

KLAS

Mc Carran Intl

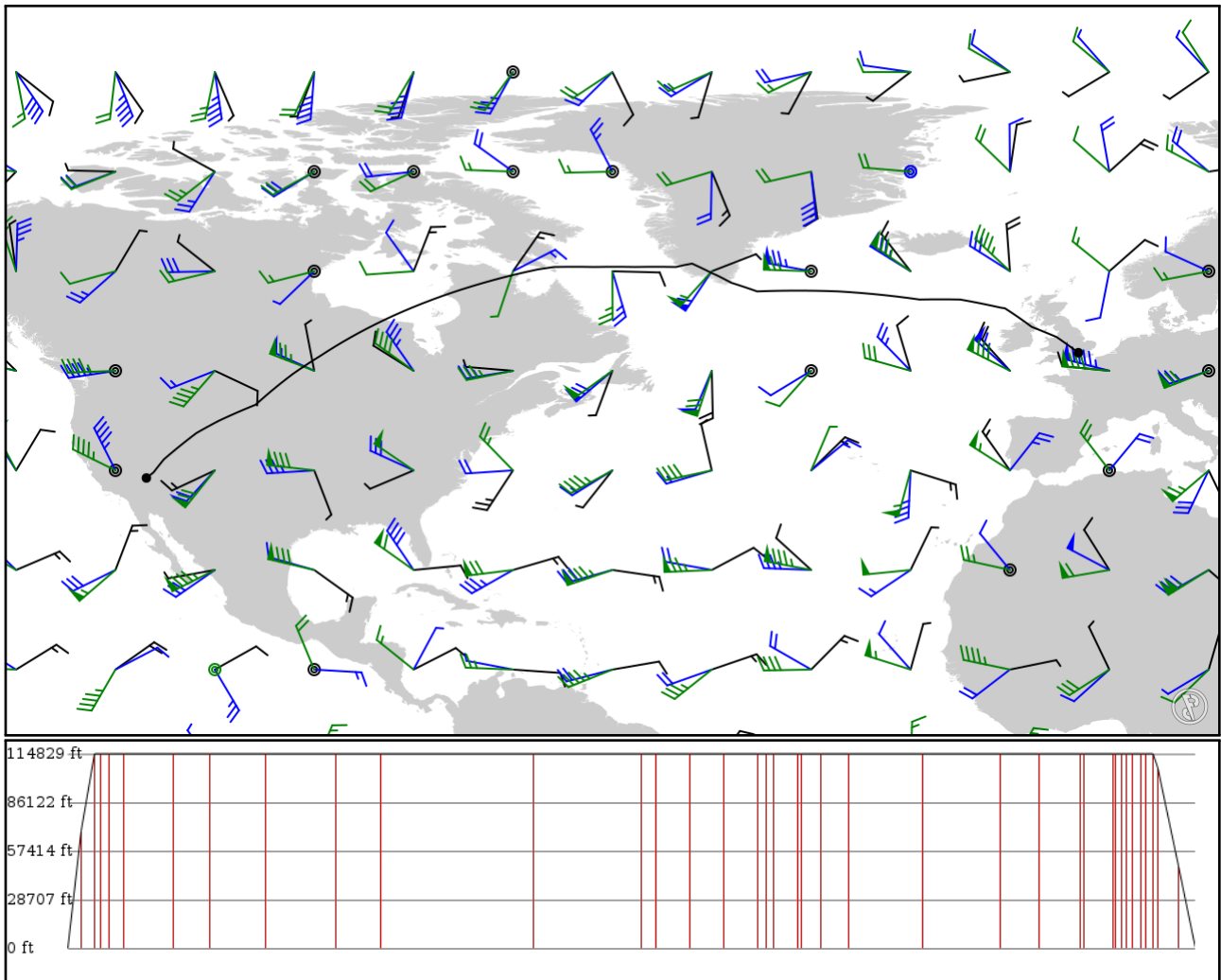
EGLL

London Heathrow

2024/05/03 1324Z

KLAS MMM V21 MLF J107 HML N532E FEDDY 6200N06500W 6200N06000W 6200N05500W 6200N05000W AUDUN W26
NA 6100N04500W OZN +59.000_--40.000 P +58.000_--15.000 GOMUP N573D GINGA UN570 BEL L10 RINGA UL10
IOM L10 KELLY UL10 HON EGLL

