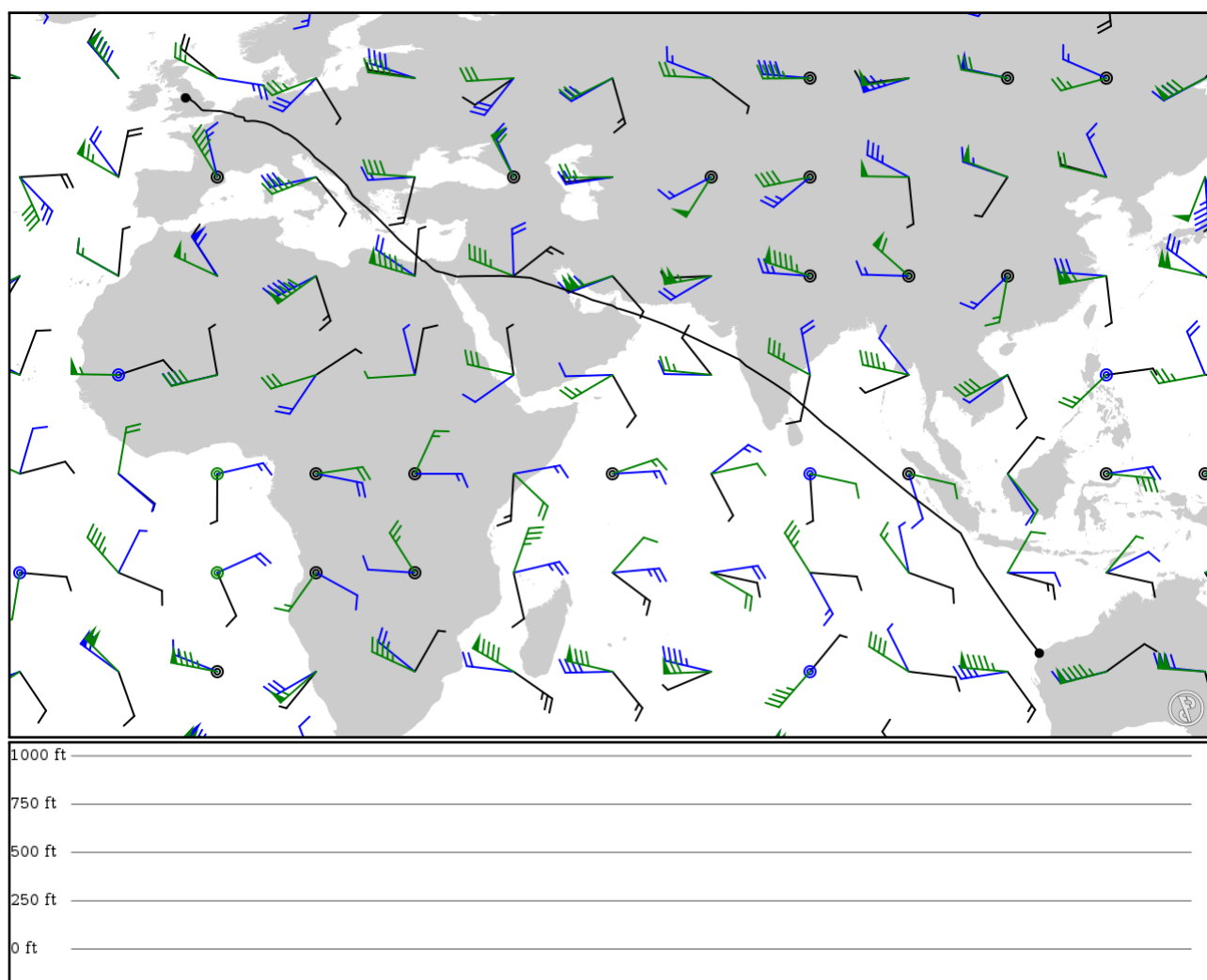


2024/05/08 1855Z

YPLM FF18 IDOKU MALBI XMX MUPAP ELDEM OBMAT NISOK SULEN ANSAS DUGOS ADKIT MMV ANIRO VINEP LATID
 BBI IGMAR EPKOS BEKUT SUGID PARAR KIPOL RAGMA SODEB VUSET BORER PASOV PUXIL GISMO MIVEK IMPED
 RUKOR IVOXI MITIX RIDAP OTIKI TOTKU GODKI RALMI TUMAK VEDOM VELAK LABOP ALTOM ALMOK VEDOS MOGAS
 RAKAK RAMSI DAROR COPPI DUSBO HFR VATIM RASMO ORSAL TOLDI NORGI ULAKO NIMAR ENABI ASTUM OBNK
 EGSIS KITOT NWB SISIK MENLI CVO MENKU NOZ TANSA AMAXI VEGES GOSEX DIRMI RESTI ALANI KOR RIMAX
 XANIS YNN TUMBO TRN MSR TNJ MG VIW LATLO UNKEN ROTAX EBEDA OLETU WLD BURAM XERUM ANORA LEVBU DKB
 PIGAB ELMOX HAREM MOVUM RUDUS UBIDU EMGOD ROPUV OGLOR ETENO SOPOK LNO TERLA SOGRI BUB NIK COA
 KEGIT SASKI GILTI ERING TOBIX TUGPO TERKO SIRGO FERIT LAM BPK POTON BEDFO EBOTO PIPIN LESTA TUMTI
 XAPOS EVSON BOLBI DESIG DENBY FR24R D052G 30VOR D052A EGCC

7974.89 nm / 14769.50 km



Notes

Requested: YPLM FF18 IDOKU MALBI XMX MUPAP ELDEM OBMAT PAKRA NISOK SULEN ANSAS DUGOS ADKIT MMV ANIRO VINEP LATID B
 Unmatched points: PAKRA UMEKO NORG ORLUP BOPOV GITBO EGREX KURKA LAKSI ITUDA IVOBA SOBAX NABSI PIBUX

