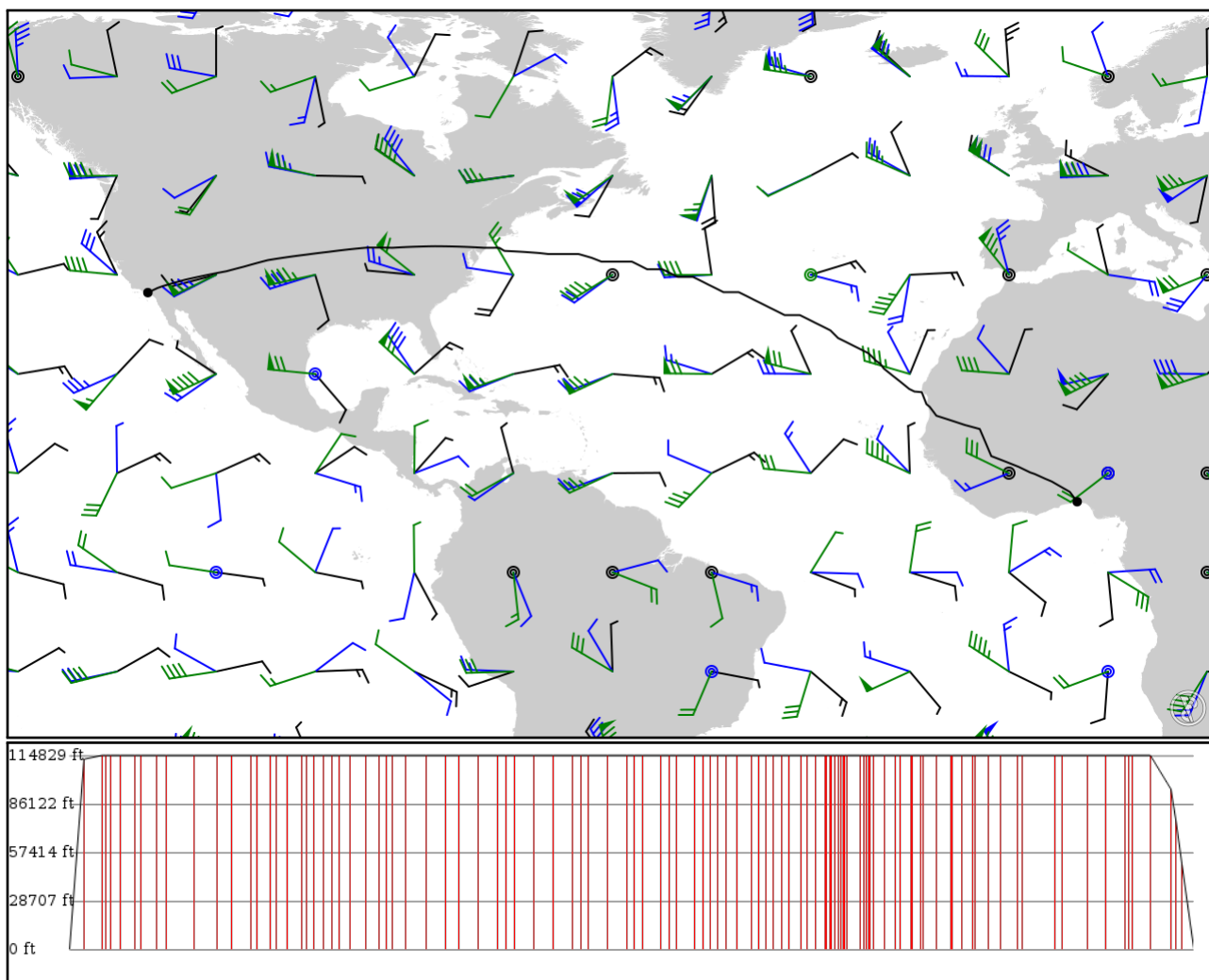


2024/05/20 1158Z

DNMM KELEX **UM566** TLE **UA601** NANGA **A601** BD **UA601** BKO **UG851** BIMAN **UG615** NALET SEPEL 1900N0-1600W
BOTLO **A600** PE 2100N0-1800W ETIBA ISOKA USOTI 2400N0-2200W NORED 2500N0-2300W 2600N0-2400W
2700N0-2600W 2800N0-2800W 2900N0-2900W 3000N0-3100W 3100N0-3300W 3100N0-3400W 3100N0-3500W
3200N0-3700W 3300N0-3900W 3400N0-4100W 3400N0-4200W 3400N0-4300W 3500N0-4500W 3600N0-4700W
3600N0-4800W 3600N0-4900W 3700N0-5100W 3700N0-5200W 3700N0-5300W 3800N0-5500W 3800N0-5600W
3800N0-5700W 3800N0-5800W 3800N0-5900W SOORY 3900N0-6200W 3900N0-6300W 3900N0-6400W 3900N0-6500W
3900N0-6600W SLATN **N7A** KENDA **N15B** LINND **L456** SCOR OWENZ PREPI **V312** CYN **J110** BEETS **Q480** VINSE **J110**
AIR **Q480** ZANDR **J110** VHP **J80** MCI **J24** SLN **J102** ALS **J110** RSK **J64** TBC **J128** PGS **J64** HEC **V442** APLES KLAX

