

LSZH

Zurich

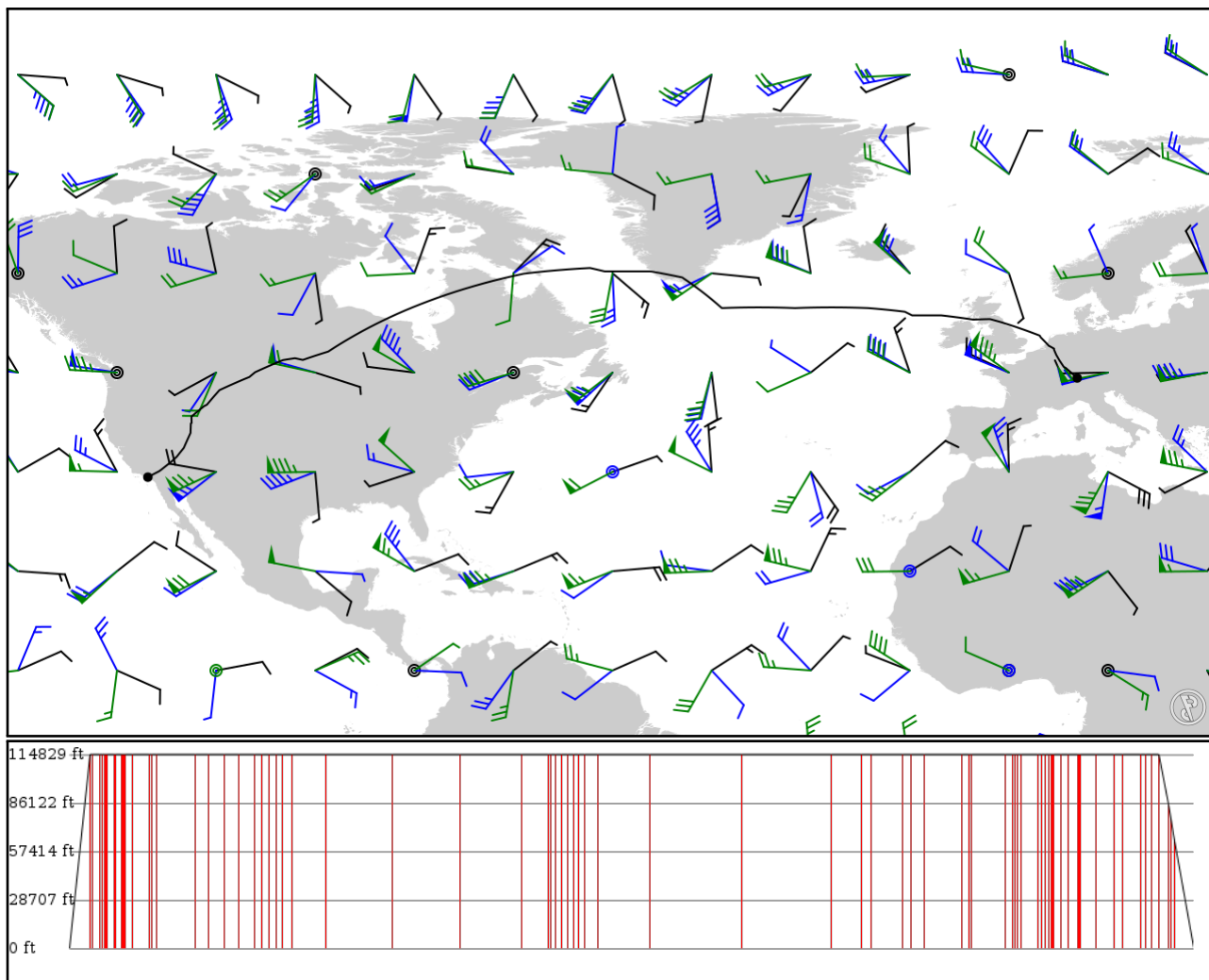
KLAX

Los Angeles Intl

2024/05/05 0814Z

LSZH GTQ14 **R7** GTQ **UN852** GESLO **N852** LNO **UN852** VELED EHN **P57** INKET LARAS **UZ28** SUPUR **P1** GODOS **M981**
NATEB **L602** TLA **UN552** MAC **N562** MIMKU 5600N01100W 5600N01200W 5600N01300W SOVED BILTO **A** 57/40 NA
W65 EVDIR 6200N05000W 6200N05100W 6200N05200W 6200N05300W 6200N05400W 6200N05500W 6200N05600W
KETLA **N880A** FEDDY **SCAI** FERNO YRL **V181** YWG **V304** YBR **J549** ISN **V465** EXADE **T331** BIL **V465** DNW **V330** JAC
V465 MLD **V257** NUBGE PATIO **Q842** BLIPP **Q70** LAS **J100** DAG **V394** BASAL KLAX

