

# LSZH

Zurich

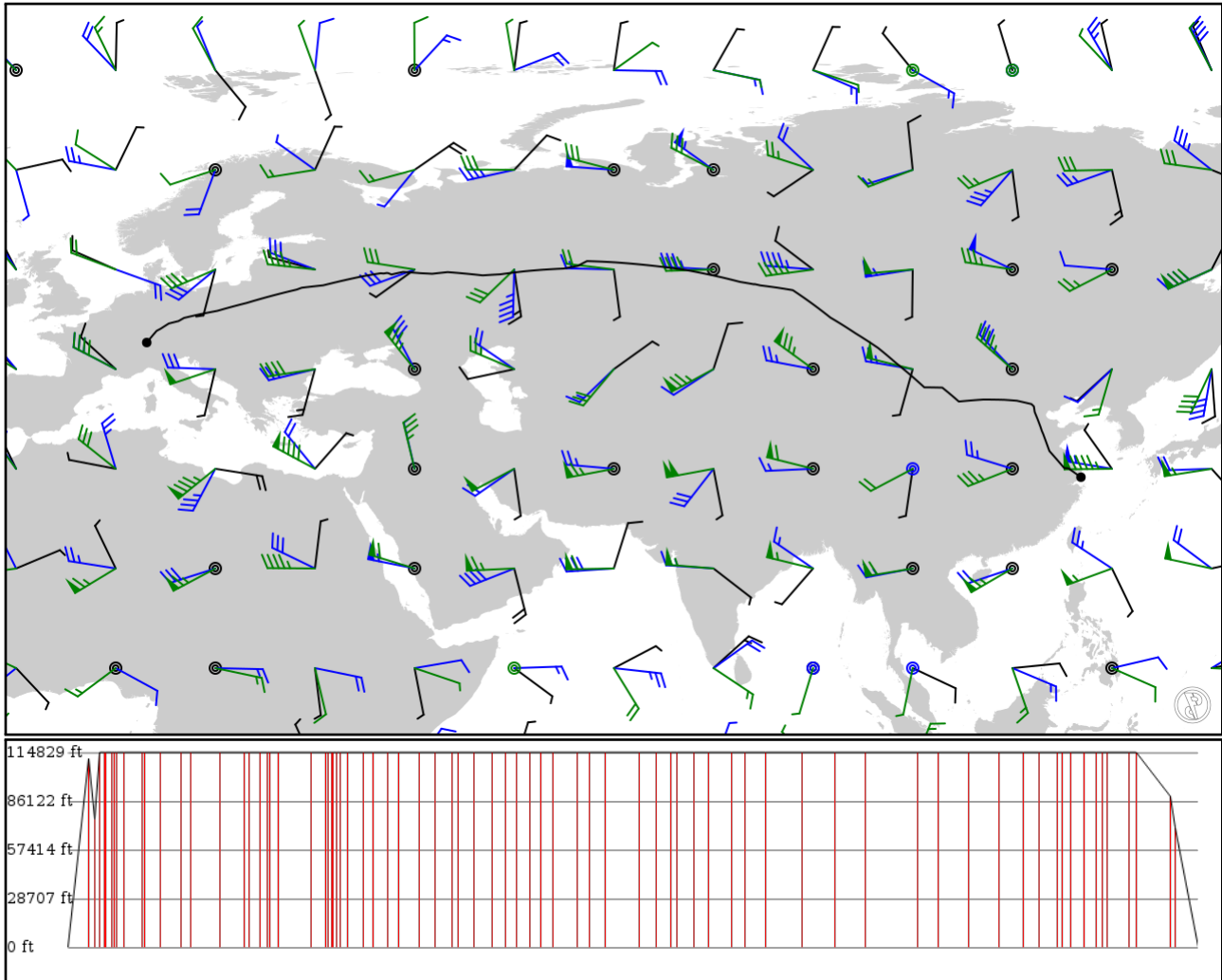
# ZSPD

PUDONG

2024/05/11 2126Z

LSZH GUPIN N869 DKB UN869 TRZ UT711 KI UN869 MATUS UL979 PASUD UA104 MOSON A104 FK CRDR3 UM 6E12  
KS01 BP 6E5 RW CRDR9 MF R489 CW R480 RP R488 OK A300 NOGRI B213 MH A122 USSS A300 ML R201 SZ R480  
POGUB POGUB R480 UNWW B330 MORIT 4200N10500E DKO A596 TZH W63 CDNB JR JBNB W60 BTO A593 PIMOL  
G330 UNTAN ZSPD

