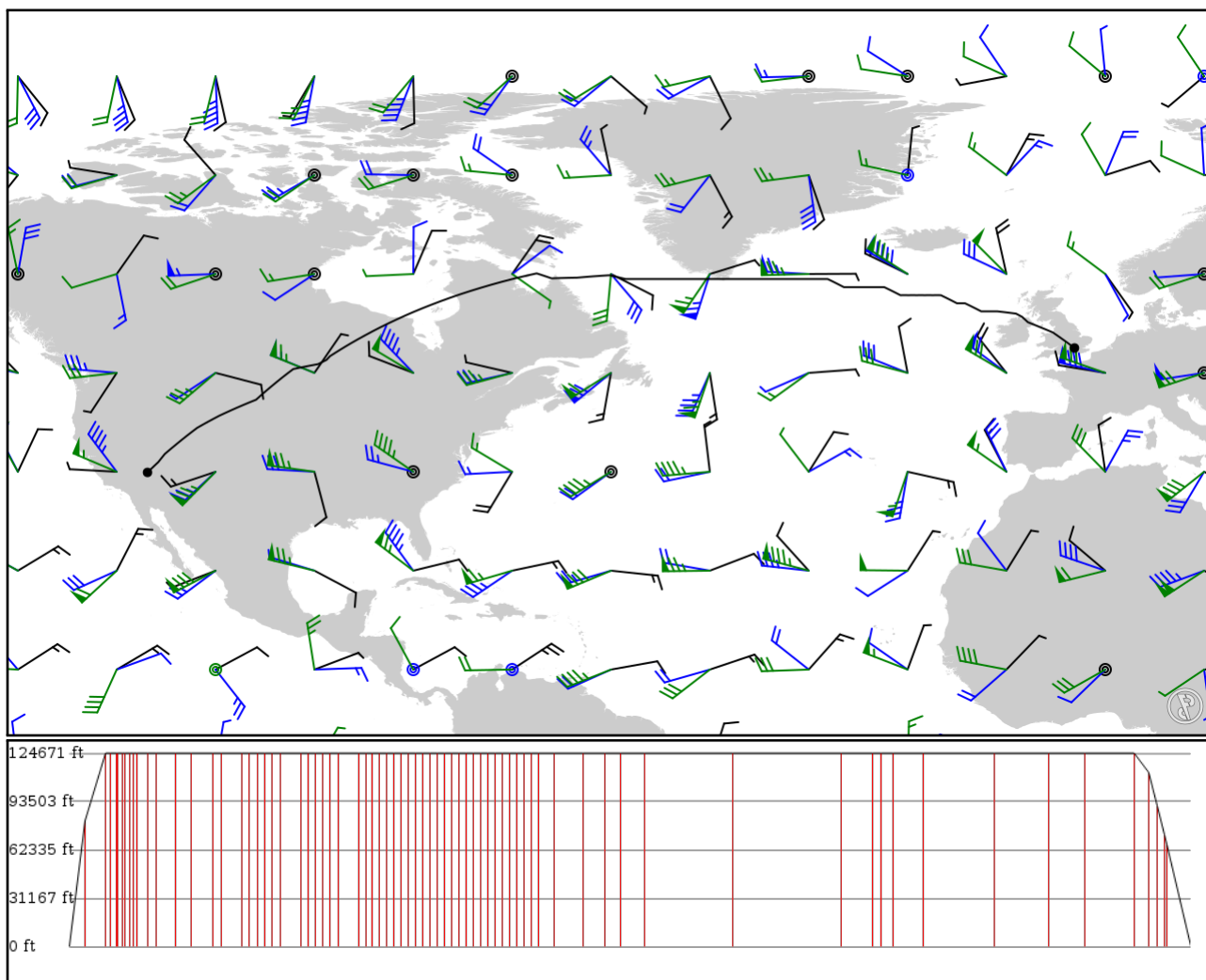


2024/05/10 0723Z

EGLL HON **UL10** KELLY **L10** BEL RUBEX DONIB **N562** MIMKU 5600N01200W 5700N01400W 5700N01500W
5800N01700W 5800N01800W 5800N01900W 5800N02000W 5800N02100W 5800N02200W 5900N02400W 5900N02500W
5900N02600W 5900N02700W 5900N02800W 5900N02900W 6000N03100W 6000N03200W 6000N03300W 6000N03400W
6000N03500W 6000N03600W 6000N03700W 6000N03800W 6000N03900W 6000N04000W 6000N04100W 6000N04200W
6000N04300W 6000N04400W 6000N04500W 6000N04600W 6000N04700W 6000N04800W 6000N04900W 6000N05000W
6000N05100W 6000N05200W 6000N05300W 6000N05400W 6000N05500W 6000N05600W PIDSO **N842A** RODBO JELCO
SCAJ RIONA 5000N09300W VBI **J107** BERYL **V21** HUNKU KLAS

