EGCC
Manchester Intl

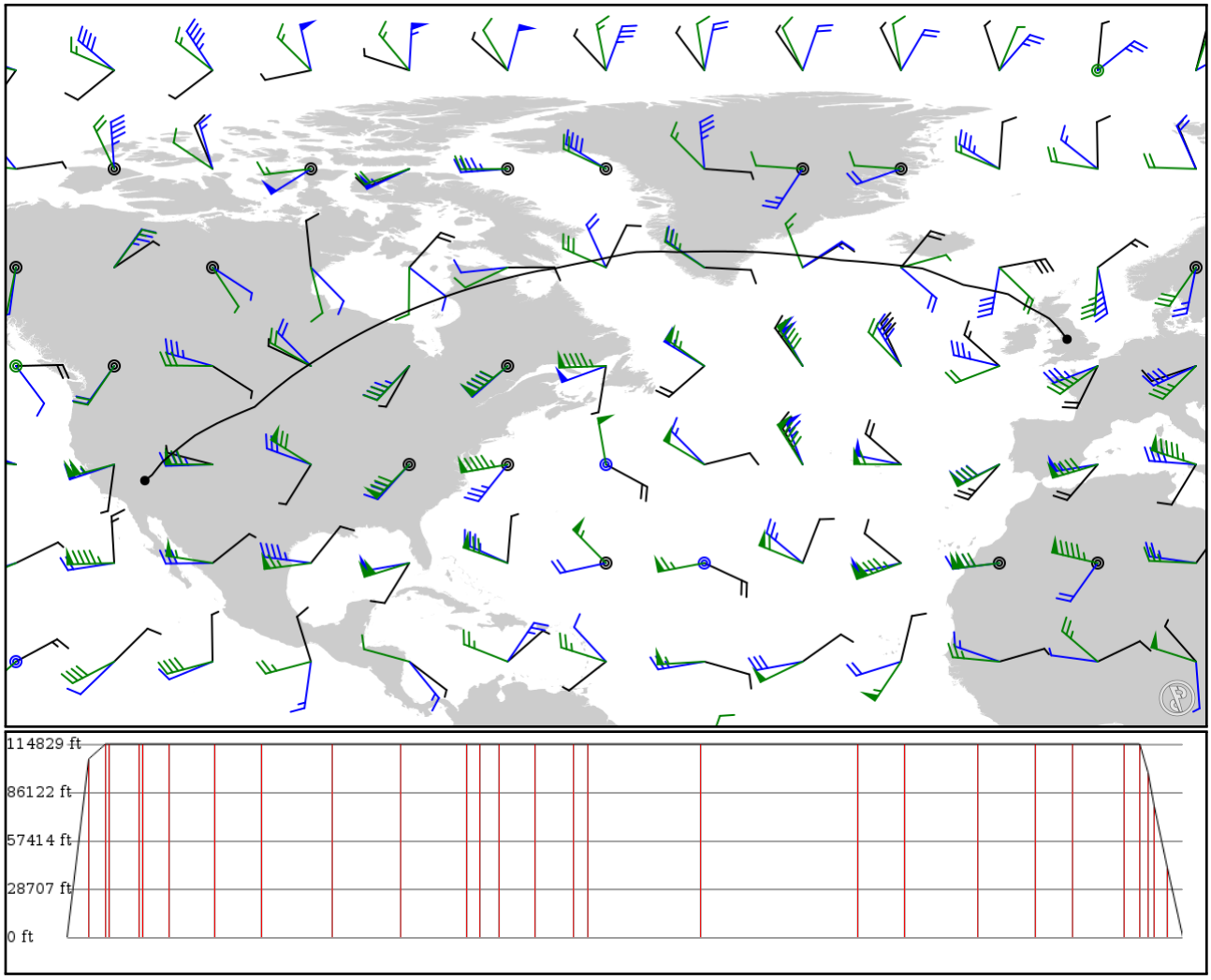
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KLAS
Mc Carran Intl

2024/03/28 1153Z

EGCC DCS **UN615** GOW **UN590** NINEX 6000N01500W +62.000_--20.000 **B** +64.000_--50.000 KU 6400N05500W 6300N06000W 6200N06500W FEDDY **N532E** HML **J107** MLF **V21** MMM KLAS