5156.33 nm / 9549.52 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
LSZH	-	47.46349	0 ft	-	Zurich
APT	-	8.54996	0 m		
GUPIN	-	48.88250	33,900 ft	97	-
FIX	-	9.74806	10,333 m		
DKB	N869	49.14275	23,000 ft	24	DINKELSBUHL VORTAC
VOR	AWY-LO	10.23831	7,010 m		
NORAS	UN869	49.40667	35,000 ft	22	-
FIX	AWY-HI	10.64917	10,668 m		
KEGOS	UN869	49.66056	35,000 ft	21	-
FIX	AWY-HI	11.05139	10,668 m		
ANELA	UN869	49.76889	35,000 ft	9	-
FIX	AWY-HI	11.22472	10,668 m		
NOGRA	UN869	49.92056	35,000 ft	24	-
FIX	AWY-HI	11.82167	10,668 m		
RONIG	UN869	49.98917	35,000 ft	11	-
FIX	AWY-HI	12.09722	10,668 m		
ERL51	UN869	50.04472	35,000 ft	9	-
FIX	AWY-HI	12.32139	10,668 m		
OKG	UN869	50.06515	35,000 ft	3	CHEB VOR-DME
VOR	AWY-HI	12.40574	10,668 m		
KONAR	UN869	50.44514	35,000 ft	34	-
FIX	AWY-HI	13.06558	10,668 m		
OKX	UN869	50.90268	35,000 ft	79	FRYDLANT VOR-DME
VOR	AWY-HI	15.03190	10,668 m		
UVSOV	UN869	50.95306	35,000 ft	10	-
FIX	AWY-HI	15.29333	10,668 m		
TRZ	UN869	51.30816	35,000 ft	71	TRZEBNICA VOR-DME
VOR	AWY-HI	17.11431	10,668 m		
IBARA	UT711	51.94944	35,000 ft	94	-
FIX	AWY-HI	19.44222	10,668 m		
WAR	UT711	52.25914	35,000 ft	48	ZABOROWEK VOR-DME
VOR	AWY-HI	20.65710	10,668 m		
GORAT	UT711	53.17806	35,000 ft	130	-
FIX	AWY-HI	23.89417	10,668 m		
KI	UT711	53.88333	35,000 ft	109	IVENETS NDB
NDB	AWY-HI	26.73333	10,668 m		
MATUS	UN869	54.10333	35,000 ft	25	-
FIX	AWY-HI	27.34000	10,668 m		
KURPI	UL979	54.26333	35,000 ft	49	-
FIX	AWY-HI	28.71167	10,668 m		
SUMOK	UL979	54.36000	35,000 ft	32	-
FIX	AWY-HI	29.61000	10,668 m		
PASUD	UL979	54.39333	35,000 ft	11	-
FIX	AWY-HI	29.93333	10,668 m		
MOSON	UA104	54.66833	35,000 ft	41	-
FIX	AWY-HI	31.04139	10,668 m		
FK	A104	55.55528	35,000 ft	146	GAGARIN NDB
NDB	AWY-HI	35.02194	10,668 m		
UM	CRDR3	55.86194	35,000 ft	66	IVANOVSKOYE NDB
NDB	AWY-HI	36.91111	10,668 m		
KS01	6E12	55.83333	35,000 ft	12	-
APT	AWY-HI	37.26667	10,668 m		
BP	-	55.90000	35,000 ft	14	CHELOBITYEVO NDB