4684.68 nm / 8676.02 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 420kts
- Descent Rate: 1400ft/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	-	51.47120	0 ft	-	London Heathrow
APT	-	-0.46088	0 m		
HON	-	52.35670	24,700 ft	69	HONILEY
VOR	-	-1.66373	7,529 m		
WAL	UL10	53.39190	38,000 ft	81	WALLASEY
VOR	AWY-HI	-3.13446	11,582 m		
PENIL	UL10	53.61580	38,000 ft	23	-
FIX	AWY-HI	-3.66361	11,582 m		
CASEL	UL10	53.83110	38,000 ft	22	-
FIX	AWY-HI	-4.18250	11,582 m		
KELLY	UL10	53.90530	38,000 ft	7	-
FIX	AWY-HI	-4.36417	11,582 m		
IOM	L10	54.06690	38,000 ft	17	ISLE OF MAN
VOR	AWY-LO	-4.76347	11,582 m		
SLYDA	L10	54.20110	38,000 ft	13	-
FIX	AWY-HI	-5.08750	11,582 m		
RINGA	L10	54.39830	38,000 ft	20	-
FIX	AWY-HI	-5.57111	11,582 m		
DUFFY	L10	54.51470	38,000 ft	12	-
FIX	AWY-HI	-5.86083	11,582 m		
BEL	L10	54.66110	38,000 ft	15	BELFAST
VOR	AWY-HI	-6.22991	11,582 m		
RUBEX	-	55.32000	38,000 ft	46	-
FIX	-	-6.93528	11,582 m		
DONIB	-	55.71920	38,000 ft	35	-
FIX	-	-7.69556	11,582 m		
MIMKU	N562	56.00000	38,000 ft	79	-
FIX	AWY-HI	-10.00000	11,582 m		
5600N01200W	-	56.00000	38,000 ft	67	-
LATLON	-	-12.00000	11,582 m		
5700N01400W	-	57.00000	38,000 ft	89	-
LATLON	-	-14.00000	11,582 m		
5700N01500W	-	57.00000	38,000 ft	32	-
LATLON	-	-15.00000	11,582 m		
5800N01700W	-	58.00000	38,000 ft	88	-
LATLON	-	-17.00000	11,582 m		
5800N01800W	-	58.00000	38,000 ft	31	-
LATLON	-	-18.00000	11,582 m		
5800N01900W	-	58.00000	38,000 ft	31	-
LATLON	-	-19.00000	11,582 m		
5800N02000W	-	58.00000	38,000 ft	31	-
LATLON	-	-20.00000	11,582 m		
5800N02100W	-	58.00000	38,000 ft	31	-
LATLON	-	-21.00000	11,582 m		
5800N02200W	-	58.00000	38,000 ft	31	-
LATLON	-	-22.00000	11,582 m		
5900N02400W	-	59.00000	38,000 ft	86	-
LATLON	-	-24.00000	11,582 m		
5900N02500W	-	59.00000	38,000 ft	30	-
LATLON	-	-25.00000	11,582 m		
5900N02600W	-	59.00000	38,000 ft	30	-
LATLON	-	-26.00000	11,582 m		
5900N02700W	-	59.00000	38,000 ft	30	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-27.00000	11,582 m		
5900N02800W	-	59.00000	38,000 ft	30	-
LATLON	-	-28.00000	11,582 m		
5900N02900W	-	59.00000	38,000 ft	30	-
LATLON	-	-29.00000	11,582 m		
6000N03100W	-	60.00000	38,000 ft	85	-
LATLON	-	-31.00000	11,582 m		
6000N03200W	-	60.00000	38,000 ft	30	-
LATLON	-	-32.00000	11,582 m		
6000N03300W	-	60.00000	38,000 ft	30	-
LATLON	-	-33.00000	11,582 m		
6000N03400W	-	60.00000	38,000 ft	30	-
LATLON	-	-34.00000	11,582 m		
6000N03500W	-	60.00000	38,000 ft	30	-
LATLON	-	-35.00000	11,582 m		
6000N03600W	-	60.00000	38,000 ft	30	-
LATLON	-	-36.00000	11,582 m		
6000N03700W	-	60.00000	38,000 ft	30	-
LATLON	-	-37.00000	11,582 m		
6000N03800W	-	60.00000	38,000 ft	30	-
LATLON	-	-38.00000	11,582 m		
