LLBG

Tel Aviv Ben Gurion

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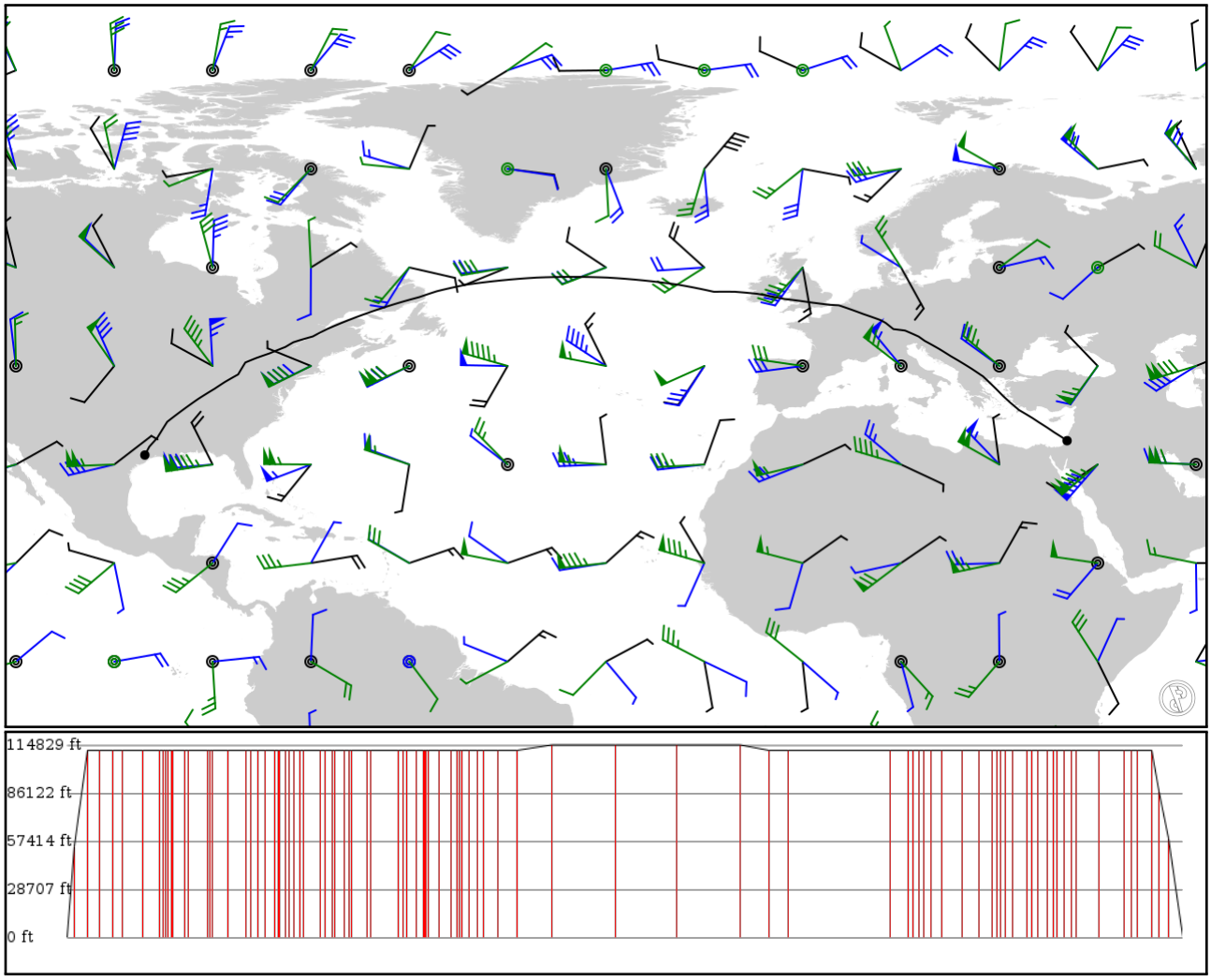
KIAH

Houston George Bush Int

2024/03/19 0103Z

LLBG SOLIN **UG18** ALKIS **UL609** MES **UG18** FSK **UL608** BOSNA **UB1** TELSI **UL608** KPT **UL607** TGO **UM150** KOK **UL607** KONAN **UL9** BASET **UL18** DIKAS **UL9** MALOT **E** +55.000_--30.000 **B** +54.000_--50.000 CARPE **5E16** REDBY **N206C** YRI **J560** YQB **J546** YMX **J588** YCF **J586** YXU **J545** DJB **J29** PXV **J131** LIT **J101** LFK KIAH

