

EGLL

London Heathrow

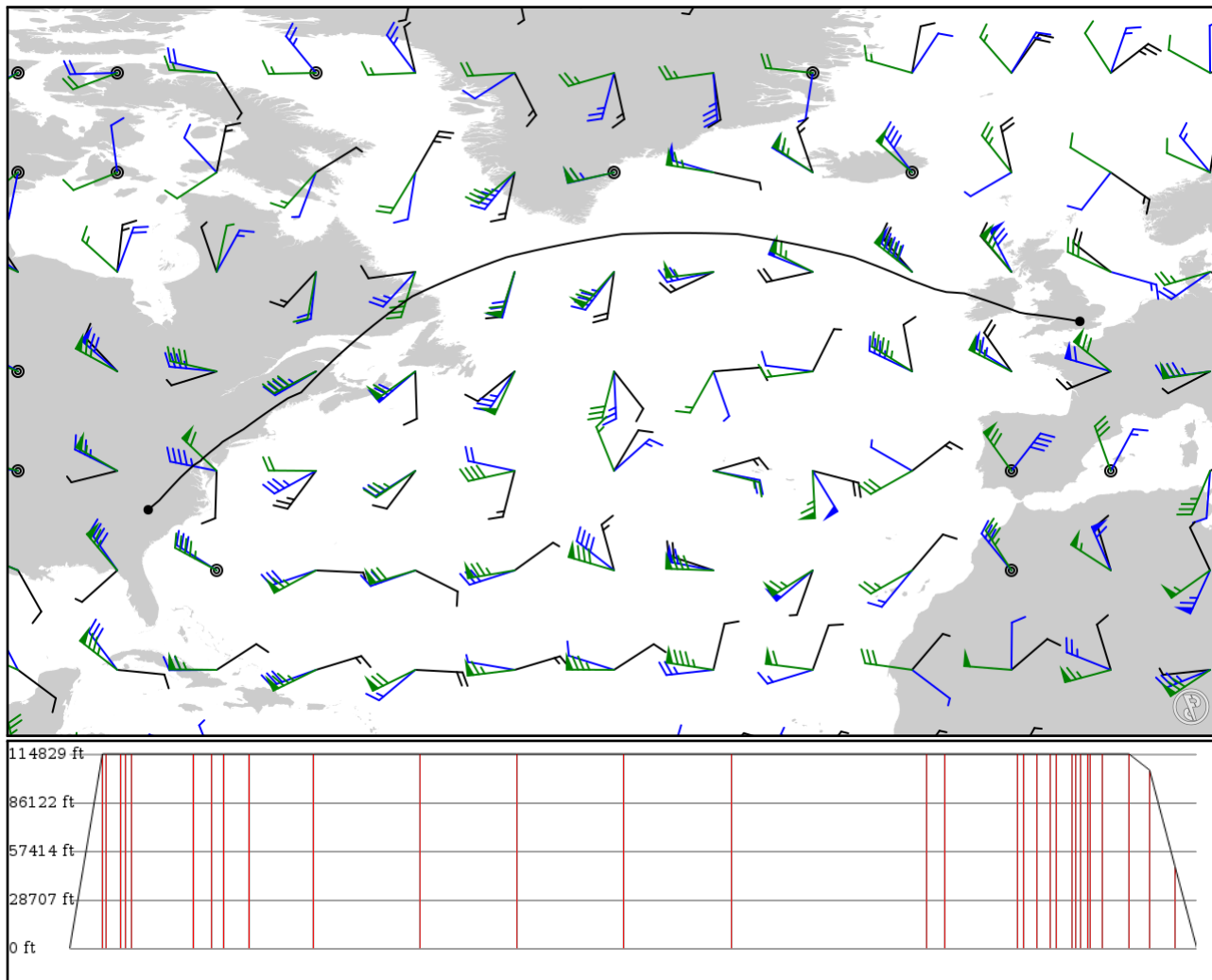
KCLT

Charlotte Douglas Intl

2024/05/03 1443Z

EGLL TOPRO **UN14** BAKUR **UN546** DEVOL **UN544** BABAN **UN542** KORIB 5500N01500W +57.000_--20.000 E
+57.000_--50.000 VALIE **N161E** TOPPS **J581** BGR **J80** BAF **J77** SAX **J6** BWZ **J77** PTW **V403** BELAY **V378** TRISH
MURPH **J75** GSO KCLT

