

VABB

Mumbai Chhatrapati Shivaji Intl

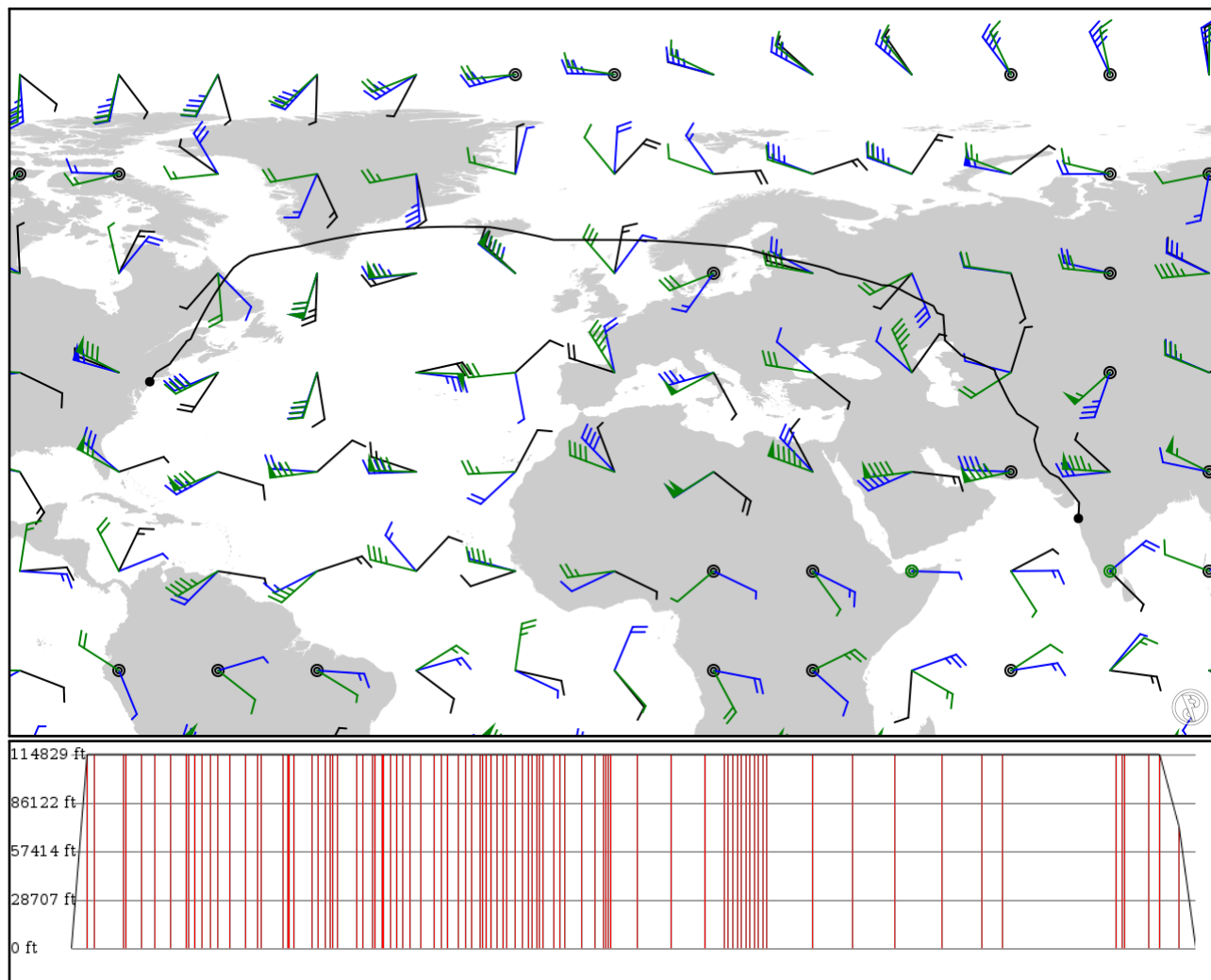
KJFK

John F. Kennedy Intl

2024/05/08 1324Z

VABB DOTIP **A347** APANO **G208** KE **B210** NH **B466** SERKA **V390** SODAS **N636** PAROD **M375** RIKAD **L750** RANAH **B801**
UTAT **B359** TASHA **B801** NAKUK **A107** URASA TITIL BODSI **A122** DOKUS URL **G3** ARISA GITEK **A244** NELIL UNABI
A244 MB **R480** CW **W30** NE **R804** BD **B160** OKULO **B929** ATLUM **B965** LEDUN **N872** EVIRO **Z155** ISVIG 6300N0100W
6300N0200W 6300N0300W 6300N0400W 6300N0500W 6300N0600W 6300N0700W 6300N0800W 6300N0900W 63/10 **B**
PIDSO IRBIM **N798A** TAFFY 4700N06800W PQI **J55** ENE **Q480** BAF KJFK

