY-HI	46.19130 -119.78000	35,000 ft 10,668 m	35	–
PDT VOR	J20 AWY-HI	45.69840 -118.93900	35,000 ft 10,668 m	45	PENDLETON
BEAMO FIX	J20 AWY-HI	45.31440 -117.77800	35,000 ft 10,668 m	54	–
DNJ VOR	J20 AWY-HI	44.76710 -116.20600	35,000 ft 10,668 m	74	DONNELLY (MC CALL)
PIH VOR	J20 AWY-HI	42.87040 -112.65200	35,000 ft 10,668 m	191	POCATELLO
OCS VOR	J163 AWY-HI	41.59020 -109.01500	35,000 ft 10,668 m	179	ROCK SPRINGS
FQF VOR	J20 AWY-HI	39.69010 -104.62100	35,000 ft 10,668 m	230	FALCON (DENVER)
QUAIL FIX	J20 AWY-HI	39.26080 -104.12500	35,000 ft 10,668 m	34	–
HGO VOR	J20 AWY-HI	38.81750 -103.62100	35,000 ft 10,668 m	35	HUGO
LAA VOR	J20 AWY-HI	38.19710 -102.68800	35,000 ft 10,668 m	57	LAMAR
SPS VOR	J168 AWY-HI	33.98730 -98.59350	35,000 ft 10,668 m	321	WICHITA FALLS
BATIK FIX	J58 AWY-HI	33.44910 -97.89320	35,000 ft 10,668 m	47	–
FUZ VOR	J58 AWY-HI	32.88950 -97.17940	35,000 ft 10,668 m	49	RANGER (DALLAS-FORT WORTH)
TANBE FIX	J33 AWY-HI	32.57490 -96.81330	35,000 ft 10,668 m	26	–
CHMPZ FIX	J87 AWY-HI	32.56580 -96.81060	35,000 ft 10,668 m	0	–
TORNN FIX	J87 AWY-HI	31.52040 -96.51470	23,700 ft 7,224 m	64	–
HOOTZ FIX	J87 AWY-HI	31.32290 -96.44070	21,000 ft 6,401 m	12	–
KIAH APT	– –	29.98540 -95.34120	0 ft 0 m	98	George Bush Intercontinental

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3
Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.791 E

METAR

KSEA 281653Z COR 15007KT 10SM FEW015 BKN055 OVC070 08/03 RMK AO2 SLPNO SHRA W-NW T00780028 $

TAF

TAF AMD KSEA 281354Z 2814/2918 12009KT P6SM -SHRA SCT045 OVC070 FM281800 17008KT P6SM -RA BKN035 OVC050 FM290000 1

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	180.35 165.56	CONCRETE	0 ft 0 m	400 ft 122 m
34R	151 ft 46 m	11,904 ft 3,628 m	0.35 345.56	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	180.34 165.55	CONCRETE	0 ft 0 m	200 ft 61 m
34L	151 ft 46 m	8,502 ft 2,591 m	0.34 345.55	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	180.34 165.55	-	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	0.34 345.55	-	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

KIAH

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

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.743 E

METAR

KIAH 281653Z 06003KT 10SM CLR 21/11 A3026 RMK AO2 SLP246 T02060106

TAF

KIAH 281517Z 2815/2918 VRB03KT P6SM SKC FM282100 18007KT P6SM FEW250 FM290400 17005KT P6SM SKC

Frequencies

REC - 124.05 MHz - D-ATIS
CLD - 128.10 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - HOUSTON GROUND
TWR - 120.72 MHz - HOUSTON TOWER
TWR - 135.15 MHz - HOUSTON TOWER
APP - 120.05 MHz - HOUSTON APPROACH
DEP - 126.67 MHz - HOUSTON DEPARTURE
DEP - 133.60 MHz - HOUSTON DEPARTURE

REC - 122.95 MHz - UNICOM
GND - 119.95 MHz - HOUSTON GROUND
GND - 118.57 MHz - HOUSTON GROUND
TWR - 125.35 MHz - HOUSTON TOWER
TWR - 127.30 MHz - HOUSTON TOWER
APP - 124.35 MHz - HOUSTON APPROACH
DEP - 132.25 MHz - HOUSTON DEPARTURE
DEP - 127.12 MHz - HOUSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	151 ft	10,010 ft	152.07	CONCRETE	0 ft	407 ft
	46 m	3,051 m	150.33		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.34		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.33		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.34		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.20		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.22		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.21		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.23		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.21		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.22		0 m	118 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IBZU	111.55 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
08R	DME	IIAH	109.70 MHz	18 nm	-	-	109 ft
				33 km	-		109 m
09	DME	IUYO	110.90 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm 33 km	– –	–	109 ft 109 m
26R	DME	IOND	111.55 MHz	18 nm 33 km	– –	–	84 ft 84 m
27	DME	IGHI	110.90 MHz	18 nm 33 km	– –	–	100 ft 100 m
08L	LOC-ILS	IBZU	111.55 MHz	18 nm 33 km	89.95 88.21	–	98 ft 98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm 33 km	89.96 88.22	–	98 ft 98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm 33 km	89.96 88.22	–	98 ft 98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm 33 km	152.08 150.34	–	98 ft 98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm 33 km	269.96 268.22	–	98 ft 98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm 33 km	269.95 268.21	–	98 ft 98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm 33 km	269.96 268.22	–	98 ft 98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm 33 km	332.09 330.35	–	98 ft 98 m
08L	GS	IBZU	111.55 MHz	10 nm 19 km	89.95 88.21	3.00	98 ft 98 m
08R	GS	IIAH	109.70 MHz	10 nm 19 km	89.96 88.22	3.00	98 ft 98 m
09	GS	IUYO	110.90 MHz	10 nm 19 km	89.96 88.22	3.00	98 ft 98 m
15R	GS	ILKM	111.15 MHz	10 nm 19 km	152.08 150.34	3.00	98 ft 98 m
26L	GS	IJYV	109.70 MHz	10 nm 19 km	269.96 268.22	3.00	98 ft 98 m
26R	GS	IOND	111.55 MHz	10 nm 19 km	269.95 268.21	3.00	98 ft 98 m
27	GS	IGHI	110.90 MHz	10 nm 19 km	269.96 268.22	3.00	98 ft 98 m
33R	GS	ICDG	111.90 MHz	10 nm 19 km	332.09 330.35	3.00	98 ft 98 m