5494.11 nm / 10175.10 km



Notes

Using NAT tracks from 18/6/2022

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
LSZH	-	47.46350	0 ft	-	Zurich
APT	-	8.54995	0 m		
GTQ14	-	48.83720	35,000 ft	103	-
FIX	-	6.98794	10,668 m		
GTQ	R7	48.98640	35,000 ft	13	GROSTENQUIN
VOR	AWY-LO	6.71622	10,668 m		
SUTAL	UN852	49.46670	35,000 ft	31	-
FIX	AWY-HI	6.39167	10,668 m		
DIK22	UN852	49.52330	35,000 ft	3	-
FIX	AWY-HI	6.35861	10,668 m		
LIMGO	UN852	49.63720	35,000 ft	7	-
FIX	AWY-HI	6.28167	10,668 m		
DIK	UN852	49.86130	35,000 ft	14	DIEKIRCH
VOR	AWY-HI	6.12975	10,668 m		
GOPAS	UN852	49.96640	35,000 ft	6	-
FIX	AWY-HI	6.06972	10,668 m		
GESLO	UN852	50.07920	35,000 ft	7	-
FIX	AWY-HI	6.00500	10,668 m		
LNO	N852	50.58580	35,000 ft	32	OLNO
VOR	AWY-LO	5.71028	10,668 m		
TERLA	UN852	50.68250	35,000 ft	6	-
FIX	AWY-HI	5.66556	10,668 m		
BROGY	UN852	51.18250	35,000 ft	31	-
FIX	AWY-HI	5.44889	10,668 m		
LUTOM	UN852	51.26560	35,000 ft	5	-
FIX	AWY-HI	5.42101	10,668 m		
VELED	UN852	51.39010	35,000 ft	7	-
FIX	AWY-HI	5.36704	10,668 m		
EHN	-	51.46790	35,000 ft	4	EINDHOVEN
NDB	-	5.39486	10,668 m		
INKET	P57	51.81460	35,000 ft	31	-
FIX	AWY-LO	4.77196	10,668 m		
LARAS	-	51.83460	35,000 ft	3	-
FIX	-	4.69733	10,668 m		
SUPUR	UZ28	53.01520	35,000 ft	82	-
FIX	AWY-HI	3.56446	10,668 m		
GODOS	P1	53.24900	35,000 ft	14	-
FIX	AWY-HI	3.42966	10,668 m		
ROXAT	M981	53.41360	35,000 ft	18	-
FIX	AWY-HI	3.00000	10,668 m		
NATEB	M981	55.03830	35,000 ft	191	-
FIX	AWY-HI	-1.69833	10,668 m		
TLA	L602	55.49910	35,000 ft	63	TALLA
VOR	AWY-HI	-3.35283	10,668 m		
MAC	UN552	55.43000	35,000 ft	78	MACHRIHANISH
VOR	AWY-HI	-5.65041	10,668 m		
DONIB	N562	55.71920	35,000 ft	71	-
FIX	AWY-HI	-7.69556	10,668 m		
MIMKU	N562	56.00000	35,000 ft	79	-
FIX	AWY-HI	-10.00000	10,668 m		
5600N01100W	-	56.00000	35,000 ft	33	-
LATLON	-	-11.00000	10,668 m		
5600N01200W	-	56.00000	35,000 ft	33	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-12.00000	10,668 m		
5600N01300W	-	56.00000	35,000 ft	33	-
LATLON	-	-13.00000	10,668 m		
SOVED	-	56.00000	35,000 ft	33	-
FIX	-	-14.00000	10,668 m		
BILTO	-	56.50000	35,000 ft	44	-
FIX	-	-15.00000	10,668 m		
57/20	A	57.00000	35,000 ft	167	-
LATLON	NAT	-20.00000	10,668 m		
57/30	A	57.00000	35,000 ft	326	-
LATLON	NAT	-30.00000	10,668 m		
57/40	A	57.00000	35,000 ft	326	-
LATLON	NAT	-40.00000	10,668 m		
NA	-	61.17070	35,000 ft	300	NARSARSUAQ
NDB	-	-45.41290	10,668 m		
EVDIR	W65	61.99580	35,000 ft	130	-
FIX	AWY-LO	-49.64780	10,668 m		
6200N05000W	-	62.00000	35,000 ft	9	-
LATLON	-	-50.00000	10,668 m		
6200N05100W	-	62.00000	35,000 ft	28	-
LATLON	-	-51.00000	10,668 m		
6200N05200W	-	62.00000	35,000 ft	28	-
LATLON	-	-52.00000	10,668 m		
6200N05300W	-	62.00000	35,000 ft	28	-
LATLON	-	-53.00000	10,668 m		
6200N05400W	-	62.00000	35,000 ft	28	-
LATLON	-	-54.00000	10,668 m		
6200N05500W	-	62.00000	35,000 ft	28	-
LATLON	-	-55.00000	10,668 m		
6200N05600W	-	62.00000	35,000 ft	28	-
LATLON	-	-56.00000	10,668 m		
KETLA	-	62.46670	35,000 ft	62	-
