

# KBOS

Boston Logan Intl

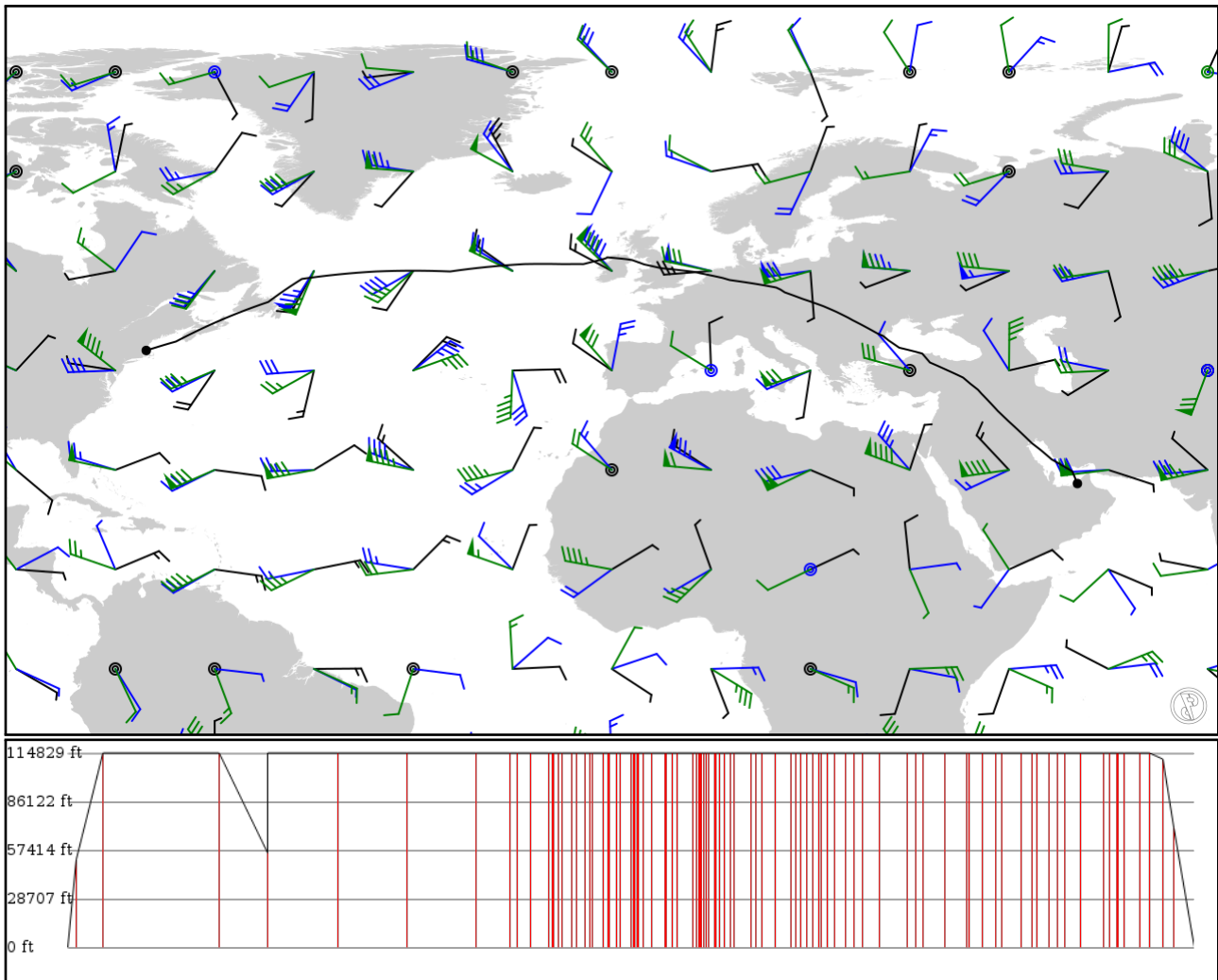
# OMAA

ABU DHABI INTL

2024/05/13 1144Z

KBOS CANAL **J575** TUSKY **N124B** YQX **5E52** 5250N +52.000\_--50.000 Y +53.000\_--30.000 T BEXET BABAN  
**UN545** MOLAK BEL96 BEL90 **UN551** BESOP **UP6** REMSI **UL603** MAMUL **UL26** OTBED **UY70** SPY **UL602** RKN **UB5** RELBI  
**UL602** HMM **UL620** ROMIS **UL601** NIDOK **UL620** CND **UT997** REVDA **UL621** UDROS **UL852** INB **UM854** ERGUN **UP975**  
SIDAD **R784** IMDAT **B416** ORSAR OMAA