3593.21 nm / 6654.63 km



Notes

Using NAT tracks from 26/1/2018

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 40000ft
- 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 APT	-	51.47122 -0.46098	0 ft 0 m	-	London Heathrow
TOPRO FIX	-	51.91167 -3.24917	35,000 ft 10,668 m	107	-
MEDOG FIX	UN14 AWY-HI	51.95028 -3.54944	35,000 ft 10,668 m	11	-
ABAPO FIX	UN14 AWY-HI	52.10278 -4.80333	35,000 ft 10,668 m	47	-
PEMOB FIX	UN14 AWY-HI	52.14389 -5.16139	35,000 ft 10,668 m	13	-
BAKUR FIX	UN14 AWY-HI	52.24167 -5.68028	35,000 ft 10,668 m	19	-
DEVOL FIX	UN546 AWY-HI	53.89028 -10.43417	35,000 ft 10,668 m	198	-
BABAN FIX	UN544 AWY-HI	54.00000 -12.00000	35,000 ft 10,668 m	55	-
KORIB FIX	UN542 AWY-HI	54.25333 -13.00000	35,000 ft 10,668 m	38	-
5500N01500W LATLON	-	55.00000 -15.00000	35,000 ft 10,668 m	82	-
+57.000_--20.000 LATLON	-	57.00000 -20.00000	35,000 ft 10,668 m	206	-
+59.000_--30.000 LATLON	E NAT	59.00000 -30.00000	35,000 ft 10,668 m	339	-
+59.000_--40.000 LATLON	E NAT	59.00000 -40.00000	35,000 ft 10,668 m	309	-
+57.000_--50.000 LATLON	E NAT	57.00000 -50.00000	35,000 ft 10,668 m	339	-
VALIE FIX	-	53.62500 -58.14000	35,000 ft 10,668 m	343	-
TOPPS FIX	N161E AWY-HI	45.34018 -67.73864	35,000 ft 10,668 m	621	-
BGR VOR	J581 AWY-HI	44.84181 -68.87397	35,000 ft 10,668 m	56	BANGOR VORTAC
BAF VOR	J80 AWY-HI	42.16197 -72.71619	35,000 ft 10,668 m	232	BARNES VORTAC
BIGGO FIX	J77 AWY-HI	41.95581 -73.06794	35,000 ft 10,668 m	19	-
GANDE FIX	J77 AWY-HI	41.51018 -73.81445	35,000 ft 10,668 m	42	-
SAX VOR	J77 AWY-HI	41.06756 -74.53831	35,000 ft 10,668 m	42	SPARTA VORTAC
BWZ VOR	J6 AWY-HI	40.79844 -74.82183	35,000 ft 10,668 m	20	BROADWAY VOR-DME
PTW VOR	J77 AWY-HI	40.22225 -75.56025	35,000 ft 10,668 m	48	POTTSTOWN VORTAC
SPERY FIX	V403 AWY-LO	40.08069 -75.72714	35,000 ft 10,668 m	11	-
GLOMO FIX	V403 AWY-LO	39.86521 -75.97923	35,000 ft 10,668 m	17	-
BELAY FIX	V403 AWY-LO	39.58769 -76.30056	35,000 ft 10,668 m	22	-
TRISH	V378	39.50345	35,000 ft	6	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-76.37389	10,668 m		
MURPH	-	39.46423	35,000 ft	2	-
FIX	-	-76.38534	10,668 m		
BINKS	J75	39.05196	35,000 ft	38	-
FIX	AWY-HI	-77.02988	10,668 m		
GVE	J75	38.01361	35,000 ft	81	GORDONSVILLE VORTAC
VOR	AWY-HI	-78.15303	10,668 m		
DRAIK	J75	37.13393	32,100 ft	65	-
FIX	AWY-HI	-78.98296	9,784 m		
GSO	J75	36.04569	14,700 ft	81	GREENSBORO VORTAC
VOR	AWY-HI	-79.97639	4,481 m		
KCLT	-	35.21397	0 ft	68	Charlotte Douglas Intl
APT	-	-80.94859	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.375 E

METAR

EGLL 031420Z AUTO 27012KT 9999 -RA FEW045 12/08 Q1010 NOSIG

TAF

TAF EGLL 031051Z 0312/0418 26010KT 9999 BKN010 BECMG 0312/0315 SCT035 PROB30 TEMPO 0312/0315 7000 -RADZ BECMG 0320/0323 2000 -RA

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	89.31		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	89.31		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.33		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.33		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.31		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.31		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	89.33		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.33		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.31		83 m

