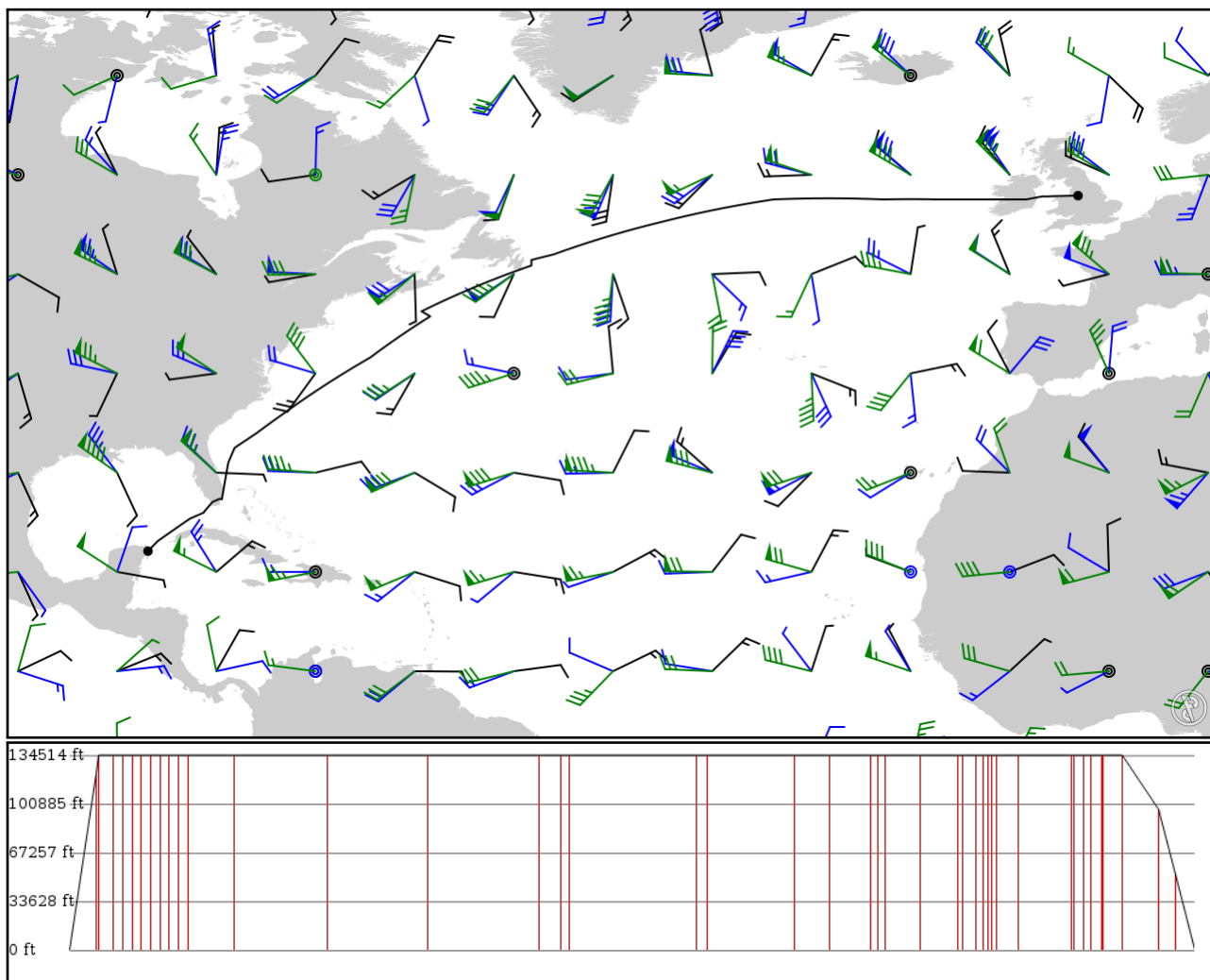


2024/05/16 0613Z

EGCC LOMVO DEXEN 5300N0700W 5300N0800W 5300N0900W 5300N1000W 5300N1100W 5300N1200W  
5300N1300W 5300N1400W MALOT **G** 53/30 **F** NICSO OMSAT **N167A** GAYBL NOVOK **M201** BAHAA **AR15** HIBAC **AR17**  
VKZ DHP **J79** EYW FIS **B646** CANOA **UB879** NOSAT MMUN

4359.36 nm / 8073.54 km



## Notes

Using NAT tracks from 1/3/2024

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 41000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes

- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGCC	-	53.34740	0 ft	-	Manchester
APT	-	-2.28348	0 m		
LOMVO	-	53.27110	37,100 ft	104	-
FIX	-	-5.17944	11,308 m		
DEXEN	-	53.28030	41,000 ft	11	-
FIX	-	-5.50000	12,497 m		
5300N0700W	-	53.00000	41,000 ft	56	-
LATLON	-	-7.00000	12,497 m		
5300N0800W	-	53.00000	41,000 ft	36	-
LATLON	-	-8.00000	12,497 m		
5300N0900W	-	53.00000	41,000 ft	36	-
LATLON	-	-9.00000	12,497 m		
5300N1000W	-	53.00000	41,000 ft	36	-
LATLON	-	-10.00000	12,497 m		
5300N1100W	-	53.00000	41,000 ft	36	-
LATLON	-	-11.00000	12,497 m		
5300N1200W	-	53.00000	41,000 ft	36	-
LATLON	-	-12.00000	12,497 m		
5300N1300W	-	53.00000	41,000 ft	36	-
LATLON	-	-13.00000	12,497 m		
5300N1400W	-	53.00000	41,000 ft	36	-
LATLON	-	-14.00000	12,497 m		
MALOT	-	53.00000	41,000 ft	36	-
FIX	-	-15.00000	12,497 m		
53/20	G	53.00000	41,000 ft	180	-
LATLON	NAT	-20.00000	12,497 m		
53/30	G	53.00000	41,000 ft	361	-
LATLON	NAT	-30.00000	12,497 m		
51/40	F	51.00000	41,000 ft	388	-
LATLON	NAT	-40.00000	12,497 m		
48/50	F	48.00000	41,000 ft	429	-
LATLON	NAT	-50.00000	12,497 m		
NICSO	F	47.50000	41,000 ft	86	-
FIX	NAT	-52.00000	12,497 m		
OMSAT	-	47.00000	41,000 ft	30	-
FIX	-	-52.00000	12,497 m		
GAYBL	N167A	42.83330	41,000 ft	492	-
FIX	AWY-HI	-62.00000	12,497 m		
NOVOK	-	42.38160	41,000 ft	44	-
FIX	-	-61.20160	12,497 m		
DRYED	M201	38.63230	41,000 ft	336	-
FIX	AWY-HI	-66.66750	12,497 m		
TILED	M201	37.26610	41,000 ft	136	-
FIX	AWY-HI	-68.97330	12,497 m		
ATUGI	M201	35.63850	41,000 ft	157	-
FIX	AWY-HI	-71.52670	12,497 m		
VEGAA	M201	35.32320	41,000 ft	29	-
FIX	AWY-HI	-72.00000	12,497 m		
PAEPR	M201	35.04200	41,000 ft	26	-
FIX	AWY-HI	-72.41660	12,497 m		
GALWY	M201	33.58340	41,000 ft	134	-
FIX	AWY-HI	-74.48670	12,497 m		
EMQUE	M201	31.99910	41,000 ft	146	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-76.68660	12,497 m		
HANRI	M201	31.76460	41,000 ft	21	-
FIX	AWY-HI	-77.00000	12,497 m		
PERIE	M201	31.22860	41,000 ft	51	-
FIX	AWY-HI	-77.79690	12,497 m		
LANIE	M201	30.94160	41,000 ft	28	-
FIX	AWY-HI	-78.23560	12,497 m		
EMCEE	M201	30.79270	41,000 ft	14	-
FIX	AWY-HI	-78.45920	12,497 m		
JENKS	M201	30.63540	41,000 ft	15	-
FIX	AWY-HI	-78.69540	12,497 m		
BAHAA	M201	30.42300	41,000 ft	20	-
FIX	AWY-HI	-78.99470	12,497 m		
HIBAC	AR15	29.09410	41,000 ft	85	-
FIX	AWY-HI	-79.56800	12,497 m		
VKZ	AR17	25.75190	41,000 ft	203	VIRGINIA KEY
VOR	AWY-HI	-80.15440	12,497 m		
DHP	-	25.80000	41,000 ft	10	DOLPHIN (MIAMI)
VOR	-	-80.34900	12,497 m		
DVALL	J79	25.51470	41,000 ft	39	-
FIX	AWY-HI	-80.99900	12,497 m		
CARNU	J79	25.13840	41,000 ft	28	-
FIX	AWY-HI	-81.32560	12,497 m		
EYW	J79	24.58590	41,000 ft	42	KEY WEST
VOR	AWY-HI	-81.80050	12,497 m		
FIS	-	24.54830	41,000 ft	2	FISH HOOK (KEY WEST)
NDB	-	-81.78640	12,497 m		
CANOA	B646	24.00040	41,000 ft	76	-
FIX	AWY-HI	-83.04980	12,497 m		
MUPKI	UB879	22.60690	29,600 ft	138	-
FIX	AWY-HI	-85.06190	9,022 m		
NOSAT	UB879	21.96360	15,900 ft	64	-
FIX	AWY-HI	-85.98110	4,846 m		
MMUN	-	21.04210	0 ft	74	Cancun Intl
APT	-	-86.87350	0 m		