5909.18 nm / 10943.80 km



## Notes

Using NAT tracks from 5/10/2015

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
KBOS APT	-	42.36306 -71.00696	0 ft 0 m	-	Boston Logan Intl
CANAL FIX	-	42.66903 -70.02271	15,800 ft 4,816 m	47	-
TUSKY FIX	J575 AWY-HI	43.56500 -67.00000	35,000 ft 10,668 m	143	-
YQX VOR	N124B AWY-HI	48.89958 -54.53500	35,000 ft 10,668 m	607	GANDER VOR-DME
5250N FIX	5E52 AWY-LO	52.00000 -50.00000	17,000 ft 5,182 m	254	-
+52.000_--50.000 LATLON	-	52.00000 -50.00000	35,000 ft 10,668 m	0	-
+53.000_--40.000 LATLON	Y NAT	53.00000 -40.00000	35,000 ft 10,668 m	370	-
+53.000_--30.000 LATLON	Y NAT	53.00000 -30.00000	35,000 ft 10,668 m	361	-
+54.000_--20.000 LATLON	T NAT	54.00000 -20.00000	35,000 ft 10,668 m	361	-
DOGAL FIX	T NAT	54.00000 -15.00000	35,000 ft 10,668 m	176	-
BEXET FIX	T NAT	54.00000 -14.00000	35,000 ft 10,668 m	35	-
BABAN FIX	-	54.00000 -12.00000	35,000 ft 10,668 m	70	-
MOLAK FIX	UN545 AWY-HI	54.61361 -9.50639	35,000 ft 10,668 m	94	-
BEL96 FIX	-	54.78944 -8.95000	35,000 ft 10,668 m	22	-
BEL90 FIX	-	54.90556 -8.80250	35,000 ft 10,668 m	8	-
TADEX FIX	UN551 AWY-HI	54.85667 -8.23361	35,000 ft 10,668 m	19	-
BEL50 FIX	UN551 AWY-HI	54.80306 -7.64889	35,000 ft 10,668 m	20	-
BEL VOR	UN551 AWY-HI	54.66111 -6.23000	35,000 ft 10,668 m	49	BELFAST VOR-DME
BESOP FIX	UN551 AWY-HI	54.54667 -5.44611	35,000 ft 10,668 m	28	-
MASOP FIX	UP6 AWY-HI	54.15583 -4.35417	35,000 ft 10,668 m	44	-
REMSI FIX	UP6 AWY-HI	53.96028 -3.82556	35,000 ft 10,668 m	22	-
BELOX FIX	UL603 AWY-HI	53.88778 -3.48972	35,000 ft 10,668 m	12	-
DESIG FIX	UL603 AWY-HI	53.52722 -1.89278	35,000 ft 10,668 m	60	-
MAMUL FIX	UL603 AWY-HI	53.41806 -1.28000	35,000 ft 10,668 m	22	-
ARTIX FIX	UL26 AWY-HI	53.39500 -1.01917	35,000 ft 10,668 m	9	-
OTBED FIX	UL26 AWY-HI	53.28806 0.03194	35,000 ft 10,668 m	38	-
SUPEL	UY70	53.22778	35,000 ft	20	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.59111	10,668 m		
BODSO	UY70	53.05222	35,000 ft	55	-
FIX	AWY-HI	2.09472	10,668 m		
SONOL	UY70	53.00139	35,000 ft	14	-
FIX	AWY-HI	2.50000	10,668 m		
BEKMO	UY70	52.98611	35,000 ft	4	-
FIX	AWY-HI	2.61944	10,668 m		
KUBAX	UY70	52.94278	35,000 ft	12	-
FIX	AWY-HI	2.95361	10,668 m		
RAVLO	UY70	52.91690	35,000 ft	7	-
