KEWR
Newark Liberty Intl

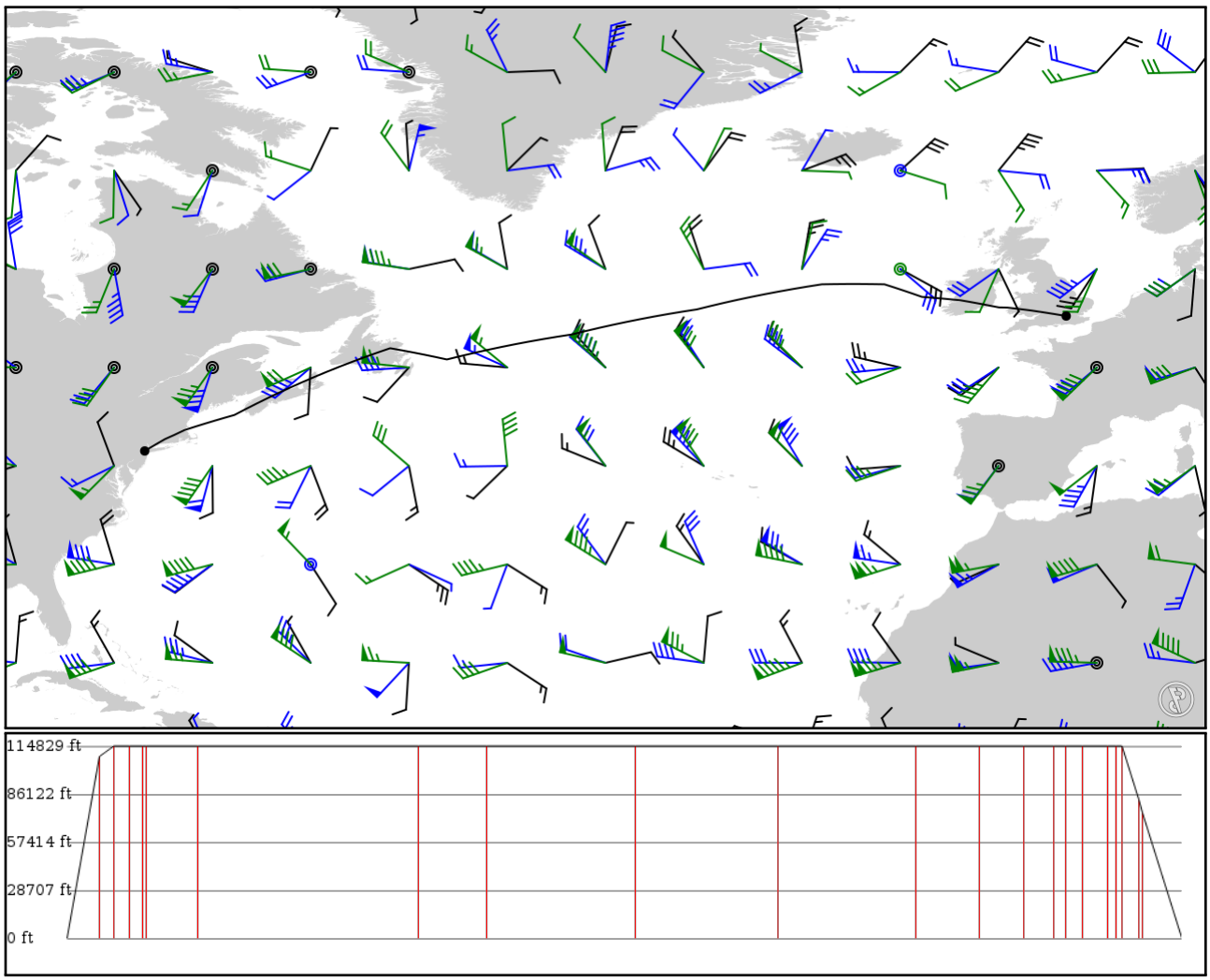
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EGLL
London Heathrow

2024/03/29 0547Z

KEWR HFD **J42** BOS **J575** TUSKY **N124B** YQX **5E57** 4850N +48.000_--50.000 **Q** +54.000_--20.000 DOGAL **UM140** BURAK **UL9** ABAGU **L9** SLANY **UN24** PEMOB **UN14** TOPRO EGLL