6196.33 nm / 11475.60 km



Notes

Using NAT tracks from 11/7/2016

Basic altitude profile:
- Ascent Rate: 1500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- Cruise Speed: 310kts
- Descent Rate: 1600ft/min
- Descent Speed: 240kts

Options:

- Use NATs: yes
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LLBG APT	–	32.01147 34.88506	0 ft 0 m	–	Tel Aviv Ben Gurion
SOLIN FIX	–	32.49451 34.17077	16,500 ft 5,029 m	46	–
LEDRA FIX	UG18 AWY-HI	33.20000 33.05000	34,000 ft 10,363 m	70	–
APLON FIX	UG18 AWY-HI	33.86667 32.06667	34,000 ft 10,363 m	63	–
MAROS FIX	UG18 AWY-HI	34.61667 30.88333	34,000 ft 10,363 m	74	–
ALKIS FIX	UG18 AWY-HI	35.20000 30.00000	34,000 ft 10,363 m	55	–
RDS VOR	UL609 AWY-HI	36.34111 28.08250	34,000 ft 10,363 m	115	RODOS VOR-DME
LARKI FIX	UL609 AWY-HI	37.39889 26.83833	34,000 ft 10,363 m	87	–
URNIL FIX	UL609 AWY-HI	37.68500 26.52861	34,000 ft 10,363 m	22	–
IKARO FIX	UL609 AWY-HI	37.86639 26.33111	34,000 ft 10,363 m	14	–
PIPEN FIX	UL609 AWY-HI	38.06139 26.11667	34,000 ft 10,363 m	15	–
MES VOR	UL609 AWY-HI	38.25167 25.90556	34,000 ft 10,363 m	15	MESTA VOR-DME
NEMIS FIX	UG18 AWY-HI	38.37306 25.78778	34,000 ft 10,363 m	9	–
LUPIS FIX	UG18 AWY-HI	39.21056 24.95889	34,000 ft 10,363 m	63	–
GIKAS FIX	UG18 AWY-HI	39.49972 24.66694	34,000 ft 10,363 m	22	–
DIKNI FIX	UG18 AWY-HI	40.89917 23.20639	34,000 ft 10,363 m	107	–
FSK VOR	UG18 AWY-HI	41.09972 22.99222	34,000 ft 10,363 m	15	FISKA VOR-DME
DISOR FIX	UL608 AWY-HI	41.24722 22.75833	34,000 ft 10,363 m	13	–
LONTA FIX	UL608 AWY-HI	42.15944 21.39722	34,000 ft 10,363 m	82	–
BEDAK FIX	UL608 AWY-HI	43.23972 19.63836	34,000 ft 10,363 m	101	–
PODOB FIX	UL608 AWY-HI	43.53167 19.14444	34,000 ft 10,363 m	27	–
KEB VOR	UL608 AWY-HI	43.93386 18.44983	34,000 ft 10,363 m	38	SARAJEVO VOR-DME
BOSNA FIX	UL608 AWY-HI	44.37056 17.75972	34,000 ft 10,363 m	39	–
KOMAR FIX	UB1 AWY-HI	44.95806 16.80417	34,000 ft 10,363 m	53	–
KUSIB FIX	UB1 AWY-HI	45.14806 16.47167	34,000 ft 10,363 m	18	–
SIRMA FIX	UB1 AWY-HI	45.24250 16.30611	34,000 ft 10,363 m	9	–
LUSIN	UB1	45.55278	34,000 ft	29	–