6000N03900W	-	60.00000	38,000 ft	30	-
LATLON	-	-39.00000	11,582 m		
6000N04000W	-	60.00000	38,000 ft	30	-
LATLON	-	-40.00000	11,582 m		
6000N04100W	-	60.00000	38,000 ft	30	-
LATLON	-	-41.00000	11,582 m		
6000N04200W	-	60.00000	38,000 ft	30	-
LATLON	-	-42.00000	11,582 m		
6000N04300W	-	60.00000	38,000 ft	30	-
LATLON	-	-43.00000	11,582 m		
6000N04400W	-	60.00000	38,000 ft	30	-
LATLON	-	-44.00000	11,582 m		
6000N04500W	-	60.00000	38,000 ft	30	-
LATLON	-	-45.00000	11,582 m		
6000N04600W	-	60.00000	38,000 ft	30	-
LATLON	-	-46.00000	11,582 m		
6000N04700W	-	60.00000	38,000 ft	30	-
LATLON	-	-47.00000	11,582 m		
6000N04800W	-	60.00000	38,000 ft	30	-
LATLON	-	-48.00000	11,582 m		
6000N04900W	-	60.00000	38,000 ft	30	-
LATLON	-	-49.00000	11,582 m		
6000N05000W	-	60.00000	38,000 ft	30	-
LATLON	-	-50.00000	11,582 m		
6000N05100W	-	60.00000	38,000 ft	30	-
LATLON	-	-51.00000	11,582 m		
6000N05200W	-	60.00000	38,000 ft	30	-
LATLON	-	-52.00000	11,582 m		
6000N05300W	-	60.00000	38,000 ft	30	-
LATLON	-	-53.00000	11,582 m		
6000N05400W	-	60.00000	38,000 ft	30	-
LATLON	-	-54.00000	11,582 m		
6000N05500W	-	60.00000	38,000 ft	30	-
LATLON	-	-55.00000	11,582 m		
6000N05600W	-	60.00000	38,000 ft	30	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-56.00000	11,582 m		
PIDSO	-	60.46670	38,000 ft	65	-
FIX	-	-58.00000	11,582 m		
MUSLO	N842A	60.16670	38,000 ft	120	-
FIX	AWY-HI	-62.00000	11,582 m		
RODBO	N842A	60.08330	38,000 ft	94	-
FIX	AWY-HI	-65.16670	11,582 m		
JELCO	-	60.70000	38,000 ft	65	-
FIX	-	-67.00000	11,582 m		
TUNNI	SCAJ	60.00000	38,000 ft	98	-
FIX	AWY-HI	-70.00000	11,582 m		
KEMSA	SCAJ	56.83750	38,000 ft	366	-
FIX	AWY-HI	-80.00000	11,582 m		
MANUP	SCAJ	52.04440	38,000 ft	451	-
FIX	AWY-HI	-90.00000	11,582 m		
RIONA	SCAJ	50.46710	38,000 ft	135	-
FIX	AWY-HI	-92.56450	11,582 m		
5000N09300W	-	50.00000	38,000 ft	32	-
LATLON	-	-93.00000	11,582 m		
VBI	-	49.47690	38,000 ft	51	SIOUX NARROWS
VOR	-	-94.04670	11,582 m		
HML	J107	48.86920	38,000 ft	125	HUMBOLDT
VOR	AWY-HI	-97.11710	11,582 m		
DPR	J107	45.07820	38,000 ft	295	DUPREE
VOR	AWY-HI	-101.71500	11,582 m		
DDY	J107	43.09090	38,000 ft	230	MUDDY MOUNTAIN (CASPER)
VOR	AWY-HI	-106.27700	11,582 m		
OCS	J107	41.59020	38,000 ft	151	ROCK SPRINGS
VOR	AWY-HI	-109.01500	11,582 m		
URNUW	J107	39.13420	38,000 ft	204	-
FIX	AWY-HI	-112.10400	11,582 m		
MLF	J107	38.36040	34,200 ft	63	MILFORD
VOR	AWY-HI	-113.01300	10,424 m		
BERYL	J107	37.90000	27,700 ft	32	-
FIX	AWY-HI	-113.38600	8,443 m		
URIAH	V21	37.50280	22,000 ft	28	-
FIX	AWY-LO	-113.70300	6,706 m		
HUNKU	V21	37.36500	20,100 ft	9	-
FIX	AWY-LO	-113.81200	6,126 m		
KLAS	-	36.08070	0 ft	100	McCarran Intl
APT	-	-115.15300	0 m		