FIX	AWY-HI	3.14820	10,668 m		
MONIL	UY70	52.76076	35,000 ft	23	-
FIX	AWY-HI	3.74664	10,668 m		
SPY	UY70	52.54028	35,000 ft	42	SPIJKERBOOR VOR-DME
VOR	AWY-HI	4.85378	10,668 m		
RKN	UL602	52.13320	35,000 ft	74	REKKEN VOR-DME
VOR	AWY-HI	6.76388	10,668 m		
RELBI	UB5	52.11833	35,000 ft	2	-
FIX	AWY-HI	6.81361	10,668 m		
HMM	UL602	51.85687	35,000 ft	36	HAMM VOR-DME
VOR	AWY-HI	7.70829	10,668 m		
EXOBA	UL620	51.76722	35,000 ft	23	-
FIX	AWY-HI	8.32694	10,668 m		
NOMKA	UL620	51.44778	35,000 ft	83	-
FIX	AWY-HI	10.50194	10,668 m		
BIRKA	UL620	51.37944	35,000 ft	16	-
FIX	AWY-HI	10.93167	10,668 m		
OBADI	UL620	51.32389	35,000 ft	13	-
FIX	AWY-HI	11.27222	10,668 m		
SONDU	UL620	51.29278	35,000 ft	7	-
FIX	AWY-HI	11.46139	10,668 m		
SOPLA	UL620	51.27722	35,000 ft	3	-
FIX	AWY-HI	11.55306	10,668 m		
NOTGO	UL620	51.21056	35,000 ft	15	-
FIX	AWY-HI	11.94667	10,668 m		
SULED	UL620	51.16194	35,000 ft	11	-
FIX	AWY-HI	12.23000	10,668 m		
TALEG	UL620	51.09267	35,000 ft	15	-
FIX	AWY-HI	12.61967	10,668 m		
EKPEK	UL620	50.96444	35,000 ft	27	-
FIX	AWY-HI	13.32139	10,668 m		
BESIP	UL620	50.93528	35,000 ft	6	-
FIX	AWY-HI	13.48528	10,668 m		
OMELO	UL620	50.83778	35,000 ft	20	-
FIX	AWY-HI	14.00083	10,668 m		
KOMUR	UL620	50.56235	35,000 ft	27	-
FIX	AWY-HI	14.58164	10,668 m		
KOPIT	UL620	50.18821	35,000 ft	31	-
FIX	AWY-HI	15.15795	10,668 m		
PEMUR	UL620	50.05467	35,000 ft	16	-
FIX	AWY-HI	15.53824	10,668 m		
HLV	UL620	49.32285	35,000 ft	88	HOLESOV NDB
NDB	AWY-HI	17.52840	10,668 m		
ROMIS	UL620	49.12711	35,000 ft	25	-
FIX	AWY-HI	18.11095	10,668 m		
NIDOK	UL601	48.88583	35,000 ft	31	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	18.81194	10,668 m		
PITOK	UL620	48.32396	35,000 ft	70	-
FIX	AWY-HI	20.37084	10,668 m		
BADOR	UL620	47.57354	35,000 ft	83	-
FIX	AWY-HI	22.10792	10,668 m		
RILAS	UL620	47.32896	35,000 ft	25	-
FIX	AWY-HI	22.61037	10,668 m		
OBORU	UL620	47.06425	35,000 ft	26	-
FIX	AWY-HI	23.14402	10,668 m		
REBLA	UL620	46.76013	35,000 ft	30	-
FIX	AWY-HI	23.74464	10,668 m		
TGM	UL620	46.44691	35,000 ft	29	TARGU MURES NDB
NDB	AWY-HI	24.30658	10,668 m		
ABOKA	UL620	46.10941	35,000 ft	34	-
FIX	AWY-HI	24.96865	10,668 m		
BAKOV	UL620	45.97852	35,000 ft	13	-
FIX	AWY-HI	25.22125	10,668 m		
ERGAT	UL620	45.65260	35,000 ft	32	-
