

KIAH

George Bush Intercontinental

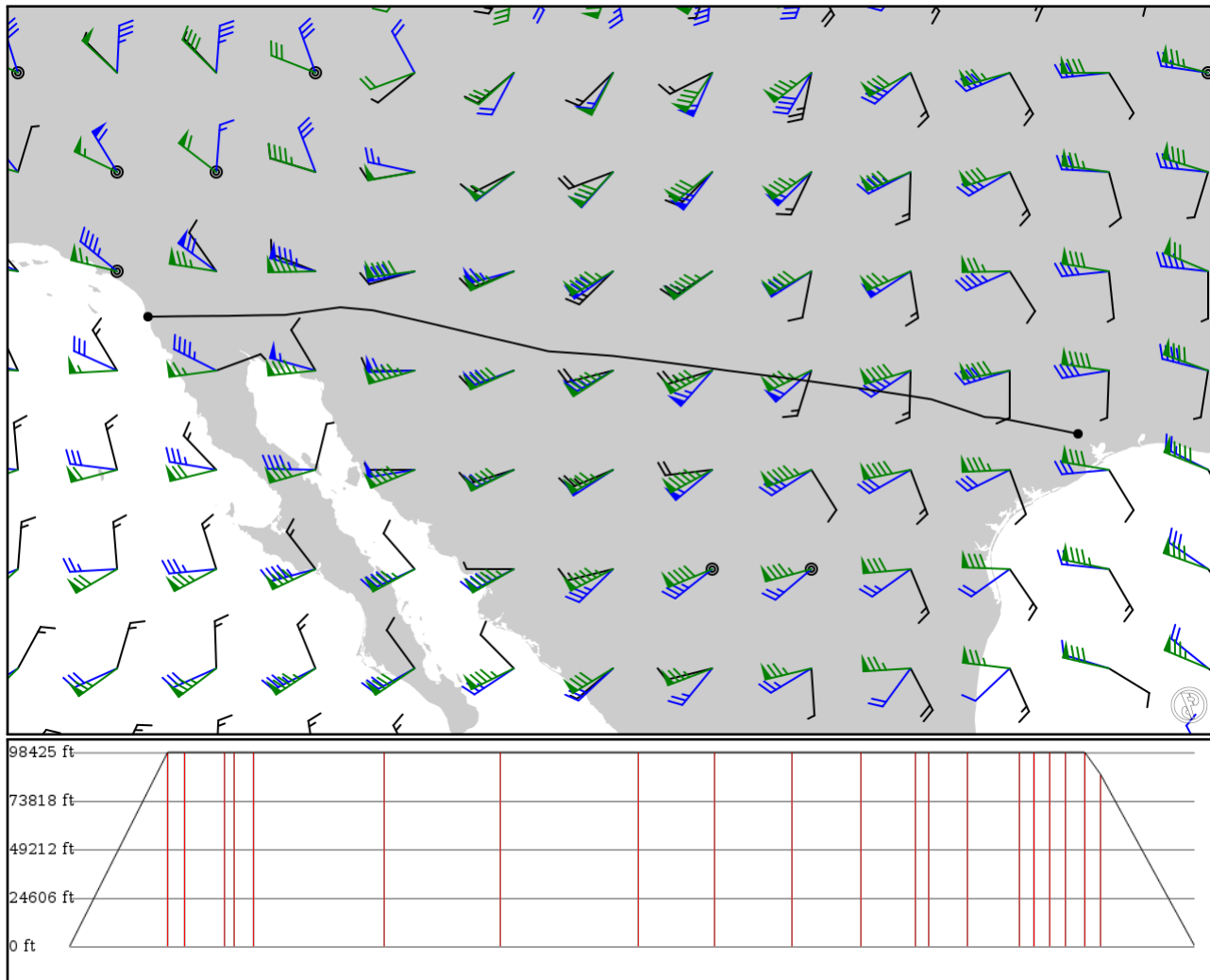
KSAN

San Diego Intl

2024/05/05 2046Z

KIAH HOOKK **V306** CWK **V76** LLO **J183** ELP **J2** ALIBY **J50** GBN **J18** MOHAK **V66** BZA **J18** HEEDS **V458** ARGUS KSAN

