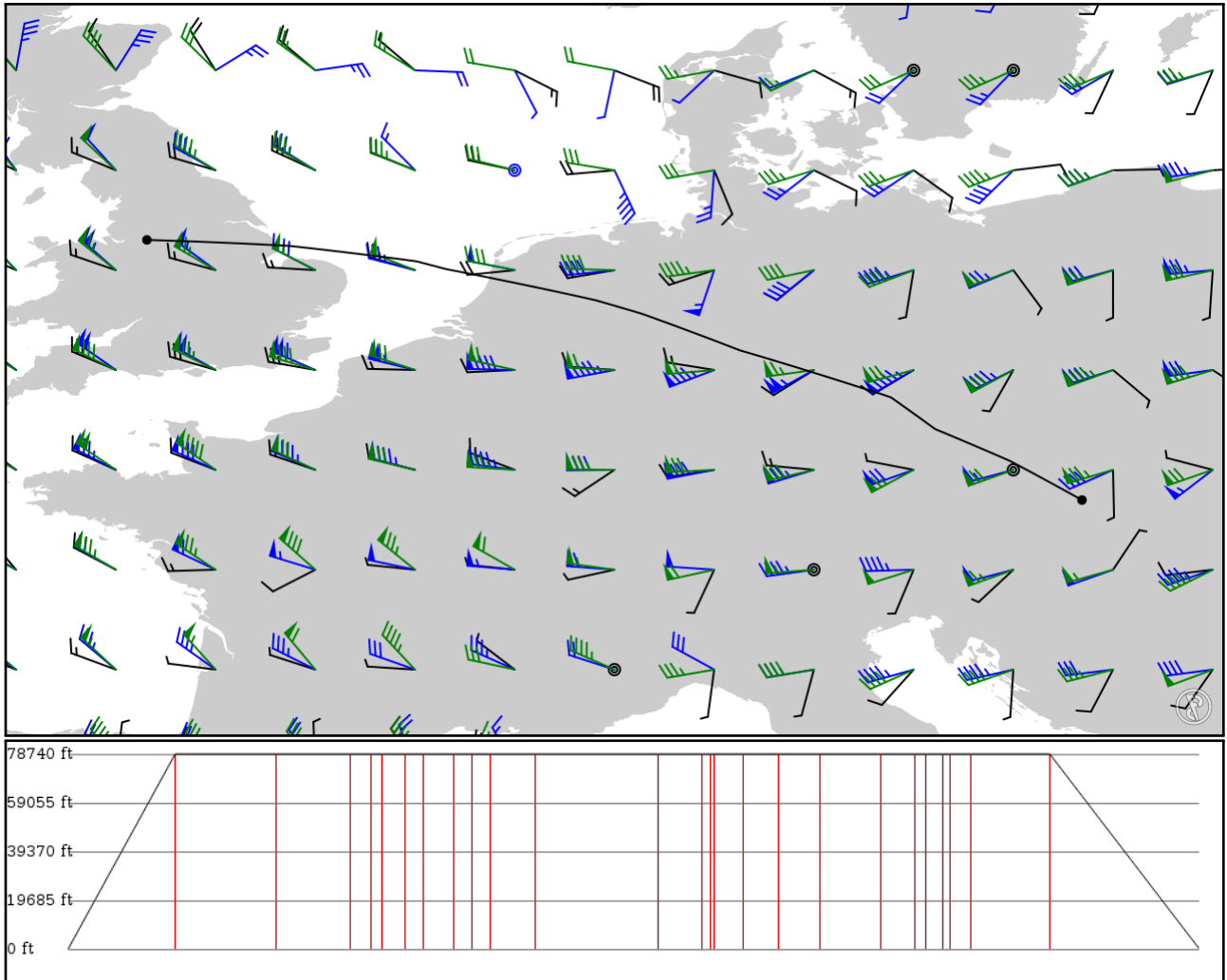


2024/05/01 0745Z

LOWW DITIS M174 NEPUX T170 SOPGA L602 VARIK UL602 SPY UY70 RAVLO Y70 SUPEL EGCC

788.21 nm / 1459.76 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 24000ft
- Cruise Speed: 320kts
- 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
LOWW APT	-	48.11010 16.56960	0 ft 0 m	-	Vienna
DITIS FIX	-	48.89800 15.11640	24,000 ft 7,315 m	74	-
NEPUX FIX	M174 AWY-HI	49.53820 13.60980	24,000 ft 7,315 m	70	-
SOPGA FIX	T170 AWY-HI	50.17700 12.71880	24,000 ft 7,315 m	51	-
VARIK FIX	L602 AWY-HI	50.29110 12.38110	24,000 ft 7,315 m	14	-
PEROX FIX	UL602 AWY-HI	50.34470 12.19940	24,000 ft 7,315 m	7	-
SODRO FIX	UL602 AWY-HI	50.46470 11.82720	24,000 ft 7,315 m	15	-
TABAT FIX	UL602 AWY-HI	50.55850 11.53120	24,000 ft 7,315 m	12	-
BAMKI FIX	UL602 AWY-HI	50.71810 11.02020	24,000 ft 7,315 m	21	-
TAMEB FIX	UL602 AWY-HI	50.80780 10.73000	24,000 ft 7,315 m	12	-
ROBEL FIX	UL602 AWY-HI	50.89750 10.43510	24,000 ft 7,315 m	12	-
KEMAD FIX	UL602 AWY-HI	51.12360 9.67500	24,000 ft 7,315 m	31	-
HMM VOR	UL602 AWY-HI	51.85690 7.70829	24,000 ft 7,315 m	85	HAMM
REBGU FIX	UL602 AWY-HI	52.07360 6.97056	24,000 ft 7,315 m	30	-
RELBI FIX	UL602 AWY-HI	52.11830 6.81361	24,000 ft 7,315 m	6	-
RKN DME	UL602 AWY-HI	52.13320 6.76388	24,000 ft 7,315 m	2	REKKEN VOR-DME
TENLI FIX	UL602 AWY-HI	52.24650 6.25014	24,000 ft 7,315 m	20	-
FLEVO FIX	UL602 AWY-HI	52.38530 5.60217	24,000 ft 7,315 m	25	-
SPY VOR	UL602 AWY-HI	52.54030 4.85378	24,000 ft 7,315 m	28	SPIJKERBOOR
MONIL FIX	UY70 AWY-HI	52.76080 3.74664	24,000 ft 7,315 m	42	-
RAVLO FIX	UY70 AWY-HI	52.91690 3.14820	24,000 ft 7,315 m	23	-
KUBAX FIX	Y70 AWY-HI	52.94280 2.95361	24,000 ft 7,315 m	7	-
BEKMO FIX	Y70 AWY-HI	52.98610 2.61944	24,000 ft 7,315 m	12	-
SONOL FIX	Y70 AWY-HI	53.00140 2.50000	24,000 ft 7,315 m	4	-
BODSO FIX	Y70 AWY-HI	53.05220 2.09472	24,000 ft 7,315 m	14	-
SUPEL FIX	Y70 AWY-HI	53.22780 0.59111	24,000 ft 7,315 m	55	-
EGCC APT	-	53.34740 -2.28348	0 ft 0 m	103	Manchester

## LOWW

Region: AUSTRIA  
Timezone: EUROPE/VIENNA  
Runways: 2

Elevation: 600 ft / 183 m  
Location: 48.110100 16.569600  
Magnetic Var: 5.011 E

## METAR

LOWW 010720Z 15017KT 9999 FEW036 SCT040 17/09 Q1016 NOSIG

## TAF

TAF LOWW 010515Z 0106/0212 14010KT CAVOK TX21/0114Z TN14/0203Z TEMPO 0108/0117 16020G32KT TEMPO 0203/0207 -RA

## Frequencies

REC - 122.95 MHz - ATIS ARRIVAL	REC - 121.72 MHz - ATIS DEPARTURE