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
YPLM	-	-22.23360	0 ft	-	Learmonth
APT	-	114.09000	0 m		
FF18	-	-22.15130	0 ft	4	-
FIX	-	114.09000	0 m		
IDOKU	-	-18.25910	0 ft	287	-
FIX	-	111.11400	0 m		
MALBI	-	-14.49980	0 ft	272	-
FIX	-	108.45100	0 m		
XXM	-	-10.43020	0 ft	293	CHRISTMAS ISLAND VOR-DME
DME	-	105.69000	0 m		
MUPAP	-	-7.83138	0 ft	174	-
FIX	-	104.36400	0 m		
ELDEM	-	-5.88167	0 ft	131	-
FIX	-	103.35500	0 m		
OBMAT	-	-1.59350	0 ft	426	-
FIX	-	97.68780	0 m		
NISOK	-	3.04833	0 ft	440	-
FIX	-	92.00000	0 m		
SULEN	-	4.41000	0 ft	126	-
FIX	-	90.39830	0 m		
ANSAS	-	7.55167	0 ft	296	-
FIX	-	86.56330	0 m		
DUGOS	-	8.88500	0 ft	131	-
FIX	-	84.79810	0 m		
ADKIT	-	10.63280	0 ft	155	-
FIX	-	82.85610	0 m		
MMV	-	12.98770	0 ft	212	CHENNAI
VOR	-	80.15500	0 m		
ANIRO	-	14.03610	0 ft	110	-
FIX	-	78.60830	0 m		
VINEP	-	14.27830	0 ft	25	-
FIX	-	78.24060	0 m		
LATID	-	14.47640	0 ft	20	-
FIX	-	77.94890	0 m		
BBI	-	15.16500	0 ft	74	BELLARY
VOR	-	76.88060	0 m		
IGMAR	-	15.72170	0 ft	61	-
FIX	-	75.99890	0 m		
EPKOS	-	16.88560	0 ft	128	-
FIX	-	74.12030	0 m		
BEKUT	-	17.72250	0 ft	72	-
FIX	-	73.21810	0 m		
SUGID	-	19.55080	0 ft	245	-
FIX	-	69.34970	0 m		
PARAR	-	22.44170	0 ft	390	-
FIX	-	63.11670	0 m		
KIPOL	-	23.06940	0 ft	97	-
FIX	-	61.48420	0 m		
RAGMA	-	23.38360	0 ft	49	-
FIX	-	60.64610	0 m		
SODEB	-	23.79640	0 ft	67	-
FIX	-	59.50640	0 m		
VUSET	-	23.92780	0 ft	21	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	59.13670	0 m		
BORER	-	24.43970	0 ft	94	-
FIX	-	57.51320	0 m		
PASOV	-	24.64470	0 ft	38	-
FIX	-	56.84360	0 m		
PUXIL	-	24.68800	0 ft	17	-
FIX	-	56.52910	0 m		
GISMO	-	24.79530	0 ft	10	-
FIX	-	56.37670	0 m		
MIVEK	-	24.87780	0 ft	8	-
FIX	-	56.25440	0 m		
IMPED	-	24.97350	0 ft	11	-
FIX	-	56.06840	0 m		
RUKOR	-	25.13970	0 ft	19	-
FIX	-	55.76750	0 m		
IVOXI	-	25.21100	0 ft	19	-
FIX	-	55.42030	0 m		
MITIX	-	25.29620	0 ft	16	-
FIX	-	55.12490	0 m		
RIDAP	-	25.43160	0 ft	28	-
FIX	-	54.61700	0 m		
OTIKI	-	25.54140	0 ft	21	-
FIX	-	54.24470	0 m		
TOTKU	-	25.59280	0 ft	9	-
FIX	-	54.06940	0 m		
GODKI	-	25.68940	0 ft	19	-
FIX	-	53.72970	0 m		
RALMI	-	25.75140	0 ft	12	-
FIX	-	53.50920	0 m		
TUMAK	-	25.84190	0 ft	18	-
FIX	-	53.18560	0 m		
VEDOM	-	26.01920	0 ft	25	-
FIX	-	52.74890	0 m		
VELAK	-	26.21860	0 ft	26	-
FIX	-	52.30580	0 m		
LABOP	-	26.31860	0 ft	13	-
FIX	-	52.07470	0 m		
ALTOM	-	26.37500	0 ft	7	-
FIX	-	51.94420	0 m		
ALMOK	-	26.47560	0 ft	17	-
FIX	-	51.64440	0 m		
VEDOS	-	26.68500	0 ft	36	-
FIX	-	51.01240	0 m		
MOGAS	-	26.79990	0 ft	20	-
FIX	-	50.65250	0 m		
RAKAK	-	26.87250	0 ft	12	-
FIX	-	50.43830	0 m		
RAMSI	-	27.04690	0 ft	19	-
FIX	-	50.12060	0 m		
DAROR	-	27.04560	0 ft	8	-
FIX	-	49.97090	0 m		
COPPI	-	27.84250	0 ft	128	-
FIX	-	47.73310	0 m		
DUSBO	-	28.10440	0 ft	47	-
FIX	-	46.88170	0 m		
HFR	-	28.35720	0 ft	43	HAFR AL BATIN (AL QAISUMA)

