

# EGLL

London Heathrow

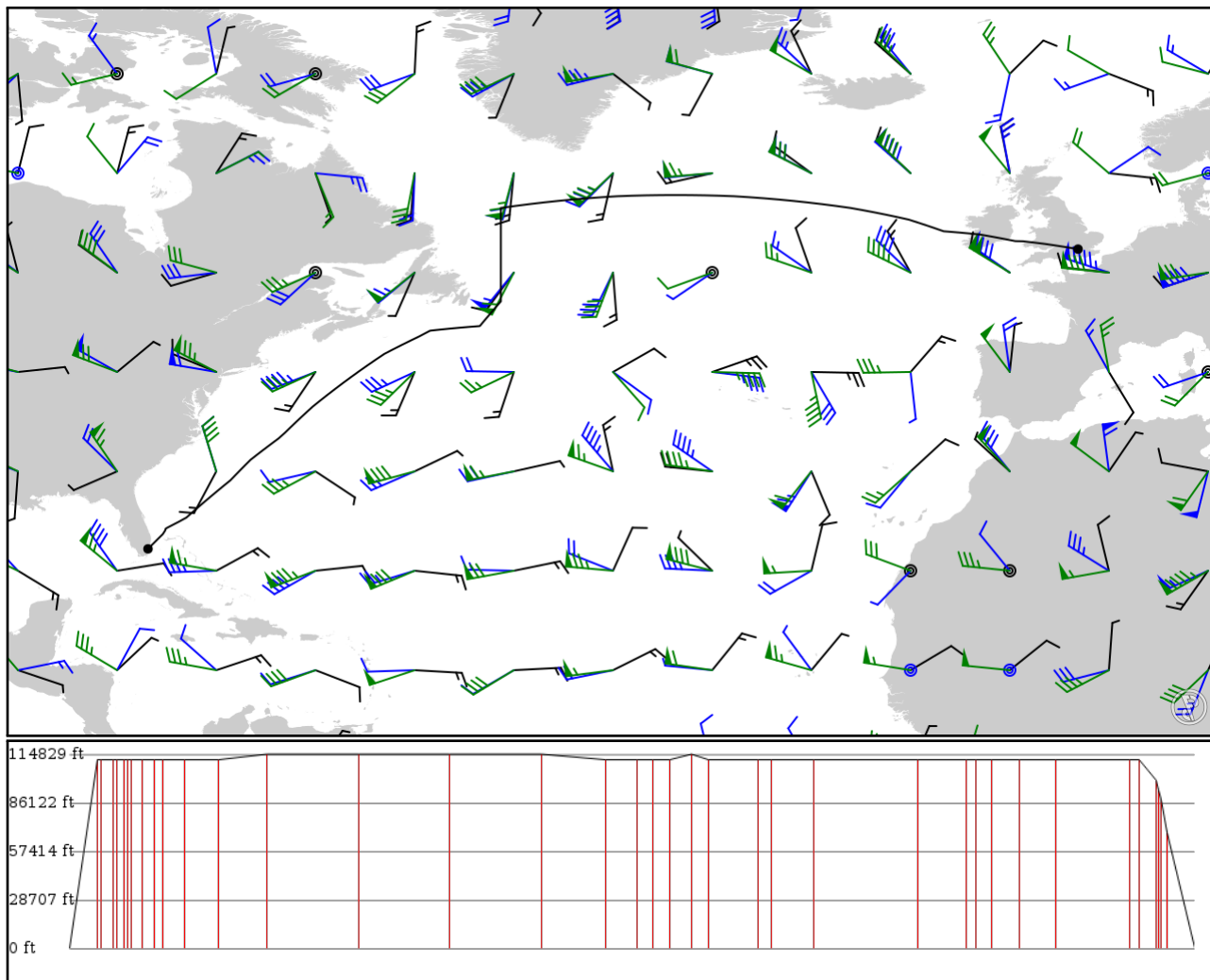
# KMIA

Miami Intl

2024/05/07 0959Z

EGLL TOPRO UN14 PEMOB UN24 SLANY UL9 BURAK UM140 DOGAL G +55.000\_--50.000 +51.000\_--50.000  
+49.000\_--50.000 4800N05000W 4700N05000W A URTAK RAFIN N27A NANSO LOMPI A699 BURTT N28C NUCAR  
A699 RAMJT AR18 WOLFO BENZI KMIA