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.377 E

METAR

EGLL 100650Z AUTO VRB02KT 9999 NCD 16/11 Q1024 NOSIG

TAF

TAF EGLL 100455Z 1006/1112 09003KT CAVOK PROB30 TEMPO 1104/1107 6000 BKN005

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

KLAS

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

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.048 E

METAR

KLAS 100656Z 06007KT 10SM CLR 21/01 A2999 RMK AO2 PK WND 05026/0601 WSHFT 0543 SLP137 T02110006 \$

TAF

TAF AMD KLAS 100549Z 1006/1112 03015G25KT P6SM FEW110 FM100800 36008KT P6SM FEW120 FEW200 FM101100 VRB05KT P6SM FM101200 03015G25KT P6SM FEW110

Frequencies

REC - 132.40 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.00 MHz - CLEARANCE DELIVERY	GND - 121.10 MHz - LAS VEGAS GROUND
GND - 121.90 MHz - LAS VEGAS GROUND	TWR - 128.80 MHz - LAS VEGAS TOWER
TWR - 118.75 MHz - LAS VEGAS TOWER	TWR - 119.90 MHz - LAS VEGAS TOWER
APP - 125.60 MHz - LAS VEGAS APPROACH	APP - 125.02 MHz - LAS VEGAS APPROACH
DEP - 125.90 MHz - LAS VEGAS DEPARTURE	DEP - 133.95 MHz - LAS VEGAS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	151 ft	14,525 ft	89.92	CONCRETE	2,152 ft	0 ft
	46 m	4,427 m	78.87		656 m	0 m
26R	151 ft	14,525 ft	269.95	CONCRETE	1,414 ft	374 ft
	46 m	4,427 m	258.90		431 m	114 m
08R	151 ft	10,535 ft	89.92	CONCRETE	0 ft	381 ft
	46 m	3,211 m	78.87		0 m	116 m
26L	151 ft	10,535 ft	269.94	CONCRETE	0 ft	381 ft
	46 m	3,211 m	258.89		0 m	116 m
01R	151 ft	9,779 ft	24.82	CONCRETE	486 ft	400 ft
	46 m	2,981 m	13.77		148 m	122 m
19L	151 ft	9,779 ft	204.83	CONCRETE	876 ft	394 ft
	46 m	2,981 m	193.78		267 m	120 m
01L	151 ft	8,998 ft	24.82	CONCRETE	584 ft	400 ft
	46 m	2,743 m	13.78		178 m	122 m
19R	151 ft	8,998 ft	204.83	CONCRETE	0 ft	0 ft
	46 m	2,743 m	193.78		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ICUA	110.10 MHz	18 nm	-	-	2,092 ft
				33 km	-		2,092 m
26R	DME	ILAS	110.30 MHz	18 nm	-	-	2,203 ft
				33 km	-		2,203 m
01L	LOC-ILS	ICUA	110.10 MHz	18 nm	24.83	-	2,180 ft
				33 km	13.78		2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm	269.93	-	2,180 ft
				33 km	258.88		2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm	269.94	-	2,180 ft
				33 km	258.89		2,180 m
01L	GS	ICUA	110.10 MHz	10 nm	24.83	3.40	2,180 ft
				19 km	13.78		2,180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	GS	IRLE	111.50 MHz	10 nm	269.93	3.00	2,180 ft
				19 km	258.88		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.89		2,180 m