

KSAN

San Diego Intl

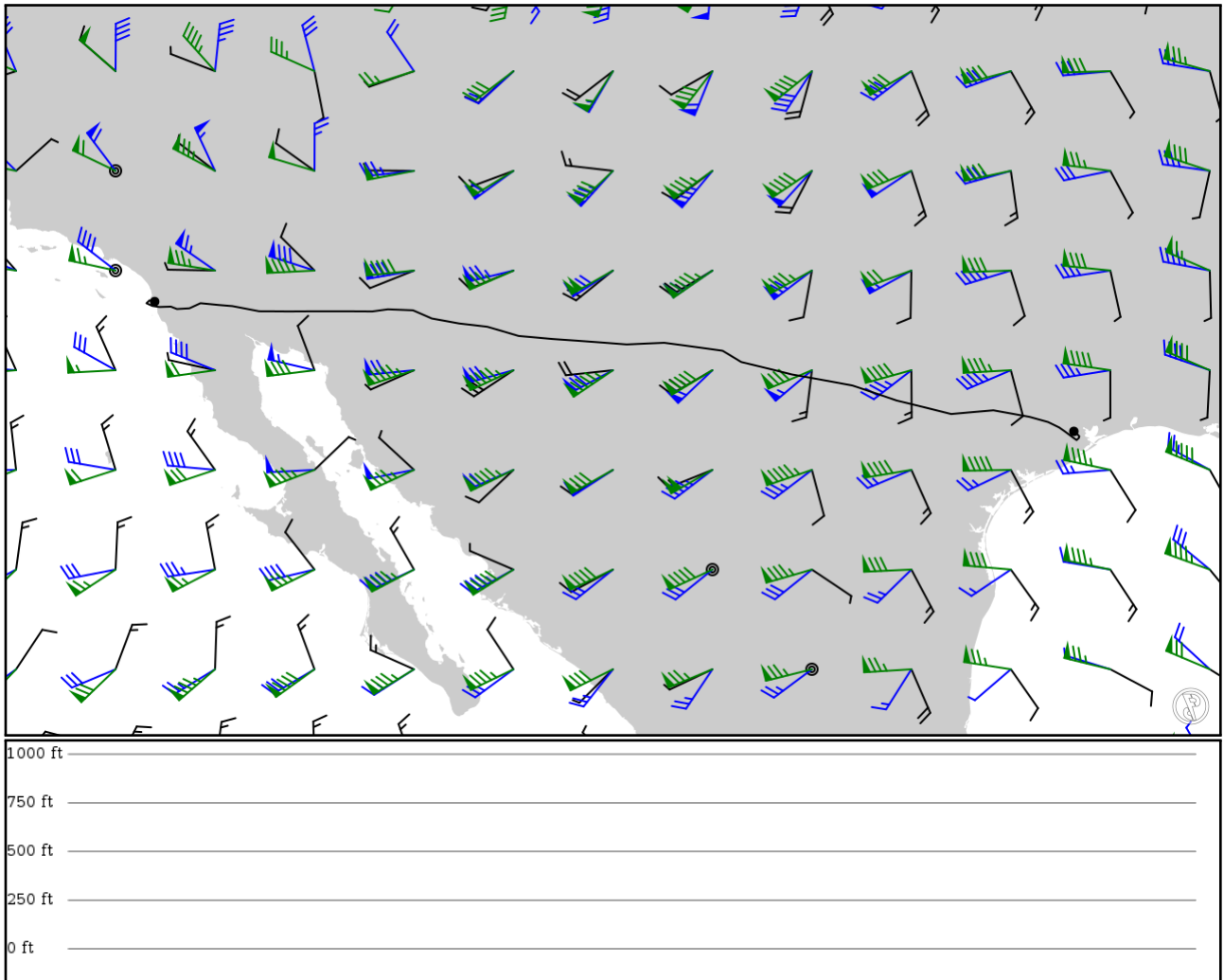
KHOU

William P. Hobby Airport

2024/06/10 0045Z

KSAN JETTI GATTO IFSOX ZZ000 ORPUE ISEMN D0740 SEVRA JONDA ASUTA FF074 RUGGS KL15M KA150 BASER
HOTTT REDDY IXAKE PENSL ANIMA DOHHN FABAN LINZY WALOM LEYIS KH06Y JACHR DOSSY DXEEE ISHOV JINGA
WDLNS EMULE ZUPIL VAGGE PTRON MARZY IFTIF LESLO KHOU