4677.40 nm / 8662.55 km



Notes

Using NAT tracks from 23/11/2017

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
KLAS	-	36.08097	0 ft	-	Mc Carran Intl
APT	-	-115.15345	0 m		
MMM	-	36.76928	21,100 ft	59	MORMON MESA VORTAC
DME	-	-114.27747	6,431 m		
URIAH	V21	37.50285	35,000 ft	51	-
FIX	AWY-LO	-113.70265	10,668 m		
BERYL	V21	37.90005	35,000 ft	28	-
FIX	AWY-LO	-113.38572	10,668 m		
MLF	V21	38.36036	35,000 ft	32	MILFORD VORTAC
VOR	AWY-LO	-113.01322	10,668 m		
URNW	J107	39.13418	35,000 ft	63	-
FIX	AWY-HI	-112.10414	10,668 m		
OCS	J107	41.59022	35,000 ft	204	ROCK SPRINGS VOR-DME
VOR	AWY-HI	-109.01533	10,668 m		
DDY	J107	43.09086	35,000 ft	151	MUDDY MOUNTAIN VOR-DME
DME	AWY-HI	-106.27702	10,668 m		
DPR	J107	45.07817	35,000 ft	230	DUPREE VORTAC
VOR	AWY-HI	-101.71508	10,668 m		
HML	J107	48.86919	35,000 ft	295	HUMBOLDT VORTAC
VOR	AWY-HI	-97.11708	10,668 m		
YRL	N532E	51.07139	35,000 ft	185	RED LAKE VOR-DME
DME	AWY-HI	-93.76194	10,668 m		
IRLAV	N532E	57.97417	35,000 ft	631	-
FIX	AWY-HI	-80.00000	10,668 m		
FEDDY	N532E	61.70000	35,000 ft	450	-
FIX	AWY-HI	-67.00000	10,668 m		
6200N06500W	-	62.00000	35,000 ft	59	-
LATLON	-	-65.00000	10,668 m		
6200N06000W	-	62.00000	35,000 ft	140	-
LATLON	-	-60.00000	10,668 m		
6200N05500W	-	62.00000	35,000 ft	140	-
LATLON	-	-55.00000	10,668 m		
6200N05000W	-	62.00000	35,000 ft	140	-
LATLON	-	-50.00000	10,668 m		
AUDUN	-	62.24611	35,000 ft	34	-
FIX	-	-48.89944	10,668 m		
KITAP	W26	62.41167	35,000 ft	27	-
FIX	AWY-LO	-47.99583	10,668 m		
NA	W26	61.17074	35,000 ft	104	NARSARSUAQ NDB
NDB	AWY-LO	-45.41295	10,668 m		
6100N04500W	-	61.00000	35,000 ft	15	-
LATLON	-	-45.00000	10,668 m		
OZN	-	60.05722	35,000 ft	78	PRINS CHRISTIAN SUND NDB
NDB	-	-43.15972	10,668 m		
+59.000_--40.000	-	59.00000	35,000 ft	115	-
LATLON	-	-40.00000	10,668 m		
+59.000_--30.000	P	59.00000	35,000 ft	309	-
LATLON	NAT	-30.00000	10,668 m		
+58.000_--20.000	P	58.00000	35,000 ft	319	-
LATLON	NAT	-20.00000	10,668 m		
+58.000_--15.000	P	58.00000	35,000 ft	159	-
LATLON	NAT	-15.00000	10,668 m		
GOMUP	-	57.00000	35,000 ft	172	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-10.00000	10,668 m		
GINGA FIX	N573D AWY-LO	56.92500 -9.50000	35,000 ft 10,668 m	16	-
BEL61 FIX	UN570 AWY-HI	55.39806 -7.23972	35,000 ft 10,668 m	118	-
BEL01 FIX	UN570 AWY-HI	55.25028 -7.03306	35,000 ft 10,668 m	11	-
DIMLI FIX	UN570 AWY-HI	54.94639 -6.61528	35,000 ft 10,668 m	23	-
BEL VOR	UN570 AWY-HI	54.66111 -6.23000	35,000 ft 10,668 m	21	BELFAST VOR-DME
RINGA FIX	L10 AWY-LO	54.39833 -5.57111	35,000 ft 10,668 m	27	-
IOM VOR	UL10 AWY-HI	54.06687 -4.76347	35,000 ft 10,668 m	34	ISLE OF MAN VOR-DME
KELLY FIX	L10 AWY-LO	53.90528 -4.36417	35,000 ft 10,668 m	17	-
PENIL FIX	UL10 AWY-HI	53.61611 -3.66361	35,000 ft 10,668 m	30	-
WAL VOR	UL10 AWY-HI	53.39194 -3.13444	32,400 ft 9,876 m	23	WALLASEY VOR-DME
HON VOR	UL10 AWY-HI	52.35667 -1.66361	14,800 ft 4,511 m	81	HONILEY VOR-DME
EGLL APT	- -	51.47122 -0.46098	0 ft 0 m	69	London Heathrow

KLAS

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

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.050 E

METAR

KLAS 031256Z 20005KT 10SM CLR 19/M06 A2978 RMK A02 SLP062 T01941056 \$

TAF

KLAS 031120Z 0312/0418 22008KT P6SM SKC FM031600 06007KT P6SM SKC FM032100 22011KT P6SM FEW120 FM040500 22008KT P

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	13.77		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

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 031250Z AUTO 25012KT 9999 -RA /////TCU 11/09 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 -RADZ

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