FIX	-	-58.00000	10,668 m		
FEDDY	N880A	61.70000	35,000 ft	256	-
FIX	AWY-HI	-67.00000	10,668 m		
IRLAV	SCAI	57.97420	35,000 ft	450	-
FIX	AWY-HI	-80.00000	10,668 m		
LITRO	SCAI	53.36280	35,000 ft	436	-
FIX	AWY-HI	-90.00000	10,668 m		
FERNO	SCAI	51.64750	35,000 ft	147	-
FIX	AWY-HI	-92.87250	10,668 m		
YRL	-	51.07160	35,000 ft	48	RED LAKE
VOR	-	-93.76200	10,668 m		
YWG	V181	49.92780	35,000 ft	149	WINNIPEG
VOR	AWY-LO	-97.23920	10,668 m		
UDE	V304	50.16640	35,000 ft	43	DELTA
NDB	AWY-LO	-98.30720	10,668 m		
YBR	V304	49.90990	35,000 ft	65	BRANDON
VOR	AWY-LO	-99.94570	10,668 m		
ISN	J549	48.25340	35,000 ft	179	WILLISTON
VOR	AWY-HI	-103.75100	10,668 m		
LAMBE	V465	47.76140	35,000 ft	38	-
FIX	AWY-LO	-104.35000	10,668 m		
EXADE	V465	47.59910	35,000 ft	12	-
FIX	AWY-LO	-104.54500	10,668 m		
TRUED	T331	46.14090	35,000 ft	163	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-107.91000	10,668 m		
BIL	T331	45.80860	35,000 ft	35	BILLINGS
VOR	AWY-LO	-108.62500	10,668 m		
LAREI	V465	45.59690	35,000 ft	14	-
FIX	AWY-LO	-108.81400	10,668 m		
CUKUV	V465	45.48610	35,000 ft	7	-
FIX	AWY-LO	-108.91300	10,668 m		
HAKDI	V465	45.43350	35,000 ft	3	-
FIX	AWY-LO	-108.96000	10,668 m		
REDLO	V465	45.24340	35,000 ft	13	-
FIX	AWY-LO	-109.12700	10,668 m		
TOCUD	V465	44.06470	35,000 ft	82	-
FIX	AWY-LO	-110.13800	10,668 m		
DNW	V465	43.82830	35,000 ft	16	DUNOIR
VOR	AWY-LO	-110.33500	10,668 m		
JAC	V330	43.62100	35,000 ft	21	JACKSON
VOR	AWY-LO	-110.73200	10,668 m		
ECUNA	V465	43.42330	35,000 ft	15	-
FIX	AWY-LO	-110.97800	10,668 m		
ELKHO	V465	43.38620	35,000 ft	2	-
FIX	AWY-LO	-111.02400	10,668 m		
CILEG	V465	43.27650	35,000 ft	8	-
FIX	AWY-LO	-111.15900	10,668 m		
GIGSE	V465	43.22660	35,000 ft	4	-
FIX	AWY-LO	-111.22000	10,668 m		
OLNUE	V465	43.13200	35,000 ft	7	-
FIX	AWY-LO	-111.33600	10,668 m		
LUNDI	V465	42.69110	35,000 ft	35	-
FIX	AWY-LO	-111.86900	10,668 m		
MLD	V465	42.19990	35,000 ft	39	MALAD CITY
VOR	AWY-LO	-112.45100	10,668 m		
KREBS	V257	41.48880	35,000 ft	42	-
FIX	AWY-LO	-112.43500	10,668 m		
NUBGE	V257	41.33300	35,000 ft	9	-
FIX	AWY-LO	-112.43100	10,668 m		
PATIO	-	41.26670	35,000 ft	6	-
FIX	-	-112.53300	10,668 m		
PICHO	Q842	39.96670	35,000 ft	78	-
FIX	AWY-HI	-112.58300	10,668 m		
TABLL	Q842	38.66560	35,000 ft	82	-
FIX	AWY-HI	-113.17600	10,668 m		
WINEN	Q842	37.93330	35,000 ft	46	-
FIX	AWY-HI	-113.50000	10,668 m		
BLIPP	Q842	36.71150	35,000 ft	86	-
FIX	AWY-HI	-114.47400	10,668 m		
IFEYE	Q70	36.41560	35,000 ft	23	-
FIX	AWY-HI	-114.79700	10,668 m		
LAS	Q70	36.07970	35,000 ft	26	LAS VEGAS
VOR	AWY-HI	-115.16000	10,668 m		
CLARR	J100	35.67570	35,000 ft	35	-
FIX	AWY-HI	-115.68000	10,668 m		
MISEN	J100	35.10230	26,000 ft	49	-
FIX	AWY-HI	-116.40400	7,925 m		
DAG	J100	34.96250	23,400 ft	11	DAGGETT
VOR	AWY-HI	-116.57800	7,132 m		
BASAL	V394	34.75780	19,400 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-116.86200	5,913 m		
KLAX	-	33.94310	0 ft	90	Los Angeles Intl
APT	-	-118.40900	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.123 E