7112.69 nm / 13172.70 km



Notes

Using NAT tracks from 21/2/2024

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
VABB	-	19.08910	0 ft	-	Mumbai Chhatrapati Shivaji Intl
APT	-	72.86560	0 m	-	
DOTIP	-	20.75810	35,000 ft	100	-
FIX	-	72.94640	10,668 m	-	
APANO	A347	21.58390	35,000 ft	49	-
FIX	AWY-HI	72.98280	10,668 m	-	
SASRO	G208	24.07140	35,000 ft	185	-
FIX	AWY-HI	70.99970	10,668 m	-	
PARTY	G208	24.24390	35,000 ft	12	-
FIX	AWY-HI	70.86640	10,668 m	-	
KE	G208	25.52010	35,000 ft	97	CHORE
NDB	AWY-HI	69.77090	10,668 m	-	
NH	B210	26.21760	35,000 ft	85	NAWABSHAH
VOR	AWY-HI	68.38580	10,668 m	-	
IDEBA	B466	27.45830	35,000 ft	96	-
FIX	AWY-HI	67.22720	10,668 m	-	
KALAT	B466	29.03360	35,000 ft	100	-
FIX	AWY-HI	66.58360	10,668 m	-	
BARBI	B466	29.35030	35,000 ft	19	-
FIX	AWY-HI	66.46690	10,668 m	-	
SERKA	B466	29.85030	35,000 ft	32	-
FIX	AWY-HI	66.25030	10,668 m	-	
SODAS	V390	30.66060	35,000 ft	49	-
FIX	AWY-LO	66.06720	10,668 m	-	
PAROD	N636	31.48330	35,000 ft	50	-
FIX	AWY-HI	65.90000	10,668 m	-	
DARUS	M375	32.29560	35,000 ft	50	-
FIX	AWY-LO	66.12690	10,668 m	-	
RIKAD	M375	33.46170	35,000 ft	71	-
FIX	AWY-LO	66.45830	10,668 m	-	
VELDT	L750	34.50000	35,000 ft	99	-
FIX	AWY-HI	64.90000	10,668 m	-	
ENRON	L750	35.30000	35,000 ft	78	-
FIX	AWY-HI	63.65000	10,668 m	-	
RANAH	L750	35.58330	35,000 ft	27	-
FIX	AWY-HI	63.20000	10,668 m	-	
UTAM	B801	37.62170	35,000 ft	137	-
FIX	AWY-HI	61.89670	10,668 m	-	
ABDUR	B801	38.01330	35,000 ft	24	-
FIX	AWY-HI	61.72670	10,668 m	-	
AML0M	B801	38.12330	35,000 ft	7	-
FIX	AWY-HI	61.65000	10,668 m	-	
DUTAR	B801	38.65500	35,000 ft	34	-
FIX	AWY-HI	61.38500	10,668 m	-	
SAGAT	B801	40.43330	35,000 ft	114	-
FIX	AWY-HI	60.51170	10,668 m	-	
TAKIP	B801	41.04170	35,000 ft	38	-
FIX	AWY-HI	60.22500	10,668 m	-	
UTAT	B801	41.76170	35,000 ft	46	-
FIX	AWY-HI	59.82670	10,668 m	-	
TASHA	B359	42.19170	35,000 ft	26	-
FIX	AWY-HI	59.71330	10,668 m	-	
NAKUK	B801	42.48830	35,000 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	59.62330	10,668 m		
IPNAR	A107	42.74330	35,000 ft	27	-
FIX	AWY-HI	59.09670	10,668 m		
TARAM	A107	43.84330	35,000 ft	123	-
FIX	AWY-HI	56.70170	10,668 m		
URASA	A107	44.14610	35,000 ft	35	-
FIX	AWY-HI	56.00000	10,668 m		
TITIL	-	44.66220	35,000 ft	66	-