Ident Type NDB	Via	Lat Lon	Alt	Dist (nm)	Name
VINLI	6E5	37.68333	10,668 m	5	-
FIX	AWY-HI	37.85000	10,668 m		
RW	6E5	55.71139	35,000 ft	15	MARYINO NDB
NDB	AWY-HI	38.22806	10,668 m		
ITINA	CRDR9	55.81667	35,000 ft	16	-
FIX	AWY-HI	38.66667	10,668 m		
MF	CRDR9	56.02611	35,000 ft	34	LARIONOVO NDB
NDB	AWY-HI	39.63417	10,668 m		
CW	R489	55.86778	35,000 ft	72	KRASNAYA GORBATKA NDB
NDB	AWY-HI	41.78444	10,668 m		
RP	R480	55.80000	35,000 ft	46	SOSNOVSKOYE NDB
NDB	AWY-HI	43.16472	10,668 m		
OK	R488	56.00000	35,000 ft	63	LYSKOVO NDB
NDB	AWY-HI	45.03139	10,668 m		
GOLIR	A300	55.88333	35,000 ft	49	-
FIX	AWY-HI	46.48333	10,668 m		
KZN	A300	55.60583	35,000 ft	95	KAZAN VOR-DME
VOR	AWY-HI	49.27250	10,668 m		
HJ	A300	55.73333	35,000 ft	72	MAMADYSH NDB
NDB	AWY-HI	51.39833	10,668 m		
KOTAG	A300	56.00694	35,000 ft	73	-
FIX	AWY-HI	53.53833	10,668 m		
NOGRI	A300	56.10028	35,000 ft	27	-
FIX	AWY-HI	54.34833	10,668 m		
ASKAL	B213	56.28528	35,000 ft	74	-
FIX	AWY-HI	56.54500	10,668 m		
MH	B213	56.43028	35,000 ft	85	MIKHAYLOVSK NDB
NDB	AWY-HI	59.11639	10,668 m		
USSS	A122	56.74311	35,000 ft	58	KOLTSOVO
APT	AWY-HI	60.80273	10,668 m		
AR01	A300	57.33333	35,000 ft	50	-
APT	AWY-HI	61.91667	10,668 m		
TALIK	A300	57.26528	35,000 ft	59	-
FIX	AWY-HI	63.75028	10,668 m		
USTR	A300	57.18042	35,000 ft	51	Roschino
APT	AWY-HI	65.31468	10,668 m		
LEBED	A300	57.05861	35,000 ft	52	-
FIX	AWY-HI	66.91528	10,668 m		
RUBOR	A300	56.73361	35,000 ft	110	-
FIX	AWY-HI	70.22222	10,668 m		
SARNA	A300	56.53500	35,000 ft	54	-
FIX	AWY-HI	71.84333	10,668 m		
ML	A300	56.25056	35,000 ft	72	CHAPAYEVO NDB
NDB	AWY-HI	73.94889	10,668 m		
SZ	R201	55.35694	35,000 ft	156	BARABINSK NDB
NDB	AWY-HI	78.30278	10,668 m		
GR02	R480	54.81667	35,000 ft	81	-
APT	AWY-HI	80.46667	10,668 m		
POGUB	R480	54.51667	35,000 ft	62	-
FIX	AWY-HI	82.20007	10,668 m		
POGUB	-	54.55056	35,000 ft	2	-
FIX	-	82.21417	10,668 m		