4476.09 nm / 8289.71 km



Notes

Using NAT tracks from 15/10/2017

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
EGCC APT	–	53.34714 -2.28395	0 ft 0 m	–	Manchester Intl
DCS VOR	–	54.72194 -3.34056	32,300 ft 9,845 m	90	DEAN CROSS VOR-DME
FENIK FIX	UN615 AWY-HI	55.71528 -4.29194	35,000 ft 10,668 m	67	–
GOW VOR	UN615 AWY-HI	55.87050 -4.44573	35,000 ft 10,668 m	10	GLASGOW VOR-DME
SUPIT FIX	UN590 AWY-HI	57.33250 -7.08500	35,000 ft 10,668 m	123	–
BEN VOR	UN590 AWY-HI	57.47794 -7.36530	35,000 ft 10,668 m	12	BENBECULA VOR-DME
NINEX FIX	UN590 AWY-HI	58.85556 -9.50000	35,000 ft 10,668 m	106	–
6000N01500W LATLON	–	60.00000 -15.00000	35,000 ft 10,668 m	181	–
+62.000_--20.000 LATLON	–	62.00000 -20.00000	35,000 ft 10,668 m	188	–
+63.000_--30.000 LATLON	B NAT	63.00000 -30.00000	35,000 ft 10,668 m	283	–
+64.000_--40.000 LATLON	B NAT	64.00000 -40.00000	35,000 ft 10,668 m	274	–
+64.000_--50.000 LATLON	B NAT	64.00000 -50.00000	35,000 ft 10,668 m	263	–
KU NDB	–	64.07000 -52.01306	35,000 ft 10,668 m	53	KOOK ISLANDS NDB
6400N05500W LATLON	–	64.00000 -55.00000	35,000 ft 10,668 m	78	–
6300N06000W LATLON	–	63.00000 -60.00000	35,000 ft 10,668 m	146	–
6200N06500W LATLON	–	62.00000 -65.00000	35,000 ft 10,668 m	151	–
FEDDY FIX	–	61.70000 -67.00000	35,000 ft 10,668 m	59	–
IRLAV FIX	N532E AWY-HI	57.97417 -80.00000	35,000 ft 10,668 m	450	–
YRL DME	N532E AWY-HI	51.07139 -93.76194	35,000 ft 10,668 m	631	RED LAKE VOR-DME
HML VOR	N532E AWY-HI	48.86919 -97.11708	35,000 ft 10,668 m	185	HUMBOLDT VORTAC
DPR VOR	J107 AWY-HI	45.07817 -101.71508	35,000 ft 10,668 m	295	DUPREE VORTAC
DDY DME	J107 AWY-HI	43.09086 -106.27702	35,000 ft 10,668 m	230	MUDDY MOUNTAIN VOR-DME
OCS VOR	J107 AWY-HI	41.59022 -109.01533	35,000 ft 10,668 m	151	ROCK SPRINGS VOR-DME
URNUW FIX	J107 AWY-HI	39.13418 -112.10414	35,000 ft 10,668 m	204	–
MLF VOR	J107 AWY-HI	38.36036 -113.01322	35,000 ft 10,668 m	63	MILFORD VORTAC
BERYL FIX	V21 AWY-LO	37.90005 -113.38572	29,800 ft 9,083 m	32	–
URIAH	V21	37.50285	23,800 ft	28	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-113.70265	7,254 m		
MMM	V21	36.76928	12,600 ft	51	MORMON MESA VORTAC
DME	AWY-LO	-114.27747	3,840 m		
KLAS	-	36.08097	0 ft	59	Mc Carran Intl
APT	-	-115.15345	0 m		

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.477 W

METAR

EGCC 281120Z AUTO 15008KT 080V210 9999 SCT030 09/02 Q0974

TAF

TAF EGCC 280501Z 2806/2912 12010KT 6000 RA BKN010 BECMG 2806/2809 18012KT 9999 NSW SCT022 BECMG 2811/2814 13016G2

Frequencies

REC - 113.55 MHz - ATIS ARRIVAL
TWR - 119.40 MHz - MANCHESTER TOWER
GND - 121.85 MHz - MANCHESTER GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - MANCHESTER APPROACH