FIX	-	54.63610	10,668 m		
BODSI	-	44.84280	35,000 ft	17	-
FIX	-	54.32060	10,668 m		
ANIGA	A122	45.35830	35,000 ft	38	-
FIX	AWY-HI	53.77970	10,668 m		
GOLGI	A122	45.53140	35,000 ft	12	-
FIX	AWY-HI	53.59530	10,668 m		
OTMAS	A122	46.07190	35,000 ft	40	-
FIX	AWY-HI	53.00940	10,668 m		
RENPI	A122	46.57690	35,000 ft	38	-
FIX	AWY-HI	52.44890	10,668 m		
ATR	A122	47.14390	35,000 ft	43	ATYRAU
VOR	AWY-HI	51.80150	10,668 m		
OLAPU	A122	47.86280	35,000 ft	43	-
FIX	AWY-HI	51.75860	10,668 m		
BAGIR	A122	49.02530	35,000 ft	69	-
FIX	AWY-HI	51.68500	10,668 m		
DOKUS	A122	50.42750	35,000 ft	84	-
FIX	AWY-HI	51.59110	10,668 m		
URL	-	51.14870	35,000 ft	43	URALSK
VOR	-	51.54380	10,668 m		
ARISA	G3	51.49000	35,000 ft	42	-
FIX	AWY-HI	50.54830	10,668 m		
GITEK	-	52.56670	35,000 ft	67	-
FIX	-	49.98170	10,668 m		
BANOG	A244	53.06500	35,000 ft	47	-
FIX	AWY-HI	48.96670	10,668 m		
BARGI	A244	53.44280	35,000 ft	36	-
FIX	AWY-HI	48.17060	10,668 m		
DILMI	A244	53.98330	35,000 ft	53	-
FIX	AWY-HI	46.98500	10,668 m		
BUPUR	A244	54.16390	35,000 ft	16	-
FIX	AWY-HI	46.65000	10,668 m		
NELIL	A244	54.42860	35,000 ft	23	-
FIX	AWY-HI	46.15080	10,668 m		
UNABI	-	54.75310	35,000 ft	29	-
FIX	-	45.52470	10,668 m		
NEBOM	A244	55.17310	35,000 ft	36	-
FIX	AWY-HI	44.74500	10,668 m		
MB	A244	55.59440	35,000 ft	41	CHERNUKHA
NDB	AWY-HI	43.78060	10,668 m		
RP	R480	55.79530	35,000 ft	24	SOSNOVSKOYE
NDB	AWY-HI	43.16030	10,668 m		
CW	R480	55.86780	35,000 ft	46	KRASNAYA GORBATKA
NDB	AWY-HI	41.78440	10,668 m		
VA	W30	56.26360	35,000 ft	46	DOBRYNSKOYE
NDB	AWY-HI	40.59940	10,668 m		
SMILA	W30	56.56920	35,000 ft	37	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	39.60470	10,668 m		
IRBET	W30	56.75500	35,000 ft	23	-
FIX	AWY-HI	38.97810	10,668 m		
NE	W30	57.03780	35,000 ft	36	NERL
NDB	AWY-HI	37.99530	10,668 m		
BD	R804	57.10780	35,000 ft	10	BOGDANOVO
NDB	AWY-HI	37.71190	10,668 m		
BENEK	B160	57.28830	35,000 ft	28	-
FIX	AWY-HI	36.90940	10,668 m		
DB	B160	57.71310	35,000 ft	67	POCHINOK
NDB	AWY-HI	34.97190	10,668 m		
NUKOL	B160	58.08330	35,000 ft	34	-
FIX	AWY-HI	34.13110	10,668 m		
OKULO	B160	58.40330	35,000 ft	30	-
FIX	AWY-HI	33.38940	10,668 m		
GOLTI	B929	59.19310	35,000 ft	107	-
FIX	AWY-HI	30.30610	10,668 m		