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	46.11740	0 m		
VATIM	-	28.86000	0 ft	78	-
FIX	-	44.74530	0 m		
RASMO	-	28.95360	0 ft	64	-
FIX	-	43.52190	0 m		
ORSAL	-	29.04310	0 ft	70	-
FIX	-	42.18530	0 m		
TOLDI	-	29.05810	0 ft	12	-
FIX	-	41.93920	0 m		
NORGI	-	29.08750	0 ft	26	-
FIX	-	41.42940	0 m		
ULAKO	-	29.13280	0 ft	44	-
FIX	-	40.57780	0 m		
NIMAR	-	29.10970	0 ft	35	-
FIX	-	39.90690	0 m		
ENABI	-	29.11080	0 ft	51	-
FIX	-	38.93060	0 m		
ASTUM	-	29.10780	0 ft	29	-
FIX	-	38.37690	0 m		
OBNAK	-	29.09830	0 ft	45	-
FIX	-	37.50890	0 m		
EGSIS	-	29.08750	0 ft	53	-
FIX	-	36.48060	0 m		
KITOT	-	29.03470	0 ft	85	-
FIX	-	34.84720	0 m		
NWB	-	29.03220	0 ft	9	NUWEIBAA
NDB	-	34.67110	0 m		
SISIK	-	29.60000	0 ft	109	-
FIX	-	32.68500	0 m		
MENLI	-	29.78330	0 ft	44	-
FIX	-	31.86830	0 m		
CVO	-	30.09230	0 ft	31	CAIRO
VOR	-	31.38840	0 m		
MENKU	-	31.09190	0 ft	82	-
FIX	-	30.30170	0 m		
NOZ	-	31.18760	0 ft	18	ALEXANDRIA
VOR	-	29.95070	0 m		
TANSA	-	34.00000	0 ft	231	-
FIX	-	26.81670	0 m		
AMAXI	-	35.09780	0 ft	83	-
FIX	-	25.78280	0 m		
VEGES	-	35.20890	0 ft	8	-
FIX	-	25.67560	0 m		
GOSEX	-	35.70030	0 ft	37	-
FIX	-	25.19140	0 m		
DIRMI	-	36.05610	0 ft	27	-
FIX	-	24.84970	0 m		
RESTI	-	36.46780	0 ft	31	-
FIX	-	24.43970	0 m		
ALANI	-	36.91110	0 ft	34	-
FIX	-	23.99170	0 m		
KOR	-	37.93040	0 ft	79	KORINTHOS
NDB	-	22.93590	0 m		
RIMAX	-	38.11860	0 ft	15	-
FIX	-	22.71690	0 m		
XANIS	-	38.57220	0 ft	36	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	22.18580	0 m		
YNN	-	39.70140	0 ft	92	IOANNINA VOR-DME
DME	-	20.82000	0 m		
TUMBO	-	40.06720	0 ft	27	-
FIX	-	20.47280	0 m		
TRN	-	41.41610	0 ft	87	TIRANA
VOR	-	19.71820	0 m		
MSR	-	43.26140	0 ft	138	MOSTAR
VOR	-	17.85590	0 m		
TNJ	-	45.24810	0 ft	160	TOUNJ
NDB	-	15.35040	0 m		
MG	-	46.17320	0 ft	64	LJUBLJANA
NDB	-	14.55590	0 m		
VIW	-	46.69640	0 ft	41	VILLACH VOR-DME
DME	-	13.91460	0 m		
LATLO	-	47.68390	0 ft	74	-
FIX	-	12.80670	0 m		
UNKEN	-	47.82170	0 ft	11	-
FIX	-	12.60110	0 m		
ROTAX	-	47.97750	0 ft	12	-
FIX	-	12.38410	0 m		
EBEDA	-	48.16030	0 ft	15	-
FIX	-	12.12690	0 m		
OLETU	-	48.46690	0 ft	27	-
FIX	-	11.60580	0 m		
WLD	-	48.57940	0 ft	20	WALDA
VOR	-	11.12940	0 m		
BURAM	-	48.69550	0 ft	9	-
FIX	-	10.94900	0 m		
XERUM	-	48.81110	0 ft	9	-
FIX	-	10.76780	0 m		
ANORA	-	48.94940	0 ft	12	-
FIX	-	10.54830	0 m		
LEVBU	-	49.00690	0 ft	4	-
FIX	-	10.45670	0 m		
DKB	-	49.14280	0 ft	11	DINKELSBUEHL
VOR	-	10.23830	0 m		
PIGAB	-	49.19830	0 ft	5	-
FIX	-	10.14330	0 m		
ELMOX	-	49.38360	0 ft	16	-
FIX	-	9.82472	0 m		
