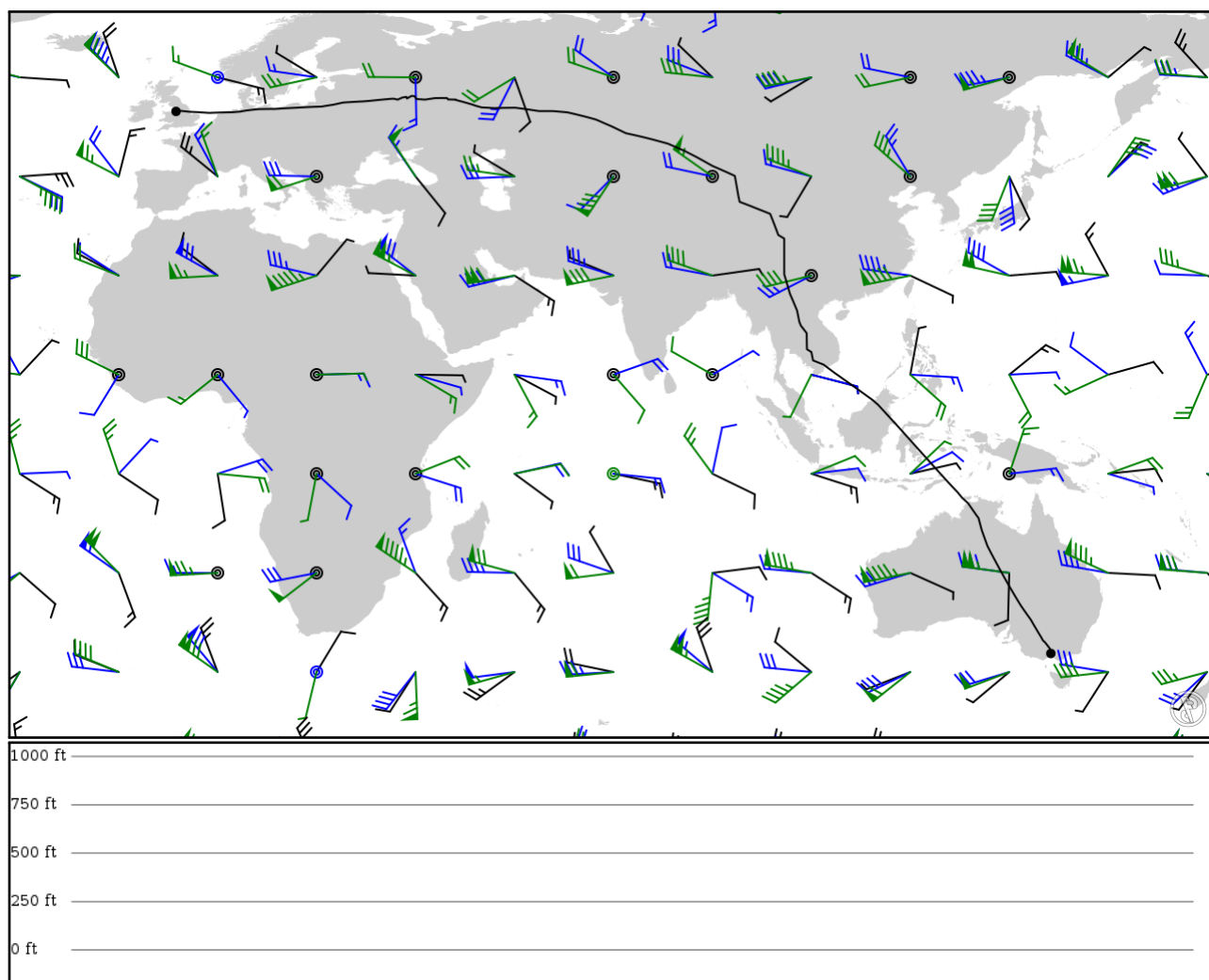


2024/05/18 0213Z

EGCC D052L DESIG ELNOD MAMUL MOGMO ARTIX DOPEK NISBI OTBED MIMVA DOBAK DOTOB AVESA REVLA STADE
BERIM TAGOB NUVEN KUBAB TIMIB LEGSA GEVNI FLD UDAXI TORLO BINKA RATOR OTRIV BOKSU IRKAL LAFAT
SIVRU VTB OGUTA KOLED ADIRU 5533N3501E ATRUN LEMRU 5552N3655E GISIN BESTA RUGEL 5543N3814E
5533N3960E INLOR RUSAK 5536N4347E BARUP 5534N4452E GOTUN BMK 5402N4911E ABMET GISUL RASOD AKESI
GOPAR BEROM SINAD RITKA MGR BURIG TITUR KST DOKUT GITNA LATKO ATNON ATBAN KODOL APTUS LIGMO BEDKA
KRG DIMUT ULKAP GORBO TAGAL DODEM OSNER AGZ TOLKI AGUSA SARIN TCH PIBIG SALMO UGPEL VARMI FKG
KEXAB IPMUN ESDEX RUSDI TUSLI DUMIN LUSMA IRTOL AKAGI MEPEP LUVAR SANLI PEXUN LEVBA NIVUX UPGED
DONEN MAKUL BIDRU NOKET SAGAG LPB VTN UDN ROT GRASO PASAT PEKBA BIDEM SRE SATON PNH POPET SAPEN
CUCHI TSN LOSON ASEBO ELSAS DAGAG MOXON AKMON LAGOT TODAM ASISU DOGOG BRU TBDYR MAMOK LADOP PORAK
ADNAT ELBIS SHEPP DONYA DN LAKUP ANGED TN BEBUX DOSAM TNK YUSEF ANZAC PULOL POLEV GUGAB SAPED BHI
UVUPU NATYA 3545S14349E FRANZ CANTY ARBEY YMML

9695.57 nm / 17956.20 km



Notes

Requested: EGCC D052L DESIG ELNOD MAMUL MOGMO ARTIX DOPEK NISBI OTBED 5312N/142E MIMVA DOBAK DOTOB AVESA REVLA 5312N/142E
Unmatched points: 5312N/142E 5321N/852E BIGOR

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGCC	-	53.34740	0 ft	-	Manchester
APT	-	-2.28348	0 m		