NR	R480	54.38750	35,000 ft	26	NOVOLOKTI NDB
NDB	AWY-HI	82.93389	10,668 m		
NILAN	R480	54.10722	35,000 ft	75	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	85.03611	10,668 m		
UNWW	R480	53.81000	35,000 ft	67	-
APT	AWY-HI	86.87833	10,668 m		
DILAT	B330	52.46389	35,000 ft	107	-
FIX	AWY-HI	88.82611	10,668 m		
LIKAR	B330	51.67000	35,000 ft	62	-
FIX	AWY-HI	89.90833	10,668 m		
NIGOR	B330	50.49000	35,000 ft	91	-
FIX	AWY-HI	91.43000	10,668 m		
URGAM	B330	48.57328	35,000 ft	165	-
FIX	AWY-HI	94.49229	10,668 m		
SILUS	B330	46.81056	35,000 ft	152	-
FIX	AWY-HI	97.21056	10,668 m		
TEKOR	B330	45.07667	35,000 ft	135	-
FIX	AWY-HI	99.27552	10,668 m		
MORIT	B330	42.03333	35,000 ft	239	-
FIX	AWY-HI	102.81667	10,668 m		
4200N10500E	-	42.00000	35,000 ft	97	-
LATLON	-	105.00000	10,668 m		
DKO	-	40.31500	35,000 ft	135	DENGKOU VOR-DME
VOR	-	107.00000	10,668 m		
BAV	A596	40.56000	35,000 ft	137	BAOTOU VOR-DME
VOR	AWY-HI	109.99500	10,668 m		
SZ	A596	40.52500	35,000 ft	113	LIANGCHENG NDB
NDB	AWY-HI	112.49167	10,668 m		
TZH	A596	40.41167	35,000 ft	71	-
VOR	AWY-HI	114.05000	10,668 m		
CDNB	W63	40.00833	35,000 ft	83	-
APT	AWY-HI	115.80000	10,668 m		
JR	-	39.72333	35,000 ft	21	LIANGXIANG NDB
NDB	-	116.09833	10,668 m		
JBNB	-	39.04333	35,000 ft	41	-
APT	-	116.19833	10,668 m		
BTO	W60	38.10833	35,000 ft	58	POTOU VOR-DME
VOR	AWY-HI	116.57833	10,668 m		
EPGAM	A593	37.24667	35,000 ft	53	-
FIX	AWY-HI	116.90000	10,668 m		
GOLAL	A593	36.75833	35,000 ft	30	-
FIX	AWY-HI	117.06000	10,668 m		
DALIM	A593	36.41000	35,000 ft	22	-
FIX	AWY-HI	117.21167	10,668 m		
UDINO	A593	34.82167	35,000 ft	99	-
FIX	AWY-HI	117.79500	10,668 m		
PIX	A593	34.31500	35,000 ft	31	PIXIAN VOR-DME
VOR	AWY-HI	117.98000	10,668 m		
PIMOL	A593	32.24667	27,100 ft	153	-
FIX	AWY-HI	119.77833	8,260 m		
UNTAN	G330	32.20833	21,500 ft	26	-
FIX	AWY-HI	120.29167	6,553 m		
ZSPD	-	31.14343	0 ft	100	PUDONG
APT	-	121.80509	0 m		