1202.52 nm / 2227.07 km



Notes

Requested: KSAN JETTI GATTO IFSOX ZZ000 ORPUE ISEMN D0740 SEVRA JONDA ASUTA FF074 RUGGS KL15M KA150 BASER HOTTT RE

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSAN	-	32.73360	0 ft	-	San Diego Intl
APT	-	-117.19000	0 m		
JETTI	-	32.75460	0 ft	4	-
FIX	-	-117.27700	0 m		
GATTO	-	32.76330	0 ft	1	-
FIX	-	-117.31300	0 m		
IFSOX	-	32.69500	0 ft	5	-
FIX	-	-117.38400	0 m		
ZZ000	-	32.63150	0 ft	7	-
FIX	-	-117.24600	0 m		
ORPUE	-	32.60590	0 ft	8	-
FIX	-	-117.08000	0 m		
ISEMN	-	32.61490	0 ft	13	-
FIX	-	-116.80500	0 m		
D0740	-	32.55770	0 ft	8	-
FIX	-	-116.65800	0 m		
SEVRA	-	32.57440	0 ft	15	-
FIX	-	-116.36100	0 m		
JONDA	-	32.69550	0 ft	15	-
FIX	-	-116.09800	0 m		
ASUTA	-	32.65250	0 ft	22	-
FIX	-	-115.65300	0 m		
FF074	-	32.62660	0 ft	16	-
FIX	-	-115.33600	0 m		
RUGGS	-	32.50390	0 ft	33	-
FIX	-	-114.70000	0 m		
KL15M	-	32.50000	0 ft	35	-
FIX	-	-114.00000	0 m		
KA150	-	32.50000	0 ft	101	-
FIX	-	-112.00000	0 m		
BASER	-	32.55080	0 ft	18	-
FIX	-	-111.63200	0 m		
HOTTT	-	32.52690	0 ft	30	-
FIX	-	-111.03200	0 m		
REDDY	-	32.33090	0 ft	25	-
FIX	-	-110.58300	0 m		
IXAKE	-	32.21360	0 ft	33	-
FIX	-	-109.93200	0 m		
PENSL	-	32.13590	0 ft	34	-
FIX	-	-109.26200	0 m		
ANIMA	-	31.91600	0 ft	40	-
FIX	-	-108.51400	0 m		
DOHHN	-	31.84400	0 ft	41	-
FIX	-	-107.70800	0 m		
FABAN	-	31.71450	0 ft	90	-
FIX	-	-105.93900	0 m		
LINZY	-	31.75440	0 ft	45	-
FIX	-	-105.04400	0 m		
WALOM	-	31.56420	0 ft	72	-
FIX	-	-103.65200	0 m		
LEYIS	-	31.29690	0 ft	27	-
FIX	-	-103.20900	0 m		
KH06Y	-	31.00000	0 ft	64	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-102.00000	0 m		
JACHR	-	30.73700	0 ft	76	-
FIX	-	-100.55600	0 m		
DOSSY	-	30.37960	0 ft	58	-
FIX	-	-99.50290	0 m		
DXEEE	-	30.05950	0 ft	70	-
FIX	-	-98.20320	0 m		
ISHOV	-	30.14760	0 ft	52	-
FIX	-	-97.19730	0 m		
JINGA	-	29.99100	0 ft	45	-
FIX	-	-96.33430	0 m		
WDLNS	-	29.86860	0 ft	23	-
FIX	-	-95.89560	0 m		
EMULE	-	29.73990	0 ft	15	-
FIX	-	-95.63020	0 m		
ZUPIL	-	29.65620	0 ft	8	-
FIX	-	-95.50890	0 m		
VAGGE	-	29.49410	0 ft	14	-
FIX	-	-95.29230	0 m		
PTRON	-	29.43940	0 ft	5	-
FIX	-	-95.21390	0 m		
MARZY	-	29.48770	0 ft	3	-
FIX	-	-95.16140	0 m		
IFTIF	-	29.52740	0 ft	2	-
FIX	-	-95.14820	0 m		
LESLO	-	29.56350	0 ft	2	-
FIX	-	-95.18190	0 m		
KHOU	-	29.64550	0 ft	7	William P. Hobby Airport
APT	-	-95.27910	0 m		