KCLT

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

Elevation: 748 ft / 228 m
Location: 35.213800 -80.948500
Magnetic Var: 8.053 W

METAR

KCLT 031352Z VRB04KT 10SM SCT210 BKN250 23/17 A3006 RMK A02 SLP186 T02280172

TAF

KCLT 031352Z 0314/0418 20005KT P6SM BKN250 FM032000 20007KT P6SM BKN150 PROB30 0400/0406 5SM -SHRA BR OVC025 FM0400

Frequencies

REC - 121.15 MHz - ATIS (ARRIVAL)	REC - 132.10 MHz - ATIS (DEPARTURE)
COM - 122.95 MHz - UNICOM	CLD - 127.15 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - CHARLOTTE GROUND	GND - 121.90 MHz - CHARLOTTE GROUND
TWR - 133.35 MHz - CHARLOTTE TOWER	TWR - 126.40 MHz - CHARLOTTE TOWER
TWR - 118.10 MHz - CHARLOTTE TOWER	DEP - 134.75 MHz - CHARLOTTE DEPARTURE
DEP - 128.32 MHz - CHARLOTTE DEPARTURE	DEP - 124.00 MHz - CHARLOTTE DEPARTURE
DEP - 120.50 MHz - CHARLOTTE DEPARTURE	DEP - 120.05 MHz - CHARLOTTE DEPARTURE
APP - 134.75 MHz - CHARLOTTE APPROACH	APP - 128.32 MHz - CHARLOTTE APPROACH
APP - 126.15 MHz - CHARLOTTE APPROACH	APP - 124.00 MHz - CHARLOTTE APPROACH
APP - 120.50 MHz - CHARLOTTE APPROACH	APP - 120.05 MHz - CHARLOTTE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	151 ft	9,008 ft	175.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	184.04		0 m	0 m
36L	151 ft	9,008 ft	355.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	4.04		0 m	0 m
18C	151 ft	10,009 ft	175.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	184.03		0 m	0 m
36C	151 ft	10,009 ft	355.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	4.03		0 m	0 m
18L	151 ft	8,686 ft	176.00	ASPHALT	0 ft	0 ft
	46 m	2,648 m	184.05		0 m	0 m
36R	151 ft	8,686 ft	356.00	ASPHALT	0 ft	0 ft
	46 m	2,648 m	4.05		0 m	0 m
05	151 ft	7,510 ft	48.35	ASPHALT	0 ft	148 ft
	46 m	2,289 m	56.40		0 m	45 m
23	151 ft	7,510 ft	228.36	ASPHALT	0 ft	148 ft
	46 m	2,289 m	236.41		0 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18R	DME	IRGS	110.15 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
23	DME	IAPU	109.50 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
36L	DME	IXUU	110.15 MHz	18 nm	-	-	749 ft
				33 km	-		749 m
36R	DME	IBQC	108.90 MHz	18 nm	-	-	749 ft
				33 km	-		749 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	ICLT	110.95 MHz	18 nm	48.37	-	749 ft
				33 km	56.42		749 m
18C	LOC-ILS	IPEP	111.30 MHz	18 nm	175.98	-	748 ft
				33 km	184.03		748 m
18L	LOC-ILS	IVKQ	110.35 MHz	18 nm	176.00	-	748 ft
				33 km	184.05		748 m
18R	LOC-ILS	IRGS	110.15 MHz	18 nm	175.98	-	748 ft
				33 km	184.03		748 m
23	LOC-ILS	IAPU	109.50 MHz	18 nm	228.35	-	748 ft
				33 km	236.40		748 m
36C	LOC-ILS	IDQG	111.70 MHz	18 nm	355.98	-	748 ft
				33 km	4.03		748 m
36L	LOC-ILS	IXUU	110.15 MHz	18 nm	355.98	-	748 ft
				33 km	4.03		748 m
36R	LOC-ILS	IBQC	108.90 MHz	18 nm	356.00	-	748 ft
				33 km	4.05		748 m
05	GS	ICLT	110.95 MHz	10 nm	48.35	3.00	748 ft
				19 km	56.40		748 m
18C	GS	IPEP	111.30 MHz	10 nm	175.98	3.00	748 ft
				19 km	184.03		748 m
18L	GS	IVKQ	110.35 MHz	10 nm	176.00	3.00	748 ft
				19 km	184.05		748 m
18R	GS	IRGS	110.15 MHz	10 nm	175.98	3.00	748 ft
				19 km	184.03		748 m
23	GS	IAPU	109.50 MHz	10 nm	228.35	3.00	748 ft
				19 km	236.40		748 m
36C	GS	IDQG	111.70 MHz	10 nm	355.98	3.00	748 ft
				19 km	4.03		748 m
36L	GS	IXUU	110.15 MHz	10 nm	355.98	3.00	748 ft
				19 km	4.03		748 m
36R	GS	IBQC	108.90 MHz	10 nm	356.00	3.00	748 ft
				19 km	4.05		748 m