FIX	AWY-HI	25.84056	10,668 m		
LAPKA	UL620	45.29264	35,000 ft	35	-
FIX	AWY-HI	26.50907	10,668 m		
RIVOS	UL620	44.65570	35,000 ft	61	-
FIX	AWY-HI	27.65471	10,668 m		
CND	UL620	44.29446	35,000 ft	41	CONSTANTA VOR-DME
VOR	AWY-HI	28.47952	10,668 m		
REVDA	UT997	43.73333	35,000 ft	44	-
FIX	AWY-HI	29.14333	10,668 m		
UDROS	UL621	42.73889	35,000 ft	87	-
FIX	AWY-HI	30.59611	10,668 m		
INB	UL852	41.95139	35,000 ft	145	INEBOLU VOR-DME
VOR	AWY-HI	33.70611	10,668 m		
NENDO	UM854	41.32528	35,000 ft	44	-
FIX	AWY-HI	34.24611	10,668 m		
ERGUN	UM854	40.74639	35,000 ft	41	-
FIX	AWY-HI	34.73889	10,668 m		
SIV	UP975	39.78944	35,000 ft	114	SIVAS NDB
NDB	AWY-HI	36.89333	10,668 m		
ARPUT	UP975	38.84556	35,000 ft	110	-
FIX	AWY-HI	38.94056	10,668 m		
EZS	UP975	38.70694	35,000 ft	15	ELAZIG VOR-DME
VOR	AWY-HI	39.22444	10,668 m		
DYB	UP975	37.87083	35,000 ft	68	DIYARBAKIR NDB
NDB	AWY-HI	40.20861	10,668 m		
LESRI	UP975	37.07222	35,000 ft	68	-
FIX	AWY-HI	41.23028	10,668 m		
KANOK	UP975	36.56515	35,000 ft	37	-
FIX	AWY-HI	41.68316	10,668 m		
GETID	UP975	35.26406	35,000 ft	99	-
FIX	AWY-HI	42.93303	10,668 m		
LOPAS	UP975	34.50096	35,000 ft	57	-
FIX	AWY-HI	43.64288	10,668 m		
SOGUM	UP975	34.20333	35,000 ft	22	-
FIX	AWY-HI	43.91500	10,668 m		
ETBOM	UP975	33.36048	35,000 ft	67	-
FIX	AWY-HI	44.79793	10,668 m		
NOLDO	UP975	32.82567	35,000 ft	42	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	45.35817	10,668 m		
DENKI	UP975	32.37457	35,000 ft	36	-
FIX	AWY-HI	45.85599	10,668 m		
ILMAP	UP975	31.35917	35,000 ft	82	-
FIX	AWY-HI	46.95056	10,668 m		
SIDAD	UP975	29.87528	35,000 ft	119	-
FIX	AWY-HI	48.49556	10,668 m		
DESLU	R784	29.46667	35,000 ft	37	-
FIX	AWY-HI	49.03056	10,668 m		
NANPI	R784	29.08250	35,000 ft	34	-
FIX	AWY-HI	49.53250	10,668 m		
OBMOR	R784	28.97056	35,000 ft	9	-
FIX	AWY-HI	49.67000	10,668 m		
ALNIN	R784	28.67861	35,000 ft	25	-
FIX	AWY-HI	50.02722	10,668 m		
IMDAT	R784	27.68333	35,000 ft	85	-
FIX	AWY-HI	51.18333	10,668 m		
DURSI	B416	27.20528	35,000 ft	53	-
FIX	AWY-HI	52.02889	10,668 m		
EGMID	B416	26.60417	33,900 ft	66	-
FIX	AWY-HI	53.06694	10,333 m		
ORSAR	B416	26.07500	21,600 ft	57	-
FIX	AWY-HI	53.95833	6,584 m		
OMAA	-	24.43305	0 ft	105	ABU DHABI INTL
APT	-	54.65118	0 m		