REC - 121.90 MHz - ATIS DEPARTURE
TWR - 118.60 MHz - MANCHESTER TOWER
GND - 121.75 MHz - MANCHESTER GROUND
APP - 135.00 MHz - MANCHESTER APPROACH
APP - 121.35 MHz - MANCHESTER DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft 46 m	9,980 ft 3,042 m	51.00 51.47	ASPHALT	1,401 ft 427 m	0 ft 0 m
23R	151 ft 46 m	9,980 ft 3,042 m	231.03 231.50	ASPHALT	597 ft 182 m	200 ft 61 m
05R	144 ft 44 m	10,519 ft 3,206 m	50.98 51.45	ASPHALT	0 ft 0 m	0 ft 0 m
23L	144 ft 44 m	10,519 ft 3,206 m	231.00 231.48	ASPHALT	1,093 ft 333 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IMM	109.50 MHz	18 nm 33 km	- -	-	294 ft 294 m
05R	DME	IMC	111.55 MHz	18 nm 33 km	- -	-	212 ft 212 m
23R	DME	INN	109.50 MHz	18 nm 33 km	- -	-	294 ft 294 m
05L	LOC-ILS	IMM	109.50 MHz	18 nm 33 km	51.03 51.51	-	257 ft 257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm 33 km	51.01 51.48	-	257 ft 257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm 33 km	230.98 231.45	-	257 ft 257 m
05L	GS	IMM	109.50 MHz	10 nm 19 km	51.01 51.49	3.00	257 ft 257 m
05R	GS	IMC	111.55 MHz	10 nm 19 km	51.97 52.45	3.00	257 ft 257 m
23R	GS	INN	109.50 MHz	10 nm 19 km	231.01 231.49	3.00	257 ft 257 m

KLAS

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

Elevation: 2,180 ft / 664 m
Location: 36.080700 -115.153000
Magnetic Var: 11.059 E

METAR

KLAS 281056Z 17010G19KT 10SM FEW250 16/M01 A2995 RMK AO2 SLP127 T01611006

TAF

TAF AMD KLAS 280844Z 2809/2912 19011G20KT P6SM SCT200 FM281500 23020G32KT P6SM BKN200 FM290300 24014G24KT P6SM SC

Frequencies

REC - 132.40 MHz - D-ATIS
CLD - 118.00 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - LAS VEGAS GROUND
TWR - 118.75 MHz - LAS VEGAS TOWER
APP - 125.60 MHz - LAS VEGAS APPROACH
DEP - 125.90 MHz - LAS VEGAS DEPARTURE

COM - 122.95 MHz - UNICOM
GND - 121.10 MHz - LAS VEGAS GROUND
TWR - 128.80 MHz - LAS VEGAS TOWER
TWR - 119.90 MHz - LAS VEGAS TOWER
APP - 125.02 MHz - LAS VEGAS APPROACH
DEP - 133.95 MHz - LAS VEGAS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	151 ft 46 m	14,525 ft 4,427 m	89.92 78.86	CONCRETE	2,152 ft 656 m	0 ft 0 m
26R	151 ft 46 m	14,525 ft 4,427 m	269.95 258.89	CONCRETE	1,414 ft 431 m	374 ft 114 m
08R	151 ft 46 m	10,535 ft 3,211 m	89.92 78.86	CONCRETE	0 ft 0 m	381 ft 116 m
26L	151 ft 46 m	10,535 ft 3,211 m	269.94 258.88	CONCRETE	0 ft 0 m	381 ft 116 m
01R	151 ft 46 m	9,779 ft 2,981 m	24.82 13.76	CONCRETE	486 ft 148 m	400 ft 122 m
19L	151 ft 46 m	9,779 ft 2,981 m	204.83 193.77	CONCRETE	876 ft 267 m	394 ft 120 m
01L	151 ft 46 m	8,998 ft 2,743 m	24.82 13.76	CONCRETE	584 ft 178 m	400 ft 122 m
19R	151 ft 46 m	8,998 ft 2,743 m	204.83 193.77	CONCRETE	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ICUA	110.10 MHz	18 nm 33 km	- -	-	2,092 ft 2,092 m
26R	DME	ILAS	110.30 MHz	18 nm 33 km	- -	-	2,203 ft 2,203 m
01L	LOC-ILS	ICUA	110.10 MHz	18 nm 33 km	24.83 13.77	-	2,180 ft 2,180 m
26L	LOC-ILS	IRLE	111.50 MHz	18 nm 33 km	269.93 258.87	-	2,180 ft 2,180 m
26R	LOC-ILS	ILAS	110.30 MHz	18 nm 33 km	269.94 258.88	-	2,180 ft 2,180 m
01L	GS	ICUA	110.10 MHz	10 nm 19 km	24.83 13.77	3.40	2,180 ft 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	258.87		2,180 m
26R	GS	ILAS	110.30 MHz	10 nm	269.94	3.00	2,180 ft
				19 km	258.88		2,180 m