ATLUM	B929	59.76530	35,000 ft	87	-
FIX	AWY-HI	27.66890	10,668 m		
LEDUN	B965	59.97500	35,000 ft	48	-
FIX	AWY-HI	26.11170	10,668 m		
ROPAM	N872	60.13310	35,000 ft	17	-
FIX	AWY-HI	25.60170	10,668 m		
ULTIR	N872	60.25390	35,000 ft	13	-
FIX	AWY-HI	25.20360	10,668 m		
EVIRO	N872	60.37500	35,000 ft	14	-
FIX	AWY-HI	24.79830	10,668 m		
TOGMI	Z155	61.76190	35,000 ft	173	-
FIX	AWY-HI	19.54030	10,668 m		
OLGUV	Z155	62.43420	35,000 ft	210	-
FIX	AWY-HI	12.18150	10,668 m		
EDAPA	Z155	62.92040	35,000 ft	216	-
FIX	AWY-HI	4.37617	10,668 m		
ISVIG	Z155	63.00000	35,000 ft	119	-
FIX	AWY-HI	0.00000	10,668 m		
6300N0100W	-	63.00000	35,000 ft	27	-
LATLON	-	-1.00000	10,668 m		
6300N0200W	-	63.00000	35,000 ft	27	-
LATLON	-	-2.00000	10,668 m		
6300N0300W	-	63.00000	35,000 ft	27	-
LATLON	-	-3.00000	10,668 m		
6300N0400W	-	63.00000	35,000 ft	27	-
LATLON	-	-4.00000	10,668 m		
6300N0500W	-	63.00000	35,000 ft	27	-
LATLON	-	-5.00000	10,668 m		
6300N0600W	-	63.00000	35,000 ft	27	-
LATLON	-	-6.00000	10,668 m		
6300N0700W	-	63.00000	35,000 ft	27	-
LATLON	-	-7.00000	10,668 m		
6300N0800W	-	63.00000	35,000 ft	27	-
LATLON	-	-8.00000	10,668 m		
6300N0900W	-	63.00000	35,000 ft	27	-
LATLON	-	-9.00000	10,668 m		
63/10	-	63.00000	35,000 ft	27	-
LATLON	-	-10.00000	10,668 m		
65/20	B	65.00000	35,000 ft	288	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	NAT	-20.00000	10,668 m		
65/30	B	65.00000	35,000 ft	253	-
LATLON	NAT	-30.00000	10,668 m		
64/40	B	64.00000	35,000 ft	265	-
LATLON	NAT	-40.00000	10,668 m		
62/50	B	62.00000	35,000 ft	297	-
LATLON	NAT	-50.00000	10,668 m		
PIDSO	B	60.46670	35,000 ft	248	-
FIX	NAT	-58.00000	10,668 m		
IRBIM	-	58.65330	35,000 ft	133	-
FIX	-	-60.53260	10,668 m		
TAFFY	N798A	47.37340	35,000 ft	719	-
FIX	AWY-HI	-67.30390	10,668 m		
4700N06800W	-	47.00000	35,000 ft	36	-
LATLON	-	-68.00000	10,668 m		
PQI	-	46.77420	35,000 ft	14	PRESQUE ISLE
VOR	-	-68.09450	10,668 m		
FRIAR	J55	44.44140	35,000 ft	159	-
FIX	AWY-HI	-69.88460	10,668 m		
ENE	J55	43.42570	35,000 ft	68	KENNEBUNK
VOR	AWY-HI	-70.61350	10,668 m		
BAF	Q480	42.16200	22,000 ft	119	BARNES (WESTFIELD/SPRINGFIELD)
VOR	AWY-HI	-72.71620	6,706 m		
KJFK	-	40.64010	0 ft	103	John F. Kennedy Intl
APT	-	-73.77650	0 m		