TWR - 124.47 MHz - WIEN TOWER	TWR - 123.80 MHz - WIEN TOWER
TWR - 121.20 MHz - WIEN TOWER	TWR - 119.40 MHz - WIEN TOWER
GND - 121.77 MHz - WIEN GROUND	GND - 121.60 MHz - WIEN GROUND
CLD - 122.12 MHz - CLEARANCE DELIVERY	APP - 134.67 MHz - WIEN RADAR
APP - 125.17 MHz - WIEN RADAR	APP - 129.05 MHz - WIEN RADAR
APP - 118.77 MHz - WIEN RADAR	APP - 136.25 MHz - WIEN RADAR
APP - 119.80 MHz - WIEN DIRECTOR	APP - 134.12 MHz - WIEN DIRECTOR
REC - 118.52 MHz - WIEN INFORMATION	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	148 ft	11,822 ft	164.23	ASPHALT	0 ft	197 ft
	45 m	3,604 m	159.22		0 m	60 m
34	148 ft	11,822 ft	344.24	ASPHALT	0 ft	194 ft
	45 m	3,604 m	339.23		0 m	59 m
11	148 ft	11,495 ft	115.99	ASPHALT	0 ft	174 ft
	45 m	3,504 m	110.98		0 m	53 m
29	148 ft	11,495 ft	296.02	ASPHALT	0 ft	187 ft
	45 m	3,504 m	291.01		0 m	57 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	OEW	110.30 MHz	18 nm	-	-	593 ft
				33 km	-		593 m
16	DME	O EZ	108.50 MHz	18 nm	-	-	610 ft
				33 km	-		610 m
29	DME	O EX	109.55 MHz	18 nm	-	-	624 ft
				33 km	-		624 m
34	DME	O EN	108.10 MHz	18 nm	-	-	572 ft
				33 km	-		572 m
11	LOC-ILS	OEW	110.30 MHz	18 nm	116.04	-	600 ft
				33 km	111.03		600 m
16	LOC-ILS	O EZ	108.50 MHz	18 nm	164.25	-	600 ft
				33 km	159.24		600 m
29	LOC-ILS	O EX	109.55 MHz	18 nm	295.98	-	600 ft
				33 km	290.97		600 m
34	LOC-ILS	O EN	108.10 MHz	18 nm	344.21	-	600 ft
				33 km	339.20		600 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	GS	OEW	110.30 MHz	10 nm	116.02	3.10	593 ft
				19 km	111.01		593 m
16	GS	OEZ	108.50 MHz	10 nm	164.47	3.00	610 ft
				19 km	159.46		610 m
29	GS	OEX	109.55 MHz	10 nm	296.02	3.00	624 ft
				19 km	291.01		624 m
34	GS	OEN	108.10 MHz	10 nm	344.47	3.00	604 ft
				19 km	339.46		604 m

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.462 W

## METAR

EGCC 010720Z VRB02KT 9000 SCT016 12/10 Q1009

## TAF

TAF EGCC 010457Z 0106/0212 12005KT 9999 FEW030 TEMPO 0106/0108 8000 BKN011 PROB30 TEMPO 0106/0108 4000 BR PROB30 T

## 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	51.46		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.49		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.44		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.47		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	51.47		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.44		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