6887.15 nm / 12755.00 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
DNMM	-	6.57738	0 ft	-	Murtala Muhammed Int'l
APT	-	3.32135	0 m		
KELEX	-	7.86318	34,300 ft	96	-
FIX	-	2.35713	10,455 m		
AMSIL	UM566	8.76803	35,000 ft	108	-
FIX	AWY-HI	0.78320	10,668 m		
ARISO	UM566	8.92444	35,000 ft	18	-
FIX	AWY-HI	0.51194	10,668 m		
LIPUS	UM566	9.22500	35,000 ft	35	-
FIX	AWY-HI	-0.01167	10,668 m		
TLE	UM566	9.57350	35,000 ft	53	TAMALE
VOR	AWY-HI	-0.84713	10,668 m		
BUGBU	UA601	10.20830	35,000 ft	91	-
FIX	AWY-HI	-2.25000	10,668 m		
NANGA	UA601	10.40830	35,000 ft	36	-
FIX	AWY-HI	-2.83333	10,668 m		
BD	A601	11.14500	35,000 ft	99	BOBO-DIOULASSO
VOR	AWY-LO	-4.35086	10,668 m		
EBSUD	UA601	11.50190	35,000 ft	57	-
FIX	AWY-HI	-5.24833	10,668 m		
BKO	UA601	12.54660	35,000 ft	169	BAMAKO
VOR	AWY-HI	-7.92969	10,668 m		
BIGET	UG851	14.69310	35,000 ft	139	-
FIX	AWY-HI	-8.83944	10,668 m		
BIMAN	UG851	16.09030	35,000 ft	90	-
FIX	AWY-HI	-9.44167	10,668 m		
KIFFA	UG615	16.62220	35,000 ft	117	-
FIX	AWY-HI	-11.40280	10,668 m		
NANUS	UG615	16.80500	35,000 ft	33	-
FIX	AWY-HI	-11.94780	10,668 m		
MONUK	UG615	17.26830	35,000 ft	85	-
FIX	AWY-HI	-13.35330	10,668 m		
NALET	UG615	17.44780	35,000 ft	33	-
FIX	AWY-HI	-13.90780	10,668 m		
SEPEL	-	17.83390	35,000 ft	73	-
FIX	-	-15.12170	10,668 m		
1900N0-1600W	-	19.00000	35,000 ft	86	-
LATLON	-	-16.00000	10,668 m		
BOTLO	-	19.34970	35,000 ft	32	-
FIX	-	-16.42780	10,668 m		
ERENA	A600	19.97220	35,000 ft	39	-
FIX	AWY-LO	-16.66780	10,668 m		
PE	A600	20.91440	35,000 ft	60	NOUADHIBOU
VOR	AWY-LO	-17.03500	10,668 m		
2100N0-1800W	-	21.00000	35,000 ft	54	-
LATLON	-	-18.00000	10,668 m		
ETIBA	-	21.33830	35,000 ft	43	-
FIX	-	-18.67880	10,668 m		
ISOKA	-	22.08140	35,000 ft	67	-
FIX	-	-19.59000	10,668 m		
USOTI	-	23.06680	35,000 ft	90	-
FIX	-	-20.83640	10,668 m		
2400N0-2200W	-	24.00000	35,000 ft	85	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-22.00000	10,668 m		
NORED	-	24.63840	35,000 ft	46	-
FIX	-	-22.48000	10,668 m		
2500N0-2300W	-	25.00000	35,000 ft	35	-
LATLON	-	-23.00000	10,668 m		
2600N0-2400W	-	26.00000	35,000 ft	80	-
LATLON	-	-24.00000	10,668 m		
2700N0-2600W	-	27.00000	35,000 ft	123	-
LATLON	-	-26.00000	10,668 m		
2800N0-2800W	-	28.00000	35,000 ft	122	-
LATLON	-	-28.00000	10,668 m		
2900N0-2900W	-	29.00000	35,000 ft	79	-
LATLON	-	-29.00000	10,668 m		
3000N0-3100W	-	30.00000	35,000 ft	120	-
LATLON	-	-31.00000	10,668 m		
3100N0-3300W	-	31.00000	35,000 ft	119	-
LATLON	-	-33.00000	10,668 m		
3100N0-3400W	-	31.00000	35,000 ft	51	-
LATLON	-	-34.00000	10,668 m		
3100N0-3500W	-	31.00000	35,000 ft	51	-
LATLON	-	-35.00000	10,668 m		
3200N0-3700W	-	32.00000	35,000 ft	118	-
LATLON	-	-37.00000	10,668 m		
3300N0-3900W	-	33.00000	35,000 ft	117	-
LATLON	-	-39.00000	10,668 m		
3400N0-4100W	-	34.00000	35,000 ft	116	-
LATLON	-	-41.00000	10,668 m		
3400N0-4200W	-	34.00000	35,000 ft	49	-