KSAN

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

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.962 E

METAR

KSAN 092351Z 21008G19KT 10SM BKN020 18/13 A2997 RMK A02 SLP149 T01830128 10194 20178 58008 \$

TAF

TAF KSAN 092328Z 1000/1106 22010KT P6SM BKN019 FM100300 VRB04KT P6SM OVC015 FM101700 VRB05KT P6SM FEW015 BKN025

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	95.17		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.19		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	95.18		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.18		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.18		17 m

KHOU

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

Elevation: 46 ft / 14 m
Location: 29.646000 -95.277300
Magnetic Var: 1.689 E

METAR

KHOU 092353Z 16010KT 10SM SCT050 BKN080 31/24 A2980 RMK A02 SLP095 T03110239 10333 20300 58011 \$

TAF

KHOU 092324Z 1000/1024 16012KT P6SM FEW025 SCT050 FM100400 VRB04KT P6SM FEW020 FEW250 FM101800 09006KT P6SM VCTS

Frequencies

CLD - 125.45 MHz - CLEARANCE DELIVERY
COM - 122.95 MHz - HOBBY UNICOM
TWR - 118.70 MHz - HOBBY TOWER
APP - 119.62 MHz - HOUSTON APPROACH
APP - 124.35 MHz - HOUSTON APPROACH
DEP - 119.70 MHz - HOUSTON DEPARTURE
DEP - 134.45 MHz - HOUSTON DEPARTURE

REC - 124.60 MHz - D-ATIS
GND - 121.90 MHz - HOBBY GROUND
APP - 119.17 MHz - HOUSTON APPROACH
APP - 120.05 MHz - HOUSTON APPROACH
APP - 134.45 MHz - HOUSTON APPROACH
DEP - 123.80 MHz - HOUSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	151 ft	7,609 ft	43.82	CONCRETE	0 ft	151 ft
	46 m	2,319 m	42.13		0 m	46 m
22	151 ft	7,609 ft	223.82	CONCRETE	0 ft	151 ft
	46 m	2,319 m	222.14		0 m	46 m
13R	151 ft	7,612 ft	134.10	ASPHALT	1,037 ft	144 ft
	46 m	2,320 m	132.41		316 m	44 m
31L	151 ft	7,612 ft	314.11	ASPHALT	0 ft	151 ft
	46 m	2,320 m	312.42		0 m	46 m
13L	100 ft	5,152 ft	134.10	CONCRETE	0 ft	0 ft
	30 m	1,570 m	132.41		0 m	0 m
31R	100 ft	5,152 ft	314.10	CONCRETE	0 ft	0 ft
	30 m	1,570 m	312.41		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04	DME	IHUB	109.90 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
13R	DME	IPRQ	111.30 MHz	18 nm	-	-	46 ft
				33 km	-		46 m
22	DME	IOIB	109.90 MHz	18 nm	-	-	46 ft
				33 km	-		46 m
31L	DME	IUPU	111.30 MHz	18 nm	-	-	46 ft
				33 km	-		46 m
04	LOC-ILS	IHUB	109.90 MHz	18 nm	43.82	-	46 ft
				33 km	42.13		46 m
13R	LOC-ILS	IPRQ	111.30 MHz	18 nm	134.10	-	46 ft
				33 km	132.41		46 m
22	LOC-LOC	IOIB	109.90 MHz	18 nm	223.82	-	46 ft
				33 km	222.13		46 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
31L	LOC-ILS	IUPU	111.30 MHz	18 nm	314.10	-	46 ft
				33 km	312.41		46 m
04	GS	IHUB	109.90 MHz	10 nm	43.82	3.00	46 ft
				19 km	42.13		46 m
13R	GS	IPRQ	111.30 MHz	10 nm	134.10	3.00	46 ft
				19 km	132.41		46 m
31L	GS	IUPU	111.30 MHz	10 nm	314.10	3.00	46 ft
				19 km	312.41		46 m