

# EGLL

London Heathrow

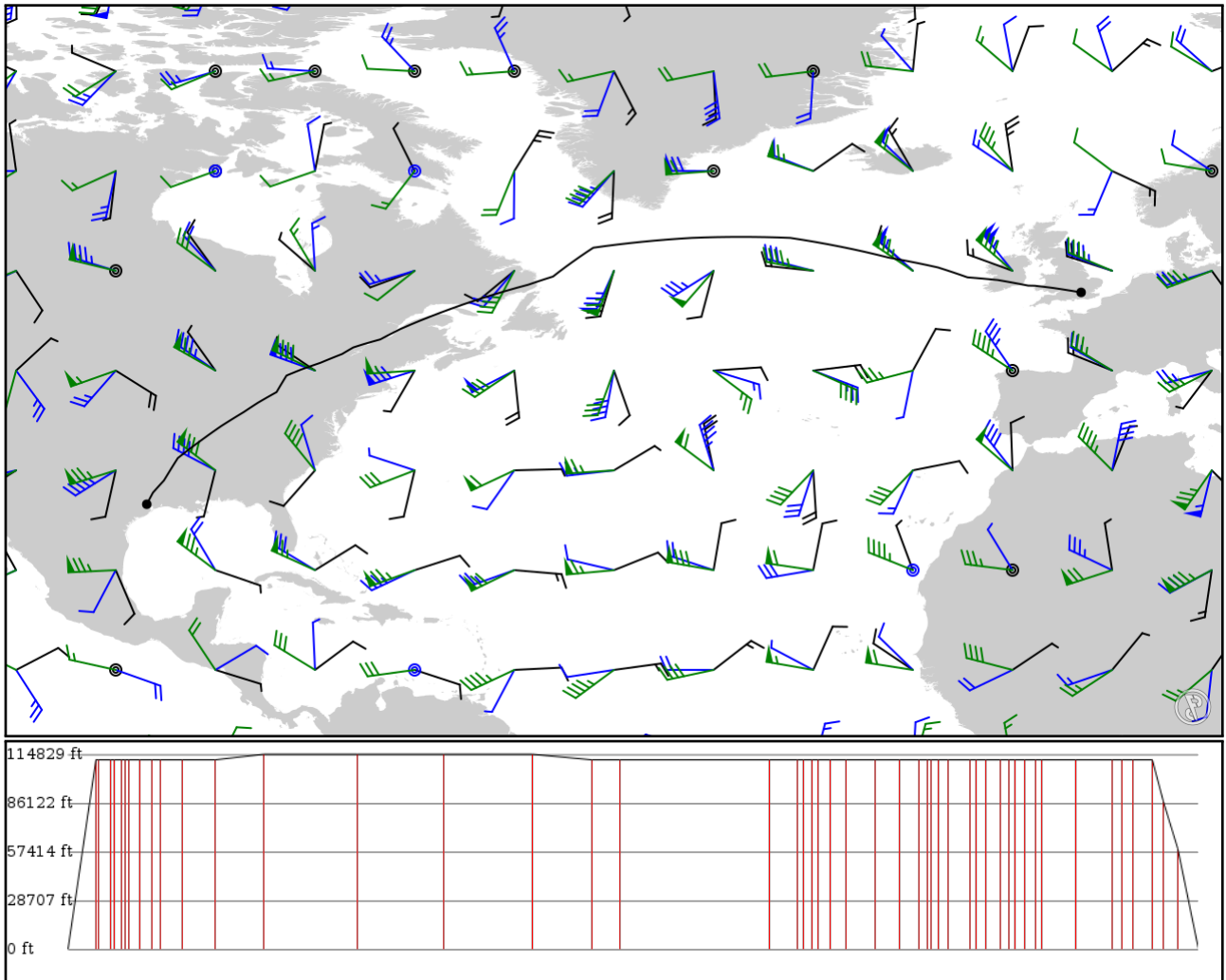
# KIAH

Houston George Bush Int

2024/05/11 0357Z

EGLL TOPRO **UN14** PEMOB **UN24** SLANY **UL9** BURAK **UM140** DOGAL **G** +56.000\_--50.000 CARPE **5E16** REDBY **N206C**  
YRI **J560** YQB **J546** YMX **J588** YCF **J586** YXU **J545** DJB **J29** PXV **J131** LIT **J101** LFK KIAH

4283.48 nm / 7933.00 km



## Notes

Using NAT tracks from 28/12/2015

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 350kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes

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

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGLL APT	-	51.47122 -0.46098	0 ft 0 m	-	London Heathrow
TOPRO FIX	-	51.91167 -3.24917	34,000 ft 10,363 m	107	-
MEDOG FIX	UN14 AWY-HI	51.95028 -3.54944	34,000 ft 10,363 m	11	-
ABAPO FIX	UN14 AWY-HI	52.10278 -4.80333	34,000 ft 10,363 m	47	-
PEMOB FIX	UN14 AWY-HI	52.14389 -5.16139	34,000 ft 10,363 m	13	-
SLANY FIX	UN24 AWY-HI	52.15861 -5.84222	34,000 ft 10,363 m	25	-
DIMUS FIX	UL9 AWY-HI	52.23972 -6.25139	34,000 ft 10,363 m	15	-
ROPED FIX	UL9 AWY-HI	52.30833 -6.60472	34,000 ft 10,363 m	13	-
ABAGU FIX	UL9 AWY-HI	52.50333 -7.64667	34,000 ft 10,363 m	39	-
SHA VOR	UL9 AWY-HI	52.72101 -8.88521	34,000 ft 10,363 m	47	SHANNON VOR-DME
UNBEG FIX	UL9 AWY-HI	52.80500 -9.73000	34,000 ft 10,363 m	31	-
BURAK FIX	UL9 AWY-HI	53.00000 -12.00000	34,000 ft 10,363 m	83	-
DOGAL FIX	UM140 AWY-HI	54.00000 -15.00000	34,000 ft 10,363 m	122	-
+55.000_--20.000 LATLON	G NAT	55.00000 -20.00000	35,000 ft 10,668 m	184	-
+57.000_--30.000 LATLON	G NAT	57.00000 -30.00000	35,000 ft 10,668 m	356	-
+57.000_--40.000 LATLON	G NAT	57.00000 -40.00000	35,000 ft 10,668 m	326	-
+56.000_--50.000 LATLON	G NAT	56.00000 -50.00000	35,000 ft 10,668 m	336	-
CARPE FIX	- -	53.08333 -54.08333	34,000 ft 10,363 m	225	-
REDBY FIX	5E16 AWY-HI	52.24944 -56.60166	34,000 ft 10,363 m	104	-
YRI VOR	N206C AWY-HI	47.75753 -69.58978	34,000 ft 10,363 m	568	RIVIERE DU LOUP VOR
YQB VOR	J560 AWY-HI	46.70532 -71.62656	34,000 ft 10,363 m	104	-
PESAC FIX	J546 AWY-HI	46.54889 -72.18694	34,000 ft 10,363 m	24	-
SOKYE FIX	J546 AWY-HI	46.35881 -72.85150	34,000 ft 10,363 m	29	-
UFX NDB	J546 AWY-HI	46.19225 -73.41903	34,000 ft 10,363 m	25	ST-FELIX-DE-VALOI NDB
YMX VOR	J546 AWY-HI	45.88833 -74.37583	34,000 ft 10,363 m	43	MIRABEL VOR-DME
ULAMO FIX	J588 AWY-HI	45.22917 -75.49306	34,000 ft 10,363 m	61	-
YCF	J588	44.33306	34,000 ft	108	CAMPBELLFORD VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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	-
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		

## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.378 E

## METAR

EGLL 110320Z AUTO 04003KT 9999 NCD 11/08 Q1022

## TAF

TAF EGLL 102256Z 1100/1206 08007KT 9999 FEW045 TEMPO 1102/1108 7000 PROB30 TEMPO 1104/1107 4000 BR BKN004

## 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	89.28		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	269.34		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

## KIAH

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

Elevation: 98 ft / 30 m  
Location: 29.985400 -95.341200  
Magnetic Var: 1.730 E

## METAR

KIAH 110253Z 03007KT 10SM FEW130 SCT170 SCT250 25/19 A2992 RMK A02 SLP130 T02500189 53014

## TAF

KIAH 110248Z 1103/1206 03007KT P6SM SCT250 FM111200 06010KT P6SM SCT250 FM111900 07013KT P6SM SCT250

## 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	10,010 ft	152.07	CONCRETE	0 ft	407 ft
	46 m	3,051 m	150.34		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.35		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.35		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.36		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.22		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.23		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.23		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.24		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.22		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.24		0 m	118 m

## Approach Nav aids

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

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm 33 km	- -	-	109 ft 109 m
26R	DME	IOND	111.55 MHz	18 nm 33 km	- -	-	84 ft 84 m
27	DME	IGHI	110.90 MHz	18 nm 33 km	- -	-	100 ft 100 m
08L	LOC-ILS	IBZU	111.55 MHz	18 nm 33 km	89.95 88.22	-	98 ft 98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm 33 km	89.96 88.23	-	98 ft 98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm 33 km	152.08 150.35	-	98 ft 98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm 33 km	269.95 268.22	-	98 ft 98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm 33 km	269.96 268.23	-	98 ft 98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm 33 km	332.09 330.36	-	98 ft 98 m
08L	GS	IBZU	111.55 MHz	10 nm 19 km	89.95 88.22	3.00	98 ft 98 m
08R	GS	IIAH	109.70 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
09	GS	IUYO	110.90 MHz	10 nm 19 km	89.96 88.23	3.00	98 ft 98 m
15R	GS	ILKM	111.15 MHz	10 nm 19 km	152.08 150.35	3.00	98 ft 98 m
26L	GS	IJYV	109.70 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
26R	GS	IOND	111.55 MHz	10 nm 19 km	269.95 268.22	3.00	98 ft 98 m
27	GS	IGHI	110.90 MHz	10 nm 19 km	269.96 268.23	3.00	98 ft 98 m
33R	GS	ICDG	111.90 MHz	10 nm 19 km	332.09 330.36	3.00	98 ft 98 m