LATLON	-	-42.00000	10,668 m		
3400N0-4300W	-	34.00000	35,000 ft	49	-
LATLON	-	-43.00000	10,668 m		
3500N0-4500W	-	35.00000	35,000 ft	115	-
LATLON	-	-45.00000	10,668 m		
3600N0-4700W	-	36.00000	35,000 ft	114	-
LATLON	-	-47.00000	10,668 m		
3600N0-4800W	-	36.00000	35,000 ft	48	-
LATLON	-	-48.00000	10,668 m		
3600N0-4900W	-	36.00000	35,000 ft	48	-
LATLON	-	-49.00000	10,668 m		
3700N0-5100W	-	37.00000	35,000 ft	113	-
LATLON	-	-51.00000	10,668 m		
3700N0-5200W	-	37.00000	35,000 ft	47	-
LATLON	-	-52.00000	10,668 m		
3700N0-5300W	-	37.00000	35,000 ft	47	-
LATLON	-	-53.00000	10,668 m		
3800N0-5500W	-	38.00000	35,000 ft	112	-
LATLON	-	-55.00000	10,668 m		
3800N0-5600W	-	38.00000	35,000 ft	47	-
LATLON	-	-56.00000	10,668 m		
3800N0-5700W	-	38.00000	35,000 ft	47	-
LATLON	-	-57.00000	10,668 m		
3800N0-5800W	-	38.00000	35,000 ft	47	-
LATLON	-	-58.00000	10,668 m		
3800N0-5900W	-	38.00000	35,000 ft	47	-
LATLON	-	-59.00000	10,668 m		
SOORY	-	38.50000	35,000 ft	66	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-60.26760	10,668 m		
3900N0-6200W	-	39.00000	35,000 ft	86	-
LATLON	-	-62.00000	10,668 m		
3900N0-6300W	-	39.00000	35,000 ft	46	-
LATLON	-	-63.00000	10,668 m		
3900N0-6400W	-	39.00000	35,000 ft	46	-
LATLON	-	-64.00000	10,668 m		
3900N0-6500W	-	39.00000	35,000 ft	46	-
LATLON	-	-65.00000	10,668 m		
3900N0-6600W	-	39.00000	35,000 ft	46	-
LATLON	-	-66.00000	10,668 m		
SLATN	-	39.11670	35,000 ft	47	-
FIX	-	-67.00000	10,668 m		
PENYT	N7A	39.23110	35,000 ft	70	-
FIX	AWY-HI	-68.49940	10,668 m		
LARGE	N7A	39.28530	35,000 ft	37	-
FIX	AWY-HI	-69.30120	10,668 m		
KENDA	N7A	39.35300	35,000 ft	55	-
FIX	AWY-HI	-70.49950	10,668 m		
LINND	N15B	39.40980	35,000 ft	56	-
FIX	AWY-HI	-71.71050	10,668 m		
NAROW	L456	39.49330	35,000 ft	8	-
FIX	AWY-HI	-71.84690	10,668 m		
FLUTE	L456	39.70020	35,000 ft	20	-
FIX	AWY-HI	-72.18770	10,668 m		
SCORR	L456	39.79970	35,000 ft	9	-
FIX	AWY-HI	-72.35280	10,668 m		
OWENZ	-	39.82340	35,000 ft	22	-
FIX	-	-72.83050	10,668 m		
PREPI	-	39.81140	35,000 ft	19	-
FIX	-	-73.26130	10,668 m		
DRIFT	V312	39.81490	35,000 ft	19	-
FIX	AWY-LO	-73.68040	10,668 m		
WINKK	V312	39.81660	35,000 ft	15	-
FIX	AWY-LO	-74.01290	10,668 m		
FALON	V312	39.81690	35,000 ft	4	-
FIX	AWY-LO	-74.11050	10,668 m		
JIMEE	V312	39.81700	35,000 ft	1	-
FIX	AWY-LO	-74.15380	10,668 m		
CYN	V312	39.81730	35,000 ft	12	COYLE
VOR	AWY-LO	-74.43160	10,668 m		
PENSY	J110	39.90720	35,000 ft	80	-
FIX	AWY-HI	-76.18250	10,668 m		
FLIRT	J110	39.92880	35,000 ft	24	-
FIX	AWY-HI	-76.70430	10,668 m		
KIPPI	J110	39.94390	35,000 ft	18	-
FIX	AWY-HI	-77.10470	10,668 m		
LARRI	J110	39.95060	35,000 ft	8	-
FIX	AWY-HI	-77.29840	10,668 m		
BEETS	J110	39.95570	35,000 ft	6	-
FIX	AWY-HI	-77.44990	10,668 m		
VINSE	Q480	39.97120	35,000 ft	23	-
FIX	AWY-HI	-77.95590	10,668 m		
LEJOY	J110	40.00340	35,000 ft	67	-
FIX	AWY-HI	-79.41490	10,668 m		
AIR	J110	40.01700	35,000 ft	64	BELLAIRE

