

KHOU

William P. Hobby

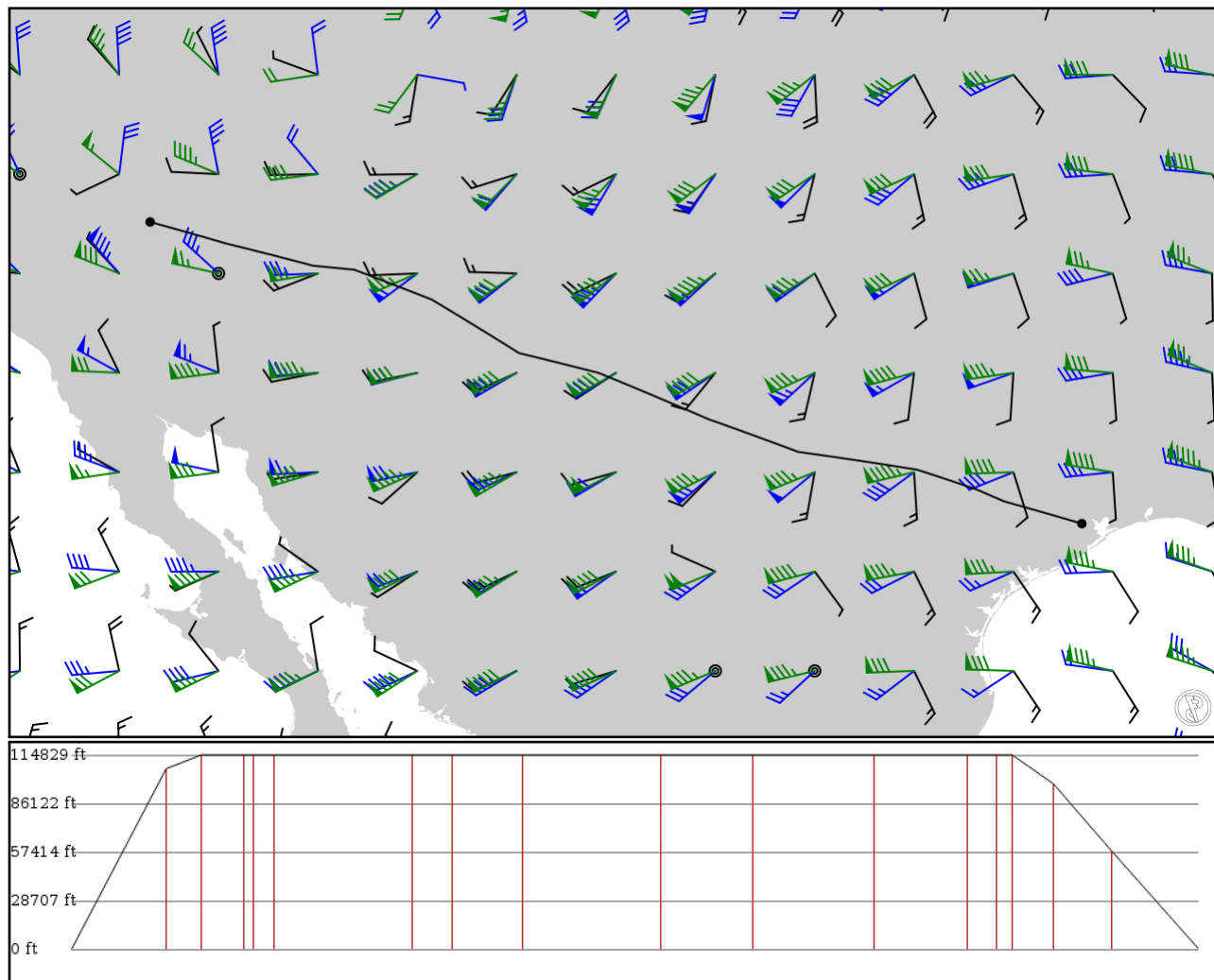
KLAS

McCarran Intl

2024/05/03 1134Z

KHOU MOUZE **V558** CWK **V76** LLO **J183** FUSCO **J15** INK **J108** INW **V291** PGS KLAS

1084.20 nm / 2007.93 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
KHOU APT	- -	29.64600 -95.27730	0 ft 0 m	-	William P. Hobby
MOUZE FIX	- -	30.12300 -96.94160	32,500 ft 9,906 m	91	-
CWK VOR	V558 AWY-LO	30.37850 -97.52980	35,000 ft 10,668 m	34	CENTEX
BASIS FIX	V76 AWY-LO	30.62290 -98.25960	35,000 ft 10,668 m	40	-
MOGWI FIX	V76 AWY-LO	30.68070 -98.43440	35,000 ft 10,668 m	9	-
LLO VOR	V76 AWY-LO	30.79630 -98.78740	35,000 ft 10,668 m	19	LLANO
FUSCO FIX	J183 AWY-HI	31.17690 -101.32900	35,000 ft 10,668 m	132	-
LOWGO FIX	J15 AWY-HI	31.43400 -102.02200	35,000 ft 10,668 m	38	-
INK VOR	J15 AWY-HI	31.87480 -103.24400	35,000 ft 10,668 m	67	WINK
GINGR FIX	J108 AWY-HI	32.86150 -105.58800	35,000 ft 10,668 m	132	-
TCS VOR	J108 AWY-HI	33.28250 -107.28100	35,000 ft 10,668 m	88	TRUTH OR CONSEQUENCES
SJN VOR	J108 AWY-HI	34.42400 -109.14400	35,000 ft 10,668 m	115	ST JOHNS
INW VOR	J108 AWY-HI	35.06160 -110.79500	35,000 ft 10,668 m	90	WINSLOW
TAWNE FIX	V291 AWY-LO	35.11850 -111.37100	35,000 ft 10,668 m	28	-
FLG VOR	V291 AWY-LO	35.14720 -111.67400	35,000 ft 10,668 m	14	FLAGSTAFF
KACEE FIX	V291 AWY-LO	35.34670 -112.43900	29,800 ft 9,083 m	39	-
PGS VOR	V291 AWY-LO	35.62470 -113.54400	17,700 ft 5,395 m	56	PEACH SPRINGS
KLAS APT	- -	36.08070 -115.15300	0 ft 0 m	82	McCarran Intl

KHOU

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

Elevation: 46 ft / 14 m
Location: 29.646000 -95.277300
Magnetic Var: 1.700 E