3082.96 nm / 5709.64 km



Notes

Using NAT tracks from 19/11/2017

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
KEWR APT	–	40.69363 -74.16856	0 ft 0 m	–	Newark Liberty Intl
HFD VOR	–	41.64111 -72.54742	33,100 ft 10,089 m	92	HARTFORD VOR-DME
PUT VOR	J42 AWY-HI	41.95547 -71.84408	35,000 ft 10,668 m	36	PUTNAM VOR-DME
BOS VOR	J42 AWY-HI	42.35744 -70.98956	35,000 ft 10,668 m	45	BOSTON VOR-DME
SCUPP FIX	J575 AWY-HI	42.60306 -70.23037	35,000 ft 10,668 m	36	–
CANAL FIX	J575 AWY-HI	42.66903 -70.02271	35,000 ft 10,668 m	9	–
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
4850N FIX	5E57 AWY-LO	48.00000 -50.00000	35,000 ft 10,668 m	188	–
+48.000_--50.000 LATLON	– –	48.00000 -50.00000	35,000 ft 10,668 m	0	–
+50.000_--40.000 LATLON	Q NAT	50.00000 -40.00000	35,000 ft 10,668 m	411	–
+52.000_--30.000 LATLON	Q NAT	52.00000 -30.00000	35,000 ft 10,668 m	396	–
+54.000_--20.000 LATLON	Q NAT	54.00000 -20.00000	35,000 ft 10,668 m	380	–
DOGAL FIX	– –	54.00000 -15.00000	35,000 ft 10,668 m	176	–
BURAK FIX	UM140 AWY-HI	53.00000 -12.00000	35,000 ft 10,668 m	122	–
UNBEG FIX	UL9 AWY-HI	52.80500 -9.73000	35,000 ft 10,668 m	83	–
SHA VOR	UL9 AWY-HI	52.72101 -8.88521	35,000 ft 10,668 m	31	SHANNON VOR-DME
ABAGU FIX	UL9 AWY-HI	52.50333 -7.64667	35,000 ft 10,668 m	47	–
SLANY FIX	L9 AWY-LO	52.15861 -5.84222	35,000 ft 10,668 m	69	–
PEMOB FIX	UN24 AWY-HI	52.14389 -5.16139	35,000 ft 10,668 m	25	–
ABAPO FIX	UN14 AWY-HI	52.10278 -4.80333	35,000 ft 10,668 m	13	–
MEDOG FIX	UN14 AWY-HI	51.95028 -3.54944	25,300 ft 7,711 m	47	–
TOPRO FIX	UN14 AWY-HI	51.91167 -3.24917	22,900 ft 6,980 m	11	–
EGLL APT	–	51.47122 -0.46098	0 ft 0 m	107	London Heathrow

KEWR

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.654 W

METAR

KEWR 290451Z 34013G21KT 10SM BKN055 OVC110 07/M03 A2983 RMK AO2 SLP101 T00721028 401060072 $

TAF

KEWR 290237Z 2903/3006 33012G22KT P6SM SCT025 OVC035 FM290500 33017G24KT P6SM SCT025 BKN040 FM291500 31019G28KT P

Frequencies

REC - 115.70 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - NEWARK GROUND
GND - 132.45 MHz - RAMP CONTROL
TWR - 134.05 MHz - NEWARK TOWER
APP - 128.55 MHz - NEW YORK APPROACH
APP - 132.80 MHz - NEW YORK APPROACH