HAREM	-	49.61840	0 ft	21	-
FIX	-	9.41456	0 m		
MOVUM	-	49.95000	0 ft	39	-
FIX	-	8.52611	0 m		
RUDUS	-	50.04760	0 ft	18	-
FIX	-	8.07827	0 m		
UBIDU	-	50.07330	0 ft	6	-
FIX	-	7.90639	0 m		
EMGOD	-	50.19640	0 ft	23	-
FIX	-	7.32889	0 m		
ROPUV	-	50.22190	0 ft	18	-
FIX	-	6.84833	0 m		
OGLOR	-	50.20970	0 ft	7	-
FIX	-	6.64278	0 m		
ETENO	-	50.18190	0 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	6.19167	0 m		
SOPOK	-	50.25280	0 ft	16	-
FIX	-	5.77389	0 m		
LNO	-	50.58580	0 ft	20	OLNO
VOR	-	5.71028	0 m		
TERLA	-	50.68250	0 ft	6	-
FIX	-	5.66556	0 m		
SOGRI	-	50.80640	0 ft	24	-
FIX	-	5.04528	0 m		
BUB	-	50.90230	0 ft	20	BRUSSELS
VOR	-	4.53808	0 m		
NIK	-	51.16500	0 ft	20	NICKY
VOR	-	4.18389	0 m		
COA	-	51.34810	0 ft	33	COSTA
VOR	-	3.35528	0 m		
KEGIT	-	51.40700	0 ft	9	-
FIX	-	3.10660	0 m		
SASKI	-	51.54810	0 ft	24	-
FIX	-	2.50000	0 m		
GILTI	-	51.57030	0 ft	16	-
FIX	-	2.05505	0 m		
ERING	-	51.59070	0 ft	16	-
FIX	-	1.61194	0 m		
TOBIX	-	51.60470	0 ft	12	-
FIX	-	1.28083	0 m		
TUGPO	-	51.61940	0 ft	13	-
FIX	-	0.91444	0 m		
TERKO	-	51.62560	0 ft	6	-
FIX	-	0.74667	0 m		
SIRGO	-	51.62940	0 ft	3	-
FIX	-	0.64639	0 m		
FERIT	-	51.63310	0 ft	4	-
FIX	-	0.53917	0 m		
LAM	-	51.64610	0 ft	14	LAMBOURNE VOR-DME
DME	-	0.15167	0 m		
BPK	-	51.74970	0 ft	11	BROOKMANS PARK VOR-DME
DME	-	-0.10667	0 m		
POTON	-	52.08440	0 ft	23	-
FIX	-	-0.42722	0 m		
BEDFO	-	52.22500	0 ft	9	-
FIX	-	-0.56333	0 m		
EBOTO	-	52.35920	0 ft	9	-
FIX	-	-0.69444	0 m		
PIPIN	-	52.61000	0 ft	17	-
FIX	-	-0.94167	0 m		
LESTA	-	52.74080	0 ft	9	-
FIX	-	-1.07194	0 m		
TUMTI	-	53.07780	0 ft	27	-
FIX	-	-1.60417	0 m		
XAPOS	-	53.29140	0 ft	12	-
FIX	-	-1.63083	0 m		
EVSON	-	53.35750	0 ft	4	-
FIX	-	-1.66361	0 m		
BOLBI	-	53.46670	0 ft	8	-
FIX	-	-1.81250	0 m		
DESIG	-	53.52720	0 ft	4	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-1.89278	0 m		
DENBY	-	53.52030	0 ft	2	-
FIX	-	-1.96111	0 m		
FR24R	-	53.44950	0 ft	5	-
FIX	-	-2.07650	0 m		
D052G	-	53.43180	0 ft	1	-
FIX	-	-2.11287	0 m		
30VOR	-	53.38910	0 ft	3	-
FIX	-	-2.19832	0 m		
D052A	-	53.36240	0 ft	2	-
FIX	-	-2.25714	0 m		
EGCC	-	53.34740	0 ft	1	Manchester
APT	-	-2.28348	0 m		

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.459 W

METAR

EGCC 081820Z AUTO 32007KT 9999 NCD 16/11 Q1027 NOSIG

TAF

TAF EGCC 081704Z 0818/0924 29005KT 9999 SCT040 PROB30 0901/0909 6000

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	51.43		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	51.47		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