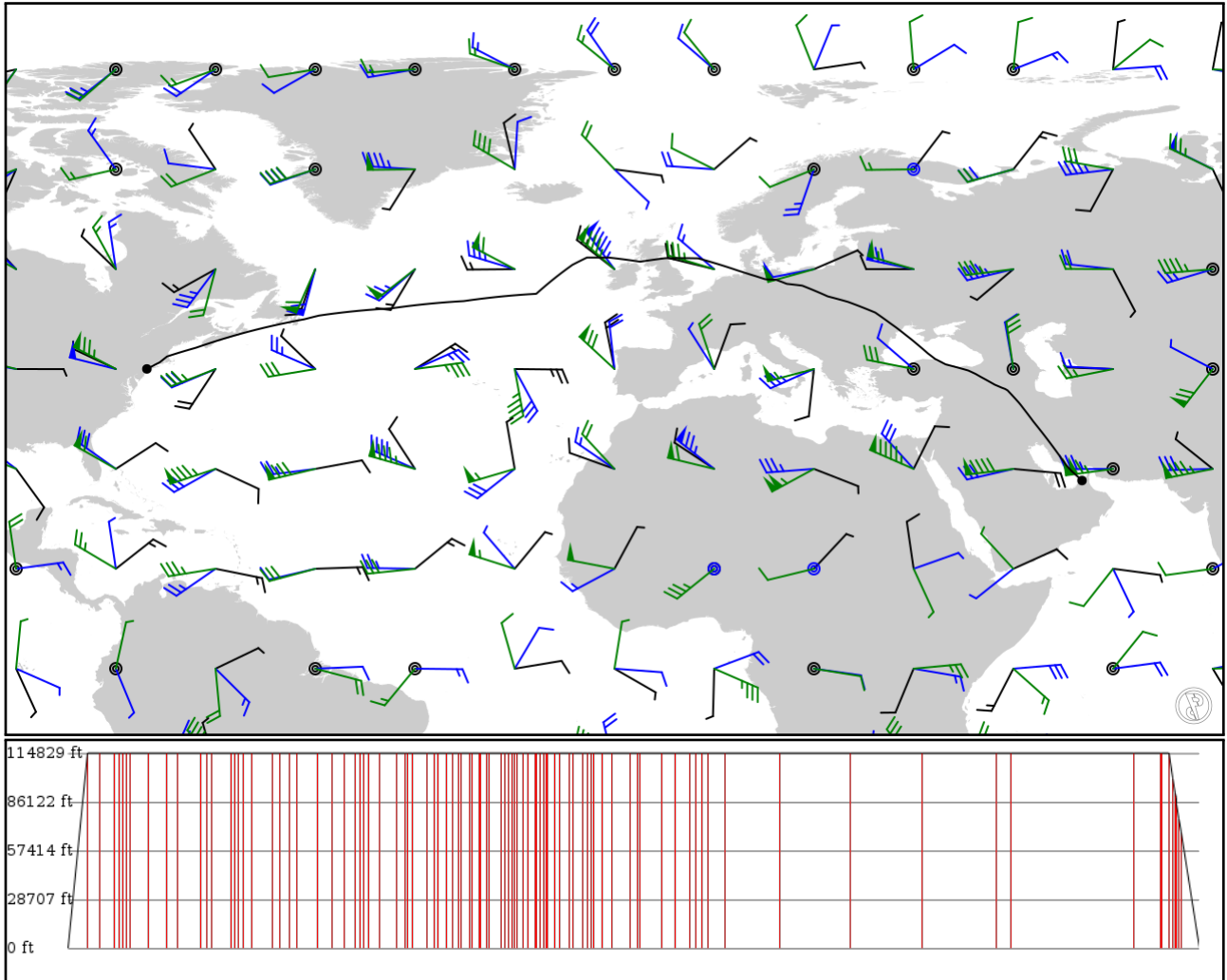


2024/05/11 0719Z

OMDB KIS **UL223** LAM **T217** EGSIR **UL223** UMH **G781** BONAM **UT366** SONAD **UL746** CRM **UM860** KUGOS **M860** INROG
L981 ADVAB **L980** SUBIX **UL867** RADEL **UL619** SUTEB **L619** VALBO **UL619** CUTEL **L983** SAB **UN562** MAC **N562** MIMKU
5600N0-1100W 5600N0-1200W 5600N0-1300W RESNO 51/20 A NICSO **N201B** TUSKY **J575** BOS **V16** ORW KJFK