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
FIX	AWY-HI	15.75222	10,363 m		
GORPA	UB1	45.77308	34,000 ft	21	-
FIX	AWY-HI	15.35324	10,363 m		
DOL	UB1	46.08414	34,000 ft	30	DOLSKO VOR-DME
VOR	AWY-HI	14.77857	10,363 m		
TELSI	UB1	46.42768	34,000 ft	28	-
FIX	AWY-HI	14.29571	10,363 m		
VIW	UL608	46.69639	34,000 ft	22	VILLACH VOR-DME
VOR	AWY-HI	13.91464	10,363 m		
ERKIR	UL608	47.53778	34,000 ft	92	-
FIX	AWY-HI	12.00889	10,363 m		
KOGOL	UL608	47.62139	34,000 ft	26	-
FIX	AWY-HI	11.36806	10,363 m		
KPT	UL608	47.74583	34,000 ft	41	KEMPTEN VOR-DME
VOR	AWY-HI	10.34972	10,363 m		
AMEMI	UL607	47.89472	34,000 ft	11	-
FIX	AWY-HI	10.16722	10,363 m		
TGO	UL607	48.61841	34,000 ft	56	TANGO VORTAC
VOR	AWY-HI	9.25921	10,363 m		
LAMGO	UM150	48.88583	34,000 ft	24	-
FIX	AWY-HI	8.77917	10,363 m		
KRH	UM150	48.99294	34,000 ft	10	KARLSRUHE VOR-DME
VOR	AWY-HI	8.58424	10,363 m		
PITES	UM150	49.72861	34,000 ft	92	-
FIX	AWY-HI	6.51944	10,363 m		
DIK	UM150	49.86139	34,000 ft	17	DIEKIRCH NDB
NDB	AWY-HI	6.12972	10,363 m		
KOK	UM150	51.09472	34,000 ft	152	KOKSY VORTAC
VOR	AWY-HI	2.65167	10,363 m		
KONAN	UL607	51.13083	34,000 ft	24	-
FIX	AWY-HI	2.00000	10,363 m		
DVR	UL9	51.16250	34,000 ft	24	DOVER VOR-DME
VOR	AWY-HI	1.35917	10,363 m		
BIG	UL9	51.33087	34,000 ft	50	BIGGIN VOR-DME
VOR	AWY-HI	0.03481	10,363 m		
LINDY	UL9	51.47056	34,000 ft	41	-
FIX	AWY-HI	-1.04917	10,363 m		
NORRY	UL9	51.47972	34,000 ft	2	-
FIX	AWY-HI	-1.12333	10,363 m		
CPT	UL9	51.49167	34,000 ft	3	COMPTON VOR-DME
VOR	AWY-HI	-1.21972	10,363 m		
KENET	UL9	51.52056	34,000 ft	8	-
FIX	AWY-HI	-1.45500	10,363 m		
BASET	UL9	51.56389	34,000 ft	9	-
FIX	AWY-HI	-1.71000	10,363 m		
DIKAS	UL18	51.77694	34,000 ft	59	-
FIX	AWY-HI	-3.25917	10,363 m		
STU	UL9	51.99472	34,000 ft	67	STRUMBLE VOR-DME
VOR	AWY-HI	-5.04028	10,363 m		
SLANY	UL9	52.15861	34,000 ft	31	-
FIX	AWY-HI	-5.84222	10,363 m		
DIMUS	UL9	52.23972	34,000 ft	15	-
FIX	AWY-HI	-6.25139	10,363 m		
ROPED	UL9	52.30833	34,000 ft	13	-
FIX	AWY-HI	-6.60472	10,363 m		
ABAGU	UL9	52.50333	34,000 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-7.64667	10,363 m		
SHA	UL9	52.72101	34,000 ft	47	SHANNON VOR-DME
VOR	AWY-HI	-8.88521	10,363 m		
UNBEG	UL9	52.80500	34,000 ft	31	-
FIX	AWY-HI	-9.73000	10,363 m		
BURAK	UL9	53.00000	34,000 ft	83	-
FIX	AWY-HI	-12.00000	10,363 m		
MALOT	UL9	53.00000	34,000 ft	108	-
FIX	AWY-HI	-15.00000	10,363 m		
+54.000_--20.000	E	54.00000	35,000 ft	188	-
LATLON	NAT	-20.00000	10,668 m		
+55.000_--30.000	E	55.00000	35,000 ft	353	-
LATLON	NAT	-30.00000	10,668 m		
+55.000_--40.000	B	55.00000	35,000 ft	344	-