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.456 W

## METAR

EGCC 160550Z 07003KT 9000 VCFG FEW015 11/11 Q1006

## TAF

TAF EGCC 160500Z 1606/1712 09005KT 9999 SCT045 PROB30 TEMPO 1606/1612 5000 -RADZ BR BKN014 BECMG 1609/1612 03010KT

## Frequencies

REC - 113.55 MHz - ATIS ARRIVAL	REC - 121.90 MHz - ATIS DEPARTURE
TWR - 119.40 MHz - MANCHESTER TOWER	TWR - 118.60 MHz - MANCHESTER TOWER
GND - 121.85 MHz - MANCHESTER GROUND	GND - 121.75 MHz - MANCHESTER GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY	APP - 135.00 MHz - MANCHESTER APPROACH
APP - 118.50 MHz - MANCHESTER APPROACH	APP - 121.35 MHz - MANCHESTER DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	9,980 ft	51.00	ASPHALT	1,401 ft	0 ft
	46 m	3,042 m	51.45		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.48		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.43		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.46		333 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IMM	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05R	DME	IMC	111.55 MHz	18 nm	-	-	212 ft
				33 km	-		212 m
23R	DME	INN	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05L	LOC-ILS	IMM	109.50 MHz	18 nm	51.03	-	257 ft
				33 km	51.49		257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm	51.01	-	257 ft
				33 km	51.46		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.43		257 m
05L	GS	IMM	109.50 MHz	10 nm	51.01	3.00	257 ft
				19 km	51.47		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.43		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.47		257 m

## MMUN

Region: MEXICO  
Timezone: AMERICA/CANCUN  
Runways: 2

Elevation: 22 ft / 7 m  
Location: 21.042100 -86.873500  
Magnetic Var: 2.722 W

## METAR

UNKNOWN

## TAF

TAF MMUN 160521Z 1606/1706 15005KT P6SM SCT015 TX32/1621Z TN27/1613Z FM161400 15015KT P6SM SCT015 FM162000 13010KT

## Frequencies

REC - 127.70 MHz - ATIS	REC - 122.30 MHz - CANCUN INFO
GND - 121.00 MHz - CANCUN GROUND	GND - 121.70 MHz - CANCUN GROUND
TWR - 118.10 MHz - CANCUN TOWER	TWR - 118.60 MHz - CANCUN TOWER
CLD - 122.10 MHz - CLEARANCE DELIVERY	APP - 124.70 MHz - CANCUN APPROACH
APP - 123.20 MHz - CANCUN ARRIVAL	DEP - 124.20 MHz - CANCUN DEPARTURE
DEP - 123.50 MHz - CANCUN DEPARTURE	GND - 130.50 MHz - GENERAL AVIATION RAMP CONTROL
APP - 125.20 MHz - MERIDA CONTROL	APP - 125.80 MHz - MERIDA CONTROL
APP - 128.00 MHz - MERIDA CONTROL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	190 ft	11,550 ft	123.85	ASPHALT	0 ft	476 ft
	58 m	3,520 m	126.57		0 m	145 m
30L	190 ft	11,550 ft	303.86	ASPHALT	0 ft	443 ft
	58 m	3,520 m	306.58		0 m	135 m
12L	148 ft	9,189 ft	123.84	ASPHALT	0 ft	72 ft
	45 m	2,801 m	126.56		0 m	22 m
30R	148 ft	9,189 ft	303.84	ASPHALT	0 ft	98 ft
	45 m	2,801 m	306.57		0 m	30 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	INCP	110.70 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
12R	DME	ICUN	111.10 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
12L	LOC-ILS	INCP	110.70 MHz	18 nm	123.84	-	21 ft
				33 km	126.56		21 m
12R	LOC-ILS	ICUN	111.10 MHz	18 nm	123.85	-	21 ft
				33 km	126.57		21 m
12L	GS	INCP	110.70 MHz	10 nm	123.84	3.00	21 ft
				19 km	126.56		21 m
12R	GS	ICUN	111.10 MHz	10 nm	123.85	3.00	21 ft
				19 km	126.57		21 m