## LSZH

Region: SWITZERLAND  
Timezone: EUROPE/ZURICH  
Runways: 3

Elevation: 1,416 ft / 432 m  
Location: 47.463500 8.549950  
Magnetic Var: 3.126 E

## METAR

LSZH 112120Z 28004KT CAVOK 13/09 Q1018 NOSIG

## TAF

TAF LSZH 112025Z 1121/1303 VRB02KT CAVOK TX25/1215Z TN09/1204Z BECMG 1209/1212 9999 FEW050 PROB40 TEMPO 1216/1222

## 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	134.18		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.92		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.88		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.93		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.18		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.92		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.88		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.93		1,417 m

## ZSPD

Region: CHINA  
Timezone: ASIA/SHANGHAI  
Runways: 5

Elevation: 13 ft / 4 m  
Location: 31.141500 121.813000  
Magnetic Var: 6.479 W

## METAR

ZSPD 112100Z 02009MPS 9999 BKN007 17/16 Q1012 BECMG TL2230 BKN010

## TAF

TAF ZSPD 111507Z 1118/1218 36004MPS 8000 BKN010 TX24/1206Z TN14/1121Z BECMG 1200/1202 BKN015

## Frequencies

REC - 131.45 MHz - ATIS	REC - 127.85 MHz - ATIS
TWR - 118.40 MHz - PUDONG TOWER	TWR - 118.57 MHz - PUDONG TOWER
TWR - 118.80 MHz - PUDONG TOWER	TWR - 124.35 MHz - PUDONG TOWER
TWR - 118.72 MHz - PUDONG SECONDARY TOWER	TWR - 118.32 MHz - PUDONG SECONDARY TOWER
GND - 121.62 MHz - PUDONG GROUND	GND - 121.80 MHz - PUDONG GROUND
GND - 121.87 MHz - PUDONG GROUND	GND - 121.70 MHz - PUDONG GROUND
GND - 122.70 MHz - PUDONG APRON RAMP/TAXI	GND - 122.60 MHz - PUDONG APRON RAMP/TAXI
GND - 122.65 MHz - PUDONG APRON RAMP/TAXI	GND - 122.97 MHz - PUDONG APRON RAMP/TAXI
CLD - 121.95 MHz - PUDONG CLEARANCE DELIVERY	CLD - 121.67 MHz -
APP - 121.10 MHz - SHANGHAI APPROACH	PUDONG SECONDARY CLEARANCE DELIVERY
APP - 120.30 MHz - SHANGHAI APPROACH	APP - 125.40 MHz - SHANGHAI APPROACH
APP - 125.85 MHz - SHANGHAI APPROACH	APP - 125.62 MHz - SHANGHAI APPROACH
APP - 126.65 MHz - SHANGHAI APPROACH	APP - 126.30 MHz - SHANGHAI APPROACH
APP - 121.37 MHz - SHANGHAI APPROACH	APP - 123.80 MHz - SHANGHAI APPROACH
APP - 120.65 MHz - SHANGHAI SECONDARY APPROACH	APP - 119.75 MHz - SHANGHAI SECONDARY APPROACH
APP - 124.05 MHz - SHANGHAI SECONDARY APPROACH	APP - 128.05 MHz - SHANGHAI SECONDARY APPROACH
	APP - 119.20 MHz - SHANGHAI SECONDARY APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	144 ft	11,192 ft	162.14	CONCRETE	0 ft	197 ft
	44 m	3,411 m	168.62		0 m	60 m
33	144 ft	11,192 ft	342.15	CONCRETE	0 ft	194 ft
	44 m	3,411 m	348.63		0 m	59 m
16L	197 ft	12,505 ft	162.10	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.58		0 m	0 m
34R	197 ft	12,505 ft	342.11	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.59		0 m	0 m
16R	197 ft	12,505 ft	162.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.56		0 m	0 m
34L	197 ft	12,505 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.57		0 m	0 m
17L	197 ft	13,155 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	168.56		0 m	0 m
35R	197 ft	13,155 ft	342.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	348.56		0 m	0 m
17R	197 ft	11,183 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	3,409 m	168.56		0 m	0 m
35L	197 ft	11,183 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,409 m	348.57		0 m	0 m



## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	DME	IZZ	108.70 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
17L	DME	IPD	110.70 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
34L	DME	IDD	108.30 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
16L	LOC-ILS	IHL	111.50 MHz	18 nm	162.11	-	13 ft
				33 km	168.59		13 m
16R	LOC-ILS	IZZ	108.70 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
17L	LOC-ILS	IPD	110.70 MHz	18 nm	162.08	-	13 ft
				33 km	168.56		13 m
17R	LOC-ILS	IKM	111.10 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
34L	LOC-ILS	IDD	108.30 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
34R	LOC-ILS	IPR	108.90 MHz	18 nm	342.11	-	13 ft
				33 km	348.59		13 m
35L	LOC-ILS	IBD	108.10 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
35R	LOC-ILS	INN	111.90 MHz	18 nm	342.08	-	13 ft
				33 km	348.56		13 m
16L	GS	IHL	111.50 MHz	10 nm	162.11	3.00	13 ft
				19 km	168.59		13 m
16R	GS	IZZ	108.70 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
17L	GS	IPD	110.70 MHz	10 nm	162.08	3.00	13 ft
				19 km	168.56		13 m
17R	GS	IKM	111.10 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
34L	GS	IDD	108.30 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
34R	GS	IPR	108.90 MHz	10 nm	342.11	3.00	13 ft
				19 km	348.59		13 m
35L	GS	IBD	108.10 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
35R	GS	INN	111.90 MHz	10 nm	342.08	3.00	13 ft
				19 km	348.56		13 m