6191.52 nm / 11466.70 km



Notes

Using NAT tracks from 2/6/2020

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
OMDB	-	25.25110	0 ft	-	Dubai Intl
APT	-	55.37110	0 m		
KIS	-	26.52520	35,000 ft	107	KISH ISLAND
VOR	-	53.96240	10,668 m		
LAM	UL223	27.37280	35,000 ft	65	LAMERD
VOR	AWY-HI	53.18400	10,668 m		
LAGSA	T217	28.55170	35,000 ft	83	-
FIX	AWY-HI	52.34890	10,668 m		
DASDO	T217	28.90030	35,000 ft	24	-
FIX	AWY-HI	52.09750	10,668 m		
TOTNO	T217	29.18110	35,000 ft	19	-
FIX	AWY-HI	51.89330	10,668 m		
RUBAK	T217	29.43810	35,000 ft	18	-
FIX	AWY-HI	51.70500	10,668 m		
EGSIR	T217	29.77080	35,000 ft	23	-
FIX	AWY-HI	51.45970	10,668 m		
KIXOB	UL223	31.15470	35,000 ft	99	-
FIX	AWY-HI	50.41640	10,668 m		
ALTAX	UL223	32.50390	35,000 ft	97	-
FIX	AWY-HI	49.36170	10,668 m		
UKSIS	UL223	33.36640	35,000 ft	62	-
FIX	AWY-HI	48.66720	10,668 m		
TUKLO	UL223	35.17060	35,000 ft	127	-
FIX	AWY-HI	47.29750	10,668 m		
TAVNI	UL223	35.63530	35,000 ft	32	-
FIX	AWY-HI	46.94190	10,668 m		
REXAN	UL223	35.98060	35,000 ft	24	-
FIX	AWY-HI	46.65970	10,668 m		
KAPES	UL223	37.42220	35,000 ft	107	-
FIX	AWY-HI	45.33440	10,668 m		
UMH	UL223	37.68720	35,000 ft	19	UROMIYEH
VOR	AWY-HI	45.08440	10,668 m		
TUDNU	G781	37.88360	35,000 ft	19	-
FIX	AWY-HI	44.74640	10,668 m		
BONAM	G781	38.04890	35,000 ft	23	-
FIX	AWY-HI	44.29970	10,668 m		
VAN	UT366	38.46610	35,000 ft	52	VAN
VOR	AWY-HI	43.32520	10,668 m		
TURNA	UT366	39.55860	35,000 ft	112	-
FIX	AWY-HI	41.35780	10,668 m		
DAMAT	UT366	39.95610	35,000 ft	39	-
FIX	AWY-HI	40.66470	10,668 m		
SONAD	UT366	40.41810	35,000 ft	53	-
FIX	AWY-HI	39.67640	10,668 m		
BAMLA	UL746	40.64030	35,000 ft	37	-
FIX	AWY-HI	38.90280	10,668 m		
CRM	UL746	41.26550	35,000 ft	113	CARSAMBA (SAMSUN)
VOR	AWY-HI	36.54890	10,668 m		
SIN	UM860	42.02230	35,000 ft	80	SINOP
VOR	AWY-HI	35.07680	10,668 m		
KUGOS	UM860	42.78060	35,000 ft	63	-
FIX	AWY-HI	34.08780	10,668 m		
ABRAN	M860	43.61720	35,000 ft	65	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	33.12220	10,668 m		
TUNSA	M860	43.92330	35,000 ft	24	-
FIX	AWY-HI	32.75830	10,668 m		
NEVKA	M860	44.15750	35,000 ft	18	-
FIX	AWY-HI	32.47640	10,668 m		
BOMKI	M860	44.53500	35,000 ft	29	-
FIX	AWY-HI	32.03000	10,668 m		
DIGAM	M860	45.25830	35,000 ft	58	-
FIX	AWY-HI	31.11170	10,668 m		
ANEDO	M860	46.36330	35,000 ft	89	-
FIX	AWY-HI	29.69190	10,668 m		
KIV	M860	46.92600	35,000 ft	46	CHISINAU
VOR	AWY-HI	28.90450	10,668 m		
NETED	M860	47.11440	35,000 ft	15	-
FIX	AWY-HI	28.64920	10,668 m		
ERADA	M860	47.43920	35,000 ft	26	-
FIX	AWY-HI	28.20280	10,668 m		
INROG	M860	48.41470	35,000 ft	80	-
FIX	AWY-HI	26.81280	10,668 m		
RIMOS	L981	48.75830	35,000 ft	38	-
FIX	AWY-HI	25.98000	10,668 m		
GOTRA	L981	48.91330	35,000 ft	17	-
FIX	AWY-HI	25.59830	10,668 m		
KUSAK	L981	49.34500	35,000 ft	50	-
FIX	AWY-HI	24.50170	10,668 m		
ABSON	L981	49.63060	35,000 ft	33	-
FIX	AWY-HI	23.75610	10,668 m		
DIBED	L981	49.88830	35,000 ft	31	-
FIX	AWY-HI	23.05830	10,668 m		
ARSOG	L981	49.99060	35,000 ft	15	-
FIX	AWY-HI	22.69970	10,668 m		
NIDIP	L981	50.29060	35,000 ft	45	-
FIX	AWY-HI	21.61280	10,668 m		
ETITI	L981	50.39580	35,000 ft	16	-
FIX	AWY-HI	21.21970	10,668 m		
KOTEK	L981	50.64720	35,000 ft	39	-
FIX	AWY-HI	20.25110	10,668 m		
OBALU	L981	50.71080	35,000 ft	6	-
FIX	AWY-HI	20.10940	10,668 m		
ROGAL	L981	50.98690	35,000 ft	28	-
FIX	AWY-HI	19.48560	10,668 m		
MAKOV	L981	51.14920	35,000 ft	17	-