LATLON	NAT	-40.00000	10,668 m		
+54.000_--50.000	B	54.00000	35,000 ft	353	-
LATLON	NAT	-50.00000	10,668 m		
CARPE	-	53.08333	34,000 ft	155	-
FIX	-	-54.08333	10,363 m		
REDBY	5E16	52.24944	34,000 ft	104	-
FIX	AWY-HI	-56.60166	10,363 m		
YRI	N206C	47.75753	34,000 ft	568	RIVIERE DU LOUP VOR
VOR	AWY-HI	-69.58978	10,363 m		
YQB	J560	46.70532	34,000 ft	104	-
VOR	AWY-HI	-71.62656	10,363 m		
PESAC	J546	46.54889	34,000 ft	24	-
FIX	AWY-HI	-72.18694	10,363 m		
SOKYE	J546	46.35881	34,000 ft	29	-
FIX	AWY-HI	-72.85150	10,363 m		
UFX	J546	46.19225	34,000 ft	25	ST-FELIX-DE-VALOI NDB
NDB	AWY-HI	-73.41903	10,363 m		
YMX	J546	45.88833	34,000 ft	43	MIRABEL VOR-DME
VOR	AWY-HI	-74.37583	10,363 m		
ULAMO	J588	45.22917	34,000 ft	61	-
FIX	AWY-HI	-75.49306	10,363 m		
YCF	J588	44.33306	34,000 ft	108	CAMPBELLFORD VOR-DME
VOR	AWY-HI	-77.70283	10,363 m		
YYZ	J586	43.65822	34,000 ft	92	TORONTO VOR-DME
VOR	AWY-HI	-79.63153	10,363 m		
YXU	J586	43.03792	34,000 ft	76	LONDON VOR-DME
VOR	AWY-HI	-81.14850	10,363 m		
JLGON	J545	42.57951	34,000 ft	30	-
FIX	AWY-HI	-81.43107	10,363 m		
BROKK	J545	42.33139	34,000 ft	16	-
FIX	AWY-HI	-81.58194	10,363 m		
KEEHO	J545	41.91759	34,000 ft	27	-
FIX	AWY-HI	-81.83096	10,363 m		
DJB	J545	41.35806	34,000 ft	36	DRYER VOR-DME
VOR	AWY-HI	-82.16197	10,363 m		
PROTN	J29	40.54047	34,000 ft	81	-
FIX	AWY-HI	-83.60920	10,363 m		
ROD	J29	40.28781	34,000 ft	24	ROSEWOOD VORTAC
VOR	AWY-HI	-84.04308	10,363 m		
FYLLS	J29	39.90675	34,000 ft	35	-
FIX	AWY-HI	-84.63051	10,363 m		
BIGXX	J29	39.33096	34,000 ft	52	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-85.49744	10,363 m		
KURTZ	J29	38.97219	34,000 ft	35	-
FIX	AWY-HI	-86.09265	10,363 m		
JUDDI	J29	38.75936	34,000 ft	20	-
FIX	AWY-HI	-86.44017	10,363 m		
IMPEL	J29	38.35955	34,000 ft	38	-
FIX	AWY-HI	-87.08303	10,363 m		
PXV	J29	37.92832	34,000 ft	41	POCKET CITY VORTAC
DME	AWY-HI	-87.76238	10,363 m		
PENBE	J131	37.65431	34,000 ft	24	-
FIX	AWY-HI	-88.15873	10,363 m		
RUSLR	J131	36.26351	34,000 ft	125	-
FIX	AWY-HI	-90.09886	10,363 m		
LIT	J131	34.67767	34,000 ft	139	LITTLE ROCK VORTAC
DME	AWY-HI	-92.18053	10,363 m		
MATIE	J101	34.09499	34,000 ft	39	-
FIX	AWY-HI	-92.55065	10,363 m		
WOOTN	J101	33.51099	34,000 ft	39	-
FIX	AWY-HI	-92.91580	10,363 m		
EMG	J101	32.40041	34,000 ft	74	ELM GROVE VORTAC
DME	AWY-HI	-93.59515	10,363 m		
MOTLY	J101	31.84276	26,600 ft	42	-
FIX	AWY-HI	-94.10538	8,108 m		
LFK	J101	31.16244	18,000 ft	51	LUFKIN VORTAC
VOR	AWY-HI	-94.71683	5,486 m		
KIAH	-	29.98544	0 ft	77	Houston George Bush Int
APT	-	-95.34119	0 m		