4213.33 nm / 7803.09 km



## Notes

Using NAT tracks from 21/12/2015

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
EGLL	-	51.47122	0 ft	-	London Heathrow
APT	-	-0.46098	0 m		
TOPRO	-	51.91167	34,000 ft	107	-
FIX	-	-3.24917	10,363 m		
MEDOG	UN14	51.95028	34,000 ft	11	-
FIX	AWY-HI	-3.54944	10,363 m		
ABAPO	UN14	52.10278	34,000 ft	47	-
FIX	AWY-HI	-4.80333	10,363 m		
PEMOB	UN14	52.14389	34,000 ft	13	-
FIX	AWY-HI	-5.16139	10,363 m		
SLANY	UN24	52.15861	34,000 ft	25	-
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	-
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		
DOGAL	UM140	54.00000	34,000 ft	122	-
FIX	AWY-HI	-15.00000	10,363 m		
+55.000_--20.000	G	55.00000	35,000 ft	184	-
LATLON	NAT	-20.00000	10,668 m		
+56.000_--30.000	G	56.00000	35,000 ft	345	-
LATLON	NAT	-30.00000	10,668 m		
+56.000_--40.000	G	56.00000	35,000 ft	335	-
LATLON	NAT	-40.00000	10,668 m		
+55.000_--50.000	G	55.00000	35,000 ft	345	-
LATLON	NAT	-50.00000	10,668 m		
+51.000_--50.000	-	51.00000	34,000 ft	240	-
LATLON	-	-50.00000	10,363 m		
+49.000_--50.000	-	49.00000	34,000 ft	120	-
LATLON	-	-50.00000	10,363 m		
4800N05000W	-	48.00000	34,000 ft	60	-
LATLON	-	-50.00000	10,363 m		
4700N05000W	-	47.00000	34,000 ft	60	-
LATLON	-	-50.00000	10,363 m		
URTAK	A	45.83806	35,000 ft	81	-
FIX	NAT	-51.00000	10,668 m		
RAFIN	-	44.88333	34,000 ft	66	-
FIX	-	-51.80472	10,363 m		
NANSO	N27A	44.48889	34,000 ft	183	-
FIX	AWY-HI	-56.07111	10,363 m		
LOMPI	-	44.00000	34,000 ft	49	-
FIX	-	-57.00000	10,363 m		
FOCUS	A699	42.50000	34,000 ft	159	-
FIX	AWY-HI	-60.00000	10,363 m		
AKERS	A699	37.97820	34,000 ft	391	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-66.15546	10,363 m		
CLXTN	A699	35.72294	34,000 ft	177	-
FIX	AWY-HI	-68.55608	10,363 m		
DANER	A699	35.26667	34,000 ft	37	-
FIX	AWY-HI	-69.06667	10,363 m		
HUBER	A699	34.58261	34,000 ft	61	-
FIX	AWY-HI	-69.98375	10,363 m		
ODEAL	A699	33.43088	34,000 ft	101	-
FIX	AWY-HI	-71.48221	10,363 m		
BURTT	A699	31.66890	34,000 ft	137	-
FIX	AWY-HI	-73.21600	10,363 m		
LOUIZ	N28C	28.47283	34,000 ft	274	-
FIX	AWY-HI	-77.00000	10,363 m		
NUCAR	N28C	28.12603	34,000 ft	39	-
FIX	AWY-HI	-77.63300	10,363 m		
STIFF	A699	27.60518	30,300 ft	62	-
FIX	AWY-HI	-78.64612	9,235 m		
RAMJT	A699	27.52044	28,500 ft	8	-
FIX	AWY-HI	-78.78000	8,687 m		
WOLFO	AR18	27.40234	26,900 ft	7	-
FIX	AWY-HI	-78.79724	8,199 m		
BENZI	-	27.06364	20,900 ft	23	-
FIX	-	-79.01488	6,370 m		
KMIA	-	25.79617	0 ft	102	Miami Intl
APT	-	-80.28974	0 m		

## EGLL

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 2

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.376 E

## METAR

EGLL 070920Z AUTO 05007KT 020V090 9999 NCD 16/07 Q1021 NOSIG

## TAF

TAF EGLL 070453Z 0706/0812 01004KT 9999 FEW045 PROB30 TEMPO 0706/0707 7000 PROB40 0801/0809 8000 BKN009

## Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.29		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.33		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.35		0 m	29 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m

## KMIA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 11 ft / 3 m  
Location: 25.796200 -80.289700  
Magnetic Var: 7.273 W

## METAR

KMIA 070853Z 11006KT 10SM FEW030 24/21 A2993 RMK AO2 SLP136 T02440206 56013 \$

## TAF

KMIA 070847Z 0709/0812 10010KT P6SM SCT040 SCT250 FM080200 13006KT P6SM FEW040 SCT100

## Frequencies

REC - 119.15 MHz - D-ATIS	REC - 133.67 MHz - D-ATIS
COM - 123.00 MHz - UNICOM	CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - MIAMI GROUND	GND - 127.50 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER	TWR - 123.90 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH	APP - 124.85 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH	DEP - 119.45 MHz - MIAMI DEPARTURE
DEP - 125.50 MHz - MIAMI DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft	13,027 ft	87.37	CONCRETE	1,371 ft	384 ft
	46 m	3,971 m	94.64		418 m	117 m
27	151 ft	13,027 ft	267.39	CONCRETE	276 ft	374 ft
	46 m	3,971 m	274.66		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.65		0 m	124 m
26L	200 ft	10,515 ft	267.39	CONCRETE	0 ft	407 ft
	61 m	3,205 m	274.66		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.65		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.66		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.88		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.89		289 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	DME	IMFA	110.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
12	DME	IGEM	108.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
26L	DME	IVIN	109.10 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
26R	DME	ICNV	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.87		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.87		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.63		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.63		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.87		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.87		4 m