FIX	AWY-HI	19.11190	10,668 m		
BADNO	L981	51.75000	35,000 ft	64	-
FIX	AWY-HI	17.67830	10,668 m		
NILPU	L981	51.95280	35,000 ft	22	-
FIX	AWY-HI	17.17500	10,668 m		
ADVAB	L981	52.13060	35,000 ft	19	-
FIX	AWY-HI	16.72720	10,668 m		
OBOLA	L980	52.19440	35,000 ft	19	-
FIX	AWY-HI	16.21140	10,668 m		
KELOD	L980	52.23390	35,000 ft	12	-
FIX	AWY-HI	15.88330	10,668 m		
BAREP	L980	52.27110	35,000 ft	11	-
FIX	AWY-HI	15.56440	10,668 m		
SUBIX	L980	52.37970	35,000 ft	36	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	14.58560	10,668 m		
GERGA	UL867	52.60250	35,000 ft	24	-
FIX	AWY-HI	14.02810	10,668 m		
RADEL	UL867	52.94940	35,000 ft	39	-
FIX	AWY-HI	13.10530	10,668 m		
PODUS	UL619	52.95920	35,000 ft	9	-
FIX	AWY-HI	12.83060	10,668 m		
VIBIS	UL619	52.97520	35,000 ft	17	-
FIX	AWY-HI	12.33860	10,668 m		
PITEN	UL619	52.99000	35,000 ft	19	-
FIX	AWY-HI	11.81140	10,668 m		
BKD	UL619	53.03450	35,000 ft	9	BRUENKENDORF
VOR	AWY-HI	11.54620	10,668 m		
BUMIL	UL619	53.12000	35,000 ft	10	-
FIX	AWY-HI	11.28610	10,668 m		
AMLUH	UL619	53.42900	35,000 ft	39	-
FIX	AWY-HI	10.32250	10,668 m		
LBV	UL619	53.65250	35,000 ft	29	-
FIX	AWY-HI	9.57944	10,668 m		
GOLEN	UL619	54.05970	35,000 ft	50	-
FIX	AWY-HI	8.32083	10,668 m		
DHE	UL619	54.18570	35,000 ft	16	HELGOLAND
VOR	AWY-HI	7.91070	10,668 m		
GOMKU	UL619	54.65690	35,000 ft	56	-
FIX	AWY-HI	6.50000	10,668 m		
ABLUN	UL619	54.85080	35,000 ft	23	-
FIX	AWY-HI	5.89509	10,668 m		
SUTEB	UL619	55.00000	35,000 ft	18	-
FIX	AWY-HI	5.41882	10,668 m		
VALBO	L619	55.12890	35,000 ft	16	-
FIX	AWY-HI	5.00000	10,668 m		
AVRAL	UL619	55.50940	35,000 ft	49	-
FIX	AWY-HI	3.71639	10,668 m		
CUTEL	UL619	55.88580	35,000 ft	50	-
FIX	AWY-HI	2.37444	10,668 m		
GOMOT	L983	55.91940	35,000 ft	98	-
FIX	AWY-HI	-0.54417	10,668 m		
MADAD	L983	55.91310	35,000 ft	40	-
FIX	AWY-HI	-1.73389	10,668 m		
SAB	L983	55.90750	35,000 ft	15	SAINT ABBS
VOR	AWY-HI	-2.20634	10,668 m		
MAC	UN562	55.43000	35,000 ft	120	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		
5600N0-1100W	-	56.00000	35,000 ft	33	-
LATLON	-	-11.00000	10,668 m		
5600N0-1200W	-	56.00000	35,000 ft	33	-
LATLON	-	-12.00000	10,668 m		
5600N0-1300W	-	56.00000	35,000 ft	33	-
LATLON	-	-13.00000	10,668 m		
RESNO	-	55.00000	35,000 ft	90	-
FIX	-	-15.00000	10,668 m		
51/20	-	51.00000	35,000 ft	300	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-20.00000	10,668 m		
50/30	A	50.00000	35,000 ft	386	-
LATLON	NAT	-30.00000	10,668 m		
49/40	A	49.00000	35,000 ft	394	-
LATLON	NAT	-40.00000	10,668 m		
48/50	A	48.00000	35,000 ft	402	-
LATLON	NAT	-50.00000	10,668 m		
NICSO	A	47.50000	35,000 ft	86	-
FIX	NAT	-52.00000	10,668 m		
TUSKY	N201B	43.56500	35,000 ft	672	-
FIX	AWY-HI	-67.00000	10,668 m		
CANAL	J575	42.66900	35,000 ft	143	-
FIX	AWY-HI	-70.02270	10,668 m		
SCUPP	J575	42.60310	35,000 ft	9	-
FIX	AWY-HI	-70.23040	10,668 m		
BOS	J575	42.35740	35,000 ft	36	BOSTON
VOR	AWY-HI	-70.98950	10,668 m		
MILIS	V16	42.10520	30,500 ft	20	-
FIX	AWY-LO	-71.31160	9,296 m		
WOONS	V16	41.95060	27,800 ft	12	-
FIX	AWY-LO	-71.50700	8,473 m		
HEFTY	V16	41.90530	27,000 ft	3	-
FIX	AWY-LO	-71.56400	8,230 m		
FOSTY	V16	41.84320	25,900 ft	5	-
FIX	AWY-LO	-71.64200	7,894 m		
JEWIT	V16	41.69610	23,300 ft	12	-
FIX	AWY-LO	-71.82590	7,102 m		
ORW	V16	41.55640	20,800 ft	11	NORWICH
VOR	AWY-LO	-71.99940	6,340 m		
KJFK	-	40.64010	0 ft	97	John F. Kennedy Intl
APT	-	-73.77650	0 m		