METAR

LSZH 050750Z 20006KT 170V240 9000 -RA FEW017 SCT020 BKN048 13/11 Q1014 TEMPO RA

TAF

TAF LSZH 050525Z 0506/0612 23007KT 9999 FEW025 BKN055 TX20/0515Z TN13/0506Z TN12/0604Z TEMPO 0506/0508 SHRA PROB3

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.91		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.92		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.17		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.19		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.87		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.89		0 m	84 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.19		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.93		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.89		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm 33 km	335.06 331.94	-	1,417 ft 1,417 m
14	GS	IKL	111.75 MHz	10 nm 19 km	137.31 134.19	3.00	1,417 ft 1,417 m
16	GS	IZH	110.50 MHz	10 nm 19 km	155.05 151.93	3.00	1,417 ft 1,417 m
28	GS	IZW	109.75 MHz	10 nm 19 km	276.01 272.89	3.30	1,417 ft 1,417 m
34	GS	IZS	110.75 MHz	10 nm 19 km	335.06 331.94	3.30	1,417 ft 1,417 m

KLAX

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

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.442 E

METAR

KLAX 050753Z 25007KT 5SM -RA BR SCT006 BKN011 OVC023 13/13 A2991 RMK A02 RAB20 SLP127 P0001 T01330128 401830133

TAF

KLAX 050554Z 0506/0612 25010KT P6SM VCSH BKN015 OVC040 FM051000 28015KT P6SM SCT025 BKN040 FM051800 28020G30KT P6

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.51		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.53		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.53		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.50		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.52		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.51		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.52		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m