METAR

KHOU 031053Z 13004KT 10SM -RA SCT012 OVC020 24/23 A2979 RMK A02 LTG DSNT NW-NE RAB40 SLP091 P0005 T02390228

TAF

TAF AMD KHOU 030853Z 0309/0406 11004KT P6SM VCTS SCT008 BKN015CB FM031600 14011KT P6SM VCTS BKN020CB FM040000 120

Frequencies

CLD - 125.45 MHz - CLEARANCE DELIVERY	REC - 124.60 MHz - D-ATIS
COM - 122.95 MHz - HOBBY UNICOM	GND - 121.90 MHz - HOBBY GROUND
TWR - 118.70 MHz - HOBBY TOWER	APP - 119.17 MHz - HOUSTON APPROACH
APP - 119.62 MHz - HOUSTON APPROACH	APP - 120.05 MHz - HOUSTON APPROACH
APP - 124.35 MHz - HOUSTON APPROACH	APP - 134.45 MHz - HOUSTON APPROACH
DEP - 119.70 MHz - HOUSTON DEPARTURE	DEP - 123.80 MHz - HOUSTON DEPARTURE
DEP - 134.45 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	42.12		0 m	46 m
22	151 ft	7,609 ft	223.82	CONCRETE	0 ft	151 ft
	46 m	2,319 m	222.12		0 m	46 m
13R	151 ft	7,612 ft	134.10	ASPHALT	1,037 ft	144 ft
	46 m	2,320 m	132.40		316 m	44 m
31L	151 ft	7,612 ft	314.11	ASPHALT	0 ft	151 ft
	46 m	2,320 m	312.40		0 m	46 m
13L	100 ft	5,152 ft	134.10	CONCRETE	0 ft	0 ft
	30 m	1,570 m	132.40		0 m	0 m
31R	100 ft	5,152 ft	314.10	CONCRETE	0 ft	0 ft
	30 m	1,570 m	312.40		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	42.12		46 m
13R	LOC-ILS	IPRQ	111.30 MHz	18 nm	134.10	-	46 ft
				33 km	132.40		46 m
22	LOC-LOC	IOIB	109.90 MHz	18 nm	223.82	-	46 ft
				33 km	222.12		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	312.40		46 m
04	GS	IHUB	109.90 MHz	10 nm	43.82	3.00	46 ft
				19 km	42.12		46 m
13R	GS	IPRQ	111.30 MHz	10 nm	134.10	3.00	46 ft
				19 km	132.40		46 m
31L	GS	IUPU	111.30 MHz	10 nm	314.10	3.00	46 ft
				19 km	312.40		46 m