OMDB

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.353 E

METAR

OMDB 110700Z 28006KT 190V320 CAVOK 32/21 Q1009 NOSIG

TAF

TAF OMDB 110500Z 1106/1212 21005KT 8000 NSC BECMG 1106/1108 33013KT BECMG 1117/1119 10005KT PROB30 1200/1204 4000

Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.17		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.15		302 m	115 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m

KJFK

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

Elevation: 12 ft / 4 m
Location: 40.640100 -73.776500
Magnetic Var: 12.819 W

METAR

KJFK 110651Z 35006KT 10SM BKN130 09/06 A2984 RMK AO2 SLP103 T00890056

TAF

TAF KJFK 110534Z 1106/1212 VRB04KT P6SM SCT020 BKN070 FM110800 VRB05KT P6SM SCT070 SCT120 FM111200 05010KT P6SM S

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	-	-	13 ft
				33 km	-		13 m
31R	DME	IRTH	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04L	LOC-ILS	IHIQ	110.90 MHz	18 nm	30.68	-	12 ft
				33 km	43.50		12 m
04R	LOC-ILS	IJFK	109.50 MHz	18 nm	30.67	-	12 ft
				33 km	43.49		12 m
13L	LOC-ILS	ITLK	111.50 MHz	18 nm	120.87	-	12 ft
				33 km	133.69		12 m
22L	LOC-ILS	IIWY	110.90 MHz	18 nm	210.67	-	12 ft
				33 km	223.49		12 m
22R	LOC-ILS	IJOC	109.50 MHz	18 nm	210.68	-	12 ft
				33 km	223.50		12 m
31L	LOC-ILS	IMOH	111.35 MHz	18 nm	300.84	-	12 ft
				33 km	313.66		12 m
31R	LOC-ILS	IRTH	111.50 MHz	18 nm	300.87	-	12 ft
				33 km	313.69		12 m
04L	GS	IHIQ	110.90 MHz	10 nm	30.68	3.00	12 ft
				19 km	43.50		12 m
04R	GS	IJFK	109.50 MHz	10 nm	30.67	3.00	12 ft
				19 km	43.49		12 m
13L	GS	ITLK	111.50 MHz	10 nm	120.87	3.00	12 ft
				19 km	133.69		12 m
22L	GS	IIWY	110.90 MHz	10 nm	210.67	3.00	12 ft
				19 km	223.49		12 m
22R	GS	IJOC	109.50 MHz	10 nm	210.68	3.00	12 ft
				19 km	223.50		12 m
31L	GS	IMOH	111.35 MHz	10 nm	300.84	3.00	12 ft
				19 km	313.66		12 m
31R	GS	IRTH	111.50 MHz	10 nm	300.87	3.00	12 ft
				19 km	313.69		12 m