REC - 134.82 MHz - D-ATIS
CLD - 118.85 MHz - CLEARANCE DELIVERY
GND - 126.15 MHz - NEWARK GROUND
TWR - 118.30 MHz - NEWARK TOWER
APP - 127.60 MHz - NEW YORK APPROACH
APP - 132.70 MHz - NEW YORK APPROACH
DEP - 119.20 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft 46 m	11,011 ft 3,356 m	25.75 38.40	ASPHALT	2,539 ft 774 m	610 ft 186 m
22R	150 ft 46 m	11,011 ft 3,356 m	205.76 218.41	ASPHALT	1,440 ft 439 m	0 ft 0 m
04R	150 ft 46 m	10,009 ft 3,051 m	25.74 38.40	ASPHALT	1,191 ft 363 m	299 ft 91 m
22L	150 ft 46 m	10,009 ft 3,051 m	205.75 218.41	ASPHALT	1,791 ft 546 m	0 ft 0 m
11	150 ft 46 m	6,732 ft 2,052 m	95.00 107.65	ASPHALT	0 ft 0 m	505 ft 154 m
29	150 ft 46 m	6,732 ft 2,052 m	275.02 287.67	ASPHALT	223 ft 68 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IEWR	110.75 MHz	18 nm 33 km	- -	-	11 ft 11 m
04R	DME	IEZA	108.70 MHz	18 nm 33 km	- -	-	18 ft 18 m
22L	DME	ILSQ	108.70 MHz	18 nm 33 km	- -	-	18 ft 18 m
22R	DME	IJNN	110.75 MHz	18 nm 33 km	- -	-	11 ft 11 m
04L	LOC-ILS	IEWR	110.75 MHz	18 nm 33 km	25.76 38.41	-	17 ft 17 m
04R	LOC-ILS	IEZA	108.70 MHz	18 nm 33 km	25.75 38.40	-	17 ft 17 m
11	LOC-ILS	IGPR	109.15 MHz	18 nm 33 km	95.01 107.66	-	17 ft 17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	LOC-ILS	ILSQ	108.70 MHz	18 nm 33 km	205.75 218.40	-	17 ft 17 m
22R	LOC-ILS	IJNN	110.75 MHz	18 nm 33 km	205.76 218.41	-	17 ft 17 m
04L	GS	IEWR	110.75 MHz	10 nm 19 km	25.76 38.41	3.00	17 ft 17 m
04R	GS	IEZA	108.70 MHz	10 nm 19 km	25.75 38.40	3.00	17 ft 17 m
11	GS	IGPR	109.15 MHz	10 nm 19 km	95.01 107.66	3.00	17 ft 17 m
22L	GS	ILSQ	108.70 MHz	10 nm 19 km	205.75 218.40	3.00	17 ft 17 m
22R	GS	IJNN	110.75 MHz	10 nm 19 km	205.76 218.41	3.00	17 ft 17 m

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.361 E

METAR

EGLL 290520Z AUTO 18008KT 140V220 9999 -RA SCT017 BKN026 OVC040 07/06 Q0985

TAF

TAF EGLL 282304Z 2900/3006 20014KT 9999 SCT020 TEMPO 2900/2910 7000 SHRA PROB30 TEMPO 2901/2910 21015G25KT 4000 +S

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY
GND - 121.85 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER
APP - 120.40 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE

REC - 121.92 MHz - HEATHROW INFORMATION
GND - 121.70 MHz - HEATHROW GROUND
GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.70 MHz - HEATHROW TOWER
APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 127.52 MHz - HEATHROW RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft 50 m	12,770 ft 3,892 m	89.66 89.30	ASPHALT	1,007 ft 307 m	0 ft 0 m
27R	164 ft 50 m	12,770 ft 3,892 m	269.70 269.34	ASPHALT	0 ft 0 m	177 ft 54 m
09R	164 ft 50 m	11,975 ft 3,650 m	89.68 89.32	ASPHALT	1,004 ft 306 m	0 ft 0 m
27L	164 ft 50 m	11,975 ft 3,650 m	269.72 269.36	ASPHALT	0 ft 0 m	95 ft 29 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm 33 km	- -	-	89 ft 89 m
09R	DME	IBB	109.50 MHz	18 nm 33 km	- -	-	84 ft 84 m
27L	DME	ILL	109.50 MHz	18 nm 33 km	- -	-	84 ft 84 m
27R	DME	IRR	110.30 MHz	18 nm 33 km	- -	-	89 ft 89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm 33 km	89.68 89.32	-	83 ft 83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm 33 km	89.70 89.34	-	83 ft 83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm 33 km	269.70 269.34	-	83 ft 83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm 33 km	269.68 269.32	-	83 ft 83 m
09L	GS	IAA	110.30 MHz	10 nm 19 km	89.68 89.32	3.00	83 ft 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	89.34		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.34		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.32		83 m