## KBOS

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 6

Elevation: 19 ft / 6 m  
Location: 42.363000 -71.006800  
Magnetic Var: 14.286 W

## METAR

KBOS 131054Z 30006KT 10SM FEW040 FEW110 FEW250 12/07 A3002 RMK A02 SLP164 T01220072

## TAF

TAF AMD KBOS 130901Z 1309/1412 24005KT P6SM SCT100 FM131200 28006KT P6SM SCT250 FM131500 12010KT P6SM SCT250 FM131800 12010KT P6SM SCT250

## Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.65 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BOSTON GROUND
GND - 121.90 MHz - BOSTON GROUND	TWR - 128.80 MHz - BOSTON TOWER
TWR - 124.72 MHz - BOSTON TOWER	TWR - 132.22 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH	APP - 120.60 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH	DEP - 133.00 MHz - BOSTON DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.56		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.95		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.80		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.82		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.05		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.06		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.60		0 m	18 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.97	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.57	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.97	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.81	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.57	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.97	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.57	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.97	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.81	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.57	3.00	20 ft 20 m



## OMAA

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

Elevation: 83 ft / 25 m  
Location: 24.443400 54.652700  
Magnetic Var: 2.281 E

## METAR

OMAA 131100Z 17008KT 130V200 CAVOK 41/07 Q1004 NOSIG

## TAF

TAF OMAA 130500Z 1306/1412 16014KT 8000 NSC BECMG 1313/1315 35012KT BECMG 1317/1319 10005KT BECMG 1402/1404 17015

## Frequencies

APP - 124.40 MHz -	APP - 124.62 MHz -
ABU DHABI RADAR CENTRAL PRIMARY	ABU DHABI RADAR CENTRAL SECONDARY
APP - 128.10 MHz - ABU DHABI RADAR WEST PRIMARY	APP - 124.65 MHz - ABU DHABI RADAR WEST SECONDARY
APP - 135.15 MHz - ABU DHABI RADAR NORTH PRIMARY	APP - 135.35 MHz -
APP - 118.42 MHz -	ABU DHABI RADAR NORTH SECONDARY
ABU DHABI DIRECTOR NORTH PRIMARY	APP - 121.15 MHz -
APP - 118.00 MHz -	ABU DHABI DIRECTOR NORTH SECONDARY
ABU DHABI DIRECTOR SOUTH PRIMARY	APP - 121.15 MHz -
APP - 133.55 MHz - ABU DHABI RADAR EAST PRIMARY	ABU DHABI DIRECTOR SOUTH SECONDARY
APP - 135.35 MHz - ABU DHABI RADAR EAST SECONDARY	APP - 132.67 MHz - ABU DHABI RADAR EAST PRIMARY
REC - 124.62 MHz -	REC - 127.50 MHz - ABU DHABI INFORMATION PRIMARY
ABU DHABI INFORMATION SECONDARY	TWR - 119.20 MHz - ABU DHABI TOWER SOUTH PRIMARY
TWR - 120.42 MHz -	TWR - 118.67 MHz - ABU DHABI TOWER NORTH PRIMARY
ABU DHABI TOWER SOUTH SECONDARY	GND - 121.95 MHz - ABU DHABI GROUND NORTH
GND - 123.97 MHz - ABU DHABI GROUND SOUTH	CLD - 125.10 MHz - ABU DHABI DELIVERY
GND - 119.42 MHz - ABU DHABI GROUND SECONDARY	REC - 119.67 MHz - ABU DHABI ATIS (DEP)
REC - 119.97 MHz - ABU DHABI ATIS (ARR)	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	197 ft	13,478 ft	127.99	ASPHALT	0 ft	394 ft
	60 m	4,108 m	125.71		0 m	120 m
31L	197 ft	13,478 ft	308.01	ASPHALT	0 ft	397 ft
	60 m	4,108 m	305.73		0 m	121 m
13L	197 ft	13,460 ft	127.99	ASPHALT	0 ft	397 ft
	60 m	4,103 m	125.71		0 m	121 m
31R	197 ft	13,460 ft	308.01	ASPHALT	0 ft	387 ft
	60 m	4,103 m	305.73		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31R	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m
13R	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31L	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	LOC-ILS	IAS	110.30 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
13R	LOC-ILS	IAE	109.15 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
31L	LOC-ILS	IAW	109.30 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
31R	LOC-ILS	IAN	108.75 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
13L	GS	IAS	110.30 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
13R	GS	IAE	109.15 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
31L	GS	IAW	109.30 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 m
31R	GS	IAN	108.75 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 m