LLBG

Region: ISRAEL
Timezone: ASIA/JERUSALEM
Runways: 3

Elevation: 134 ft / 41 m
Location: 32.009900 34.884000
Magnetic Var: 5.197 E

METAR

LLBG 190020Z 18012KT 9999 SCT020 13/11 Q1008 TEMPO 5000 TSRA FEW025CB BKN030

TAF

TAF LLBG 182319Z 1900/1924 18008KT 9999 SCT030 PROB40 TEMPO 1900/1907 26018G28KT 5000 TSRA SCT015 FEW020CB BKN025

Frequencies

REC - 132.50 MHz - ATIS
GND - 118.05 MHz - BEN GURION GROUND
TWR - 119.35 MHz - BEN GURION TOWER
TWR - 134.60 MHz - BEN GURION TOWER
DEP - 119.35 MHz - BEN GURION DEPARTURE
APP - 119.35 MHz - BEN GURION APPROACH
APP - 131.10 MHz - BEN GURION ARRIVAL

REC - 132.80 MHz - ATIS
GND - 129.20 MHz - BEN GURION GROUND
TWR - 132.10 MHz - BEN GURION TOWER
CLD - 118.30 MHz - CLEARANCE DELIVERY
DEP - 120.50 MHz - BEN GURION DEPARTURE
APP - 120.50 MHz - BEN GURION APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	197 ft 60 m	9,120 ft 2,780 m	28.62 23.42	ASPHALT	0 ft 0 m	810 ft 247 m
21	197 ft 60 m	9,120 ft 2,780 m	208.62 203.43	ASPHALT	0 ft 0 m	955 ft 291 m
08	148 ft 45 m	13,304 ft 4,055 m	79.76 74.56	ASPHALT	1,440 ft 439 m	971 ft 296 m
26	148 ft 45 m	13,304 ft 4,055 m	259.78 254.59	ASPHALT	2,051 ft 625 m	180 ft 55 m
12	148 ft 45 m	10,222 ft 3,116 m	121.50 116.30	ASPHALT	0 ft 0 m	968 ft 295 m
30	148 ft 45 m	10,222 ft 3,116 m	301.51 296.31	ASPHALT	266 ft 81 m	761 ft 232 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	BG	110.30 MHz	18 nm 33 km	- -	-	135 ft 135 m
08	LOC-ILS	BC	110.90 MHz	18 nm 33 km	79.77 74.57	-	134 ft 134 m
12	LOC-ILS	BG	110.30 MHz	18 nm 33 km	121.51 116.31	-	134 ft 134 m
21	LOC-ILS	BN	109.70 MHz	18 nm 33 km	208.62 203.42	-	134 ft 134 m
26	LOC-ILS	BA	108.70 MHz	18 nm 33 km	259.77 254.57	-	134 ft 134 m
30	LOC-ILS	BD	111.90 MHz	18 nm 33 km	301.51 296.31	-	134 ft 134 m
08	GS	BC	110.90 MHz	10 nm 19 km	79.77 74.57	3.00	134 ft 134 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	GS	BG	110.30 MHz	10 nm	121.51	3.00	134 ft
				19 km	116.31		134 m
21	GS	BN	109.70 MHz	10 nm	208.62	3.00	134 ft
				19 km	203.42		134 m
26	GS	BA	108.70 MHz	10 nm	259.77	3.00	134 ft
				19 km	254.57		134 m
30	GS	BD	111.90 MHz	10 nm	301.51	3.20	134 ft
				19 km	296.31		134 m

KIAH

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 5

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.746 E

METAR

KIAH 182353Z 03010KT 10SM SCT130 BKN170 BKN250 19/02 A3019 RMK AO2 SLP221 T01890017 10217 20183 51005

TAF

KIAH 182320Z 1900/2006 02010KT P6SM SCT040 BKN150 FM190100 02007KT P6SM BKN150 FM191600 09006KT P6SM SCT100

Frequencies

REC - 124.05 MHz - D-ATIS
CLD - 128.10 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - HOUSTON GROUND
TWR - 120.72 MHz - HOUSTON TOWER
TWR - 135.15 MHz - HOUSTON TOWER
APP - 120.05 MHz - HOUSTON APPROACH
DEP - 126.67 MHz - HOUSTON DEPARTURE
DEP - 133.60 MHz - HOUSTON DEPARTURE