VABB

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 39 ft / 12 m
Location: 19.089100 72.865600
Magnetic Var: 0.256 E

METAR

VABB 081300Z 28009KT 5000 HZ SCT020 30/26 Q1006 NOSIG

TAF

TAF VABB 081100Z 0812/0918 27012KT 4000 HZ FEW020 SCT025 BECMG 0816/0818 28007KT 3000 BR HZ BECMG 0820/0822 29005KT

Frequencies

REC - 126.40 MHz - MUMBAI INFORMATION	GND - 121.75 MHz - MUMBAI GROUND
GND - 121.85 MHz - MUMBAI GROUND	GND - 121.90 MHz - MUMBAI GROUND
TWR - 118.10 MHz - MUMBAI TOWER	TWR - 122.50 MHz - MUMBAI TOWER
APP - 119.30 MHz - MUMBAI APPROACH	APP - 120.35 MHz - MUMBAI APPROACH
APP - 127.90 MHz - MUMBAI APPROACH	APP - 120.50 MHz - MUMBAI RADAR
APP - 125.35 MHz - MUMBAI RADAR	APP - 132.70 MHz - MUMBAI RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	197 ft	11,297 ft	89.15	ASPHALT	466 ft	0 ft
	60 m	3,443 m	88.89		142 m	0 m
27	197 ft	11,297 ft	269.16	ASPHALT	1,585 ft	135 ft
	60 m	3,443 m	268.91		483 m	41 m
14	150 ft	9,434 ft	134.27	ASPHALT	1,339 ft	203 ft
	46 m	2,875 m	134.02		408 m	62 m
32	150 ft	9,434 ft	314.28	ASPHALT	853 ft	203 ft
	46 m	2,875 m	314.02		260 m	62 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	IBOM	109.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
14	DME	IBBY	110.10 MHz	18 nm	-	-	37 ft
				33 km	-		37 m
27	DME	ISCZ	110.30 MHz	18 nm	-	-	37 ft
				33 km	-		37 m
09	LOC-ILS	IBOM	109.50 MHz	18 nm	89.16	-	39 ft
				33 km	88.90		39 m
14	LOC-ILS	IBBY	110.10 MHz	18 nm	134.28	-	39 ft
				33 km	134.02		39 m
27	LOC-ILS	ISCZ	110.30 MHz	18 nm	269.16	-	39 ft
				33 km	268.90		39 m
09	GS	IBOM	109.50 MHz	10 nm	89.16	3.00	39 ft
				19 km	88.90		39 m
14	GS	IBBY	110.10 MHz	10 nm	134.28	3.00	39 ft
				19 km	134.02		39 m
27	GS	ISCZ	110.30 MHz	10 nm	269.16	3.30	39 ft
				19 km	268.90		39 m