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-80.81720	10,668 m		
ZANDR	Q480	40.00520	35,000 ft	32	-
FIX	AWY-HI	-81.53290	10,668 m		
BOWRR	J110	39.96610	35,000 ft	69	-
FIX	AWY-HI	-83.03240	10,668 m		
EMPTY	J110	39.96330	35,000 ft	7	-
FIX	AWY-HI	-83.18690	10,668 m		
CREEP	J110	39.92090	35,000 ft	51	-
FIX	AWY-HI	-84.30870	10,668 m		
FYLLS	J110	39.90680	35,000 ft	14	-
FIX	AWY-HI	-84.63050	10,668 m		
VHP	J110	39.81470	35,000 ft	80	BRICKYARD
VOR	AWY-HI	-86.36750	10,668 m		
JAAVE	J80	39.84050	35,000 ft	87	-
FIX	AWY-HI	-88.25470	10,668 m		
GORDO	J80	39.84180	35,000 ft	11	-
FIX	AWY-HI	-88.51200	10,668 m		
SPI	J80	39.83970	35,000 ft	53	SPINNER (SPRINGFIELD)
VOR	AWY-HI	-89.67770	10,668 m		
BAYLI	J80	39.70900	35,000 ft	65	-
FIX	AWY-HI	-91.07960	10,668 m		
TWAIN	J80	39.67240	35,000 ft	16	-
FIX	AWY-HI	-91.44310	10,668 m		
SAAGS	J80	39.46780	35,000 ft	86	-
FIX	AWY-HI	-93.28640	10,668 m		
MCI	J80	39.28530	35,000 ft	68	KANSAS CITY
VOR	AWY-HI	-94.73710	10,668 m		
JUDGE	J24	39.01980	35,000 ft	102	-
FIX	AWY-HI	-96.91880	10,668 m		
SLN	J24	38.92510	35,000 ft	33	SALINA
VOR	AWY-HI	-97.62130	10,668 m		
RYLIE	J102	38.33730	35,000 ft	200	-
FIX	AWY-HI	-101.82700	10,668 m		
LAA	J102	38.19710	35,000 ft	41	LAMAR
VOR	AWY-HI	-102.68800	10,668 m		
ALS	J102	37.34920	35,000 ft	156	ALAMOSA
VOR	AWY-HI	-105.81600	10,668 m		
RSK	J110	36.74840	35,000 ft	115	RATTLESNAKE (FARMINGTON)
VOR	AWY-HI	-108.09900	10,668 m		
COCAN	J64	36.31250	35,000 ft	111	-
FIX	AWY-HI	-110.35200	10,668 m		
RHYSS	J64	36.20530	35,000 ft	25	-
FIX	AWY-HI	-110.87100	10,668 m		
TBC	J64	36.12130	35,000 ft	19	TUBA CITY
VOR	AWY-HI	-111.27000	10,668 m		
PGS	J128	35.62470	35,000 ft	114	PEACH SPRINGS
VOR	AWY-HI	-113.54400	10,668 m		
GLACO	J64	34.94450	28,900 ft	125	-
FIX	AWY-HI	-115.96800	8,809 m		
HEC	J64	34.79700	23,400 ft	25	HECTOR
VOR	AWY-HI	-116.46300	7,132 m		
APLES	V442	34.54850	15,500 ft	37	-
FIX	AWY-LO	-117.14900	4,724 m		
KLAX	-	33.94310	0 ft	72	Los Angeles Intl
APT	-	-118.40900	0 m		