REC - 122.95 MHz - UNICOM
GND - 119.95 MHz - HOUSTON GROUND
GND - 118.57 MHz - HOUSTON GROUND
TWR - 125.35 MHz - HOUSTON TOWER
TWR - 127.30 MHz - HOUSTON TOWER
APP - 124.35 MHz - HOUSTON APPROACH
DEP - 132.25 MHz - HOUSTON DEPARTURE
DEP - 127.12 MHz - HOUSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	151 ft 46 m	10,010 ft 3,051 m	152.07 150.33	CONCRETE	0 ft 0 m	407 ft 124 m
33L	151 ft 46 m	10,010 ft 3,051 m	332.08 330.33	CONCRETE	0 ft 0 m	407 ft 124 m
15L	151 ft 46 m	12,013 ft 3,662 m	152.08 150.33	CONCRETE	0 ft 0 m	413 ft 126 m
33R	151 ft 46 m	12,013 ft 3,662 m	332.09 330.34	CONCRETE	0 ft 0 m	413 ft 126 m
08L	151 ft 46 m	9,008 ft 2,746 m	89.94 88.20	CONCRETE	0 ft 0 m	387 ft 118 m
26R	151 ft 46 m	9,008 ft 2,746 m	269.96 268.21	CONCRETE	0 ft 0 m	387 ft 118 m
08R	151 ft 46 m	9,412 ft 2,869 m	89.96 88.21	CONCRETE	0 ft 0 m	384 ft 117 m
26L	151 ft 46 m	9,412 ft 2,869 m	269.97 268.22	CONCRETE	0 ft 0 m	384 ft 117 m
09	151 ft 46 m	10,009 ft 3,051 m	89.95 88.21	CONCRETE	0 ft 0 m	387 ft 118 m
27	151 ft 46 m	10,009 ft 3,051 m	269.97 268.22	CONCRETE	0 ft 0 m	387 ft 118 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IBZU	111.55 MHz	18 nm 33 km	- -	-	90 ft 90 m
08R	DME	IIAH	109.70 MHz	18 nm 33 km	- -	-	109 ft 109 m
09	DME	IUYO	110.90 MHz	18 nm 33 km	- -	-	100 ft 100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm	– –	–	109 ft 109 m
				33 km			
26R	DME	IOND	111.55 MHz	18 nm	– –	–	84 ft 84 m
				33 km			
27	DME	IGHI	110.90 MHz	18 nm	– –	–	100 ft 100 m
				33 km			
08L	LOC-ILS	IBZU	111.55 MHz	18 nm	89.95 88.20	–	98 ft 98 m
				33 km			
08R	LOC-ILS	IIAH	109.70 MHz	18 nm	89.96 88.21	–	98 ft 98 m
				33 km			
09	LOC-ILS	IUYO	110.90 MHz	18 nm	89.96 88.21	–	98 ft 98 m
				33 km			
15R	LOC-ILS	ILKM	111.15 MHz	18 nm	152.08 150.33	–	98 ft 98 m
				33 km			
26L	LOC-ILS	IJYV	109.70 MHz	18 nm	269.96 268.21	–	98 ft 98 m
				33 km			
26R	LOC-ILS	IOND	111.55 MHz	18 nm	269.95 268.20	–	98 ft 98 m
				33 km			
27	LOC-ILS	IGHI	110.90 MHz	18 nm	269.96 268.21	–	98 ft 98 m
				33 km			
33R	LOC-ILS	ICDG	111.90 MHz	18 nm	332.09 330.34	–	98 ft 98 m
				33 km			
08L	GS	IBZU	111.55 MHz	10 nm	89.95 88.20	3.00	98 ft 98 m
				19 km			
08R	GS	IIAH	109.70 MHz	10 nm	89.96 88.21	3.00	98 ft 98 m
				19 km			
09	GS	IUYO	110.90 MHz	10 nm	89.96 88.21	3.00	98 ft 98 m
				19 km			
15R	GS	ILKM	111.15 MHz	10 nm	152.08 150.33	3.00	98 ft 98 m
				19 km			
26L	GS	IJYV	109.70 MHz	10 nm	269.96 268.21	3.00	98 ft 98 m
				19 km			
26R	GS	IOND	111.55 MHz	10 nm	269.95 268.20	3.00	98 ft 98 m
				19 km			
27	GS	IGHI	110.90 MHz	10 nm	269.96 268.21	3.00	98 ft 98 m
				19 km			
33R	GS	ICDG	111.90 MHz	10 nm	332.09 330.34	3.00	98 ft 98 m
				19 km			