KLAS

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.050 E

METAR

KLAS 031056Z 19007KT 10SM CLR 21/M06 A2975 RMK A02 SLP050 T02111061 \$

TAF

KLAS 030830Z 0308/0412 22008KT P6SM SKC FM031600 06007KT P6SM SKC FM032100 21011KT P6SM FEW120 FM040300 22008KT P

Frequencies

REC - 132.40 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.00 MHz - CLEARANCE DELIVERY	GND - 121.10 MHz - LAS VEGAS GROUND
GND - 121.90 MHz - LAS VEGAS GROUND	TWR - 128.80 MHz - LAS VEGAS TOWER
TWR - 118.75 MHz - LAS VEGAS TOWER	TWR - 119.90 MHz - LAS VEGAS TOWER
APP - 125.60 MHz - LAS VEGAS APPROACH	APP - 125.02 MHz - LAS VEGAS APPROACH
DEP - 125.90 MHz - LAS VEGAS DEPARTURE	DEP - 133.95 MHz - LAS VEGAS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	151 ft	14,525 ft	89.92	CONCRETE	2,152 ft	0 ft
	46 m	4,427 m	78.87		656 m	0 m
26R	151 ft	14,525 ft	269.95	CONCRETE	1,414 ft	374 ft
	46 m	4,427 m	258.90		431 m	114 m
08R	151 ft	10,535 ft	89.92	CONCRETE	0 ft	381 ft
	46 m	3,211 m	78.87		0 m	116 m
26L	151 ft	10,535 ft	269.94	CONCRETE	0 ft	381 ft
	46 m	3,211 m	258.89		0 m	116 m
01R	151 ft	9,779 ft	24.82	CONCRETE	486 ft	400 ft
	46 m	2,981 m	13.77		148 m	122 m
19L	151 ft	9,779 ft	204.83	CONCRETE	876 ft	394 ft
	46 m	2,981 m	193.78		267 m	120 m
01L	151 ft	8,998 ft	24.82	CONCRETE	584 ft	400 ft
	46 m	2,743 m	13.77		178 m	122 m
19R	151 ft	8,998 ft	204.83	CONCRETE	0 ft	0 ft
	46 m	2,743 m	193.78		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ICUA	110.10 MHz	18 nm	-	-	2,092 ft
				33 km	-		2,092 m
26R	DME	ILAS	110.30 MHz	18 nm	-	-	2,203 ft
				33 km	-		2,203 m
01L	LOC-ILS	ICUA	110.10 MHz	18 nm	24.83	-	2,180 ft
				33 km	13.78		2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm	269.93	-	2,180 ft
				33 km	258.88		2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm	269.94	-	2,180 ft
				33 km	258.89		2,180 m
01L	GS	ICUA	110.10 MHz	10 nm	24.83	3.40	2,180 ft
				19 km	13.78		2,180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	GS	IRLE	111.50 MHz	10 nm	269.93	3.00	2,180 ft
				19 km	258.88		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.89		2,180 m