1136.87 nm / 2105.49 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 320kts
- 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
KIAH APT	-	29.98540 -95.34120	0 ft 0 m	-	George Bush Intercontinental
HOOKK FIX	-	30.36000 -97.20300	30,000 ft 9,144 m	99	-
CWK VOR	V306 AWY-LO	30.37850 -97.52980	30,000 ft 9,144 m	16	CENTEX
BASIS FIX	V76 AWY-LO	30.62290 -98.25960	30,000 ft 9,144 m	40	-
MOGWI FIX	V76 AWY-LO	30.68070 -98.43440	30,000 ft 9,144 m	9	-
LLO VOR	V76 AWY-LO	30.79630 -98.78740	30,000 ft 9,144 m	19	LLANO
FUSCO FIX	J183 AWY-HI	31.17690 -101.32900	30,000 ft 9,144 m	132	-
PEQ VOR	J183 AWY-HI	31.46930 -103.57500	30,000 ft 9,144 m	116	PECOS (PECOS CITY)
ELP VOR	J183 AWY-HI	31.81590 -106.28200	30,000 ft 9,144 m	139	EL PASO
ALIBY FIX	J2 AWY-HI	31.92130 -107.77900	30,000 ft 9,144 m	76	-
SSO VOR	J50 AWY-HI	32.26920 -109.26300	30,000 ft 9,144 m	78	SAN SIMON
ITEMM FIX	J50 AWY-HI	32.58650 -110.59000	30,000 ft 9,144 m	69	-
TOTEC FIX	J50 AWY-HI	32.82660 -111.64200	30,000 ft 9,144 m	55	-
TFD VOR	J50 AWY-HI	32.88590 -111.90900	30,000 ft 9,144 m	13	STANFIELD (CASA GRANDE)
GBN VOR	J50 AWY-HI	32.95630 -112.67400	30,000 ft 9,144 m	38	GILA BEND
JUDTH FIX	J18 AWY-HI	32.81650 -113.68800	30,000 ft 9,144 m	51	-
MOHAK FIX	J18 AWY-HI	32.77580 -113.97200	30,000 ft 9,144 m	14	-
WARTT FIX	V66 AWY-LO	32.77210 -114.30600	30,000 ft 9,144 m	16	-
BZA VOR	V66 AWY-LO	32.76810 -114.60300	30,000 ft 9,144 m	15	BARD (YUMA)
HEEDS FIX	J18 AWY-HI	32.76030 -115.00800	30,000 ft 9,144 m	20	-
ARGUS FIX	V458 AWY-LO	32.75360 -115.31100	26,600 ft 8,108 m	15	-
KSAN APT	-	32.73360 -117.19000	0 ft 0 m	94	San Diego Intl

KIAH

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

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.731 E

METAR

KIAH 052008Z 14028G38KT 7SM -RA FEW009 SCT025 SCT060 BKN130 BKN250 24/22 A2984 RMK A02 PK WND 14038/2006 LTG DSNT S

TAF

TAF KIAH 051720Z 0518/0624 13012KT P6SM VCTS SCT015 BKN035CB FM052000 13010KT 4SM SHRA VCTS SCT015 SCT025CB FM0600

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	150.34		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.35		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.35		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.35		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.21		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.23		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.22		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.24		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.22		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.24		0 m	118 m

Approach Nav aids

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 88.22	-	98 ft 98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm 33 km	152.08 150.35	-	98 ft 98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm 33 km	269.95 268.22	-	98 ft 98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm 33 km	332.09 330.36	-	98 ft 98 m
08L	GS	IBZU	111.55 MHz	10 nm 19 km	89.95 88.22	3.00	98 ft 98 m
08R	GS	IIAH	109.70 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
09	GS	IUYO	110.90 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
15R	GS	ILKM	111.15 MHz	10 nm 19 km	152.08 150.35	3.00	98 ft 98 m
26L	GS	IJYV	109.70 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
26R	GS	IOND	111.55 MHz	10 nm 19 km	269.95 268.22	3.00	98 ft 98 m
27	GS	IGHI	110.90 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
33R	GS	ICDG	111.90 MHz	10 nm 19 km	332.09 330.36	3.00	98 ft 98 m

KSAN

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 1

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.971 E

METAR

KSAN 051951Z 29014G20KT 10SM FEW015 BKN040 BKN200 18/07 A3000 RMK AO2 SLP158 T01780067 \$

TAF

TAF AMD KSAN 051902Z 0519/0624 30020G30KT P6SM FEW010 SCT050 FM052200 29012G22KT P6SM FEW050 FM060100 29010KT P6S

Frequencies

REC - 134.80 MHz - LINDBERGH ATIS	CLD - 125.90 MHz - LINDBERGH CLEARANCE
GND - 123.90 MHz - LINDBERGH GROUND	TWR - 118.30 MHz - LINDBERGH TOWER
DEP - 119.60 MHz - SOCAL WEST DEPARTURE	DEP - 124.35 MHz - SOCAL EAST DEPARTURE
APP - 119.60 MHz - SOCAL WEST APPROACH	APP - 124.35 MHz - SOCAL EAST APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	9,388 ft	106.13	ASPHALT	1,004 ft	390 ft
	61 m	2,861 m	95.16		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.18		552 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISAN	111.55 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
27	DME	IUBR	110.90 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
09	LOC-ILS	ISAN	111.55 MHz	18 nm	106.14	-	17 ft
				33 km	95.17		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.17		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m