DNMM

Region: NIGERIA
Timezone: AFRICA/LAGOS
Runways: 2

Elevation: 133 ft / 41 m
Location: 6.577380 3.321350
Magnetic Var: 1.560 W

METAR

DNMM 201100Z 17008KT 9999 BKN015 34/27 Q1012 TEMPO BKN015 FEW020CB

TAF

TAF DNMM 200500Z 2006/2112 VRB02KT 9999 SCT011 BECMG 2008/2010 BKN013 TEMPO 2011/2016 BKN013 FEW020CB BECMG 2016/

Frequencies

GND - 121.90 MHz -
REC - 123.80 MHz - ATIS

TWR - 118.10 MHz -
APP - 124.30 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	197 ft	12,807 ft	180.00	ASPHALT	0 ft	384 ft
	60 m	3,904 m	181.56		0 m	117 m
36L	197 ft	12,807 ft	0.00	ASPHALT	0 ft	387 ft
	60 m	3,904 m	1.56		0 m	118 m
18L	148 ft	9,014 ft	180.00	ASPHALT	0 ft	171 ft
	45 m	2,748 m	181.56		0 m	52 m
36R	148 ft	9,014 ft	0.00	ASPHALT	0 ft	187 ft
	45 m	2,748 m	1.56		0 m	57 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	ILA	108.10 MHz	18 nm	-	-	135 ft
				33 km	-		135 m
18R	DME	ILB	109.30 MHz	18 nm	-	-	135 ft
				33 km	-		135 m
18L	LOC-ILS	ILA	110.30 MHz	18 nm	180.00	-	133 ft
				33 km	181.56		133 m
18R	LOC-ILS	ILB	108.10 MHz	18 nm	180.00	-	133 ft
				33 km	181.56		133 m
18L	GS	ILA	110.30 MHz	10 nm	180.00	3.00	133 ft
				19 km	181.56		133 m
18R	GS	ILB	108.10 MHz	10 nm	180.00	3.00	133 ft
				19 km	181.56		133 m

KLAX

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

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.439 E

METAR

KLAX 201053Z 00000KT 10SM FEW010 OVC016 14/11 A2996 RMK A02 SLP146 T01390106 \$

TAF

KLAX 200845Z 2009/2112 28008KT P6SM SCT008 BKN015 FM201200 15006KT 6SM -DZ BR BKN015 OVC025 FM201700 23006KT P6SM

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	71.52		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.54		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	251.54		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.51		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.53		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	251.53		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