KJFK

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

Elevation: 12 ft / 4 m
Location: 40.640100 -73.776500
Magnetic Var: 12.820 W

METAR

KJFK 081251Z 18012KT 8SM -RA FEW008 SCT038 BKN110 OVC250 16/16 A2965 RMK A02 RAB11 TSB02E48 SLP040 CB DSNT NE-SE M

TAF

TAF AMD KJFK 081251Z 0813/0918 19009KT P6SM SCT003 BKN015 TEMPO 0813/0814 BKN003 BKN015 FM081400 19011KT P6SM SCT

Frequencies

REC - 115.40 MHz - D-ATIS	REC - 117.70 MHz - D-ATIS
REC - 128.72 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 135.05 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - KENNEDY GROUND
GND - 121.65 MHz - KENNEDY GROUND	TWR - 119.10 MHz - KENNEDY TOWER
TWR - 123.90 MHz - KENNEDY TOWER	APP - 125.70 MHz - NEW YORK APPROACH
APP - 128.12 MHz - NEW YORK APPROACH	APP - 118.40 MHz - NEW YORK APPROACH
APP - 123.70 MHz - NEW YORK APPROACH	APP - 126.80 MHz - NEW YORK APPROACH
APP - 132.40 MHz - NEW YORK APPROACH	APP - 134.35 MHz - NEW YORK APPROACH
DEP - 135.90 MHz - NEW YORK DEPARTURE	DEP - 123.70 MHz - NEW YORK DEPARTURE
DEP - 124.75 MHz - NEW YORK DEPARTURE	DEP - 134.35 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	200 ft	14,526 ft	120.83	CONCRETE	2,057 ft	390 ft
	61 m	4,428 m	133.65		627 m	119 m
31L	200 ft	14,526 ft	300.86	CONCRETE	3,271 ft	495 ft
	61 m	4,428 m	313.68		997 m	151 m
13L	151 ft	10,010 ft	120.85	CONCRETE	912 ft	387 ft
	46 m	3,051 m	133.67		278 m	118 m
31R	151 ft	10,010 ft	300.87	CONCRETE	1,037 ft	177 ft
	46 m	3,051 m	313.69		316 m	54 m
04R	200 ft	8,407 ft	30.67	ASPHALT	0 ft	440 ft
	61 m	2,562 m	43.49		0 m	134 m
22L	200 ft	8,407 ft	210.68	ASPHALT	0 ft	505 ft
	61 m	2,562 m	223.50		0 m	154 m
04L	200 ft	12,091 ft	30.67	CONCRETE	459 ft	200 ft
	61 m	3,685 m	43.49		140 m	61 m
22R	200 ft	12,091 ft	210.68	CONCRETE	3,425 ft	407 ft
	61 m	3,685 m	223.50		1,044 m	124 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHIQ	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04R	DME	IJFK	109.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
13L	DME	ITLK	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
22L	DME	IIWY	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22R	DME	IJOC	109.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
31R	DME	IRTH	111.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
04L	LOC-ILS	IHIQ	110.90 MHz	18 nm 33 km	30.68 43.50	-	12 ft 12 m
04R	LOC-ILS	IJFK	109.50 MHz	18 nm 33 km	30.67 43.49	-	12 ft 12 m
13L	LOC-ILS	ITLK	111.50 MHz	18 nm 33 km	120.87 133.69	-	12 ft 12 m
22L	LOC-ILS	IIWY	110.90 MHz	18 nm 33 km	210.67 223.49	-	12 ft 12 m
22R	LOC-ILS	IJOC	109.50 MHz	18 nm 33 km	210.68 223.50	-	12 ft 12 m
31L	LOC-ILS	IMOH	111.35 MHz	18 nm 33 km	300.84 313.66	-	12 ft 12 m
31R	LOC-ILS	IRTH	111.50 MHz	18 nm 33 km	300.87 313.69	-	12 ft 12 m
04L	GS	IHIQ	110.90 MHz	10 nm 19 km	30.68 43.50	3.00	12 ft 12 m
04R	GS	IJFK	109.50 MHz	10 nm 19 km	30.67 43.49	3.00	12 ft 12 m
13L	GS	ITLK	111.50 MHz	10 nm 19 km	120.87 133.69	3.00	12 ft 12 m
22L	GS	IIWY	110.90 MHz	10 nm 19 km	210.67 223.49	3.00	12 ft 12 m
22R	GS	IJOC	109.50 MHz	10 nm 19 km	210.68 223.50	3.00	12 ft 12 m
31L	GS	IMOH	111.35 MHz	10 nm 19 km	300.84 313.66	3.00	12 ft 12 m
31R	GS	IRTH	111.50 MHz	10 nm 19 km	300.87 313.69	3.00	12 ft 12 m