D052L	-	53.48510	0 ft	12	-
FIX	-	-2.00582	0 m		
DESIG	-	53.52720	0 ft	4	-
FIX	-	-1.89278	0 m		
ELNOD	-	53.47390	0 ft	11	-
FIX	-	-1.59000	0 m		
MAMUL	-	53.41810	0 ft	11	-
FIX	-	-1.28000	0 m		
MOGMO	-	53.41190	0 ft	2	-
FIX	-	-1.21417	0 m		
ARTIX	-	53.39500	0 ft	6	-
FIX	-	-1.03583	0 m		
DOPEK	-	53.38440	0 ft	4	-
FIX	-	-0.92556	0 m		
NISBI	-	53.35810	0 ft	9	-
FIX	-	-0.65583	0 m		
OTBED	-	53.28810	0 ft	25	-
FIX	-	0.03194	0 m		
MIMVA	-	53.10090	0 ft	118	-
FIX	-	3.30351	0 m		
DOBAK	-	53.21330	0 ft	141	-
FIX	-	7.21694	0 m		
DOTOB	-	53.28570	0 ft	30	-
FIX	-	8.06491	0 m		
AVESA	-	53.29330	0 ft	3	-
FIX	-	8.15778	0 m		
REVL	-	53.32080	0 ft	12	-
FIX	-	8.50750	0 m		
STADE	-	53.49530	0 ft	35	-
FIX	-	9.44694	0 m		
BERIM	-	53.72610	0 ft	73	-
FIX	-	11.46780	0 m		
TAGOB	-	53.73480	0 ft	12	-
FIX	-	11.83310	0 m		
NUVEN	-	53.74140	0 ft	10	-
FIX	-	12.12530	0 m		
KUBAB	-	53.74890	0 ft	12	-
FIX	-	12.47000	0 m		
TIMIB	-	53.75220	0 ft	8	-
FIX	-	12.69970	0 m		
LEGSA	-	53.75330	0 ft	3	-
FIX	-	12.78960	0 m		
GEVNI	-	53.76200	0 ft	24	-
FIX	-	13.48150	0 m		
FLD	-	53.76270	0 ft	2	FRIEDLAND
VOR	-	13.56310	0 m		
UDAXI	-	53.76250	0 ft	5	-
FIX	-	13.70420	0 m		
TORLO	-	53.76220	0 ft	3	-
FIX	-	13.79670	0 m		
BINKA	-	53.75940	0 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	14.27560	0 m		
RATOR	-	53.96370	0 ft	128	-
FIX	-	17.88040	0 m		
OTRIV	-	54.16360	0 ft	152	-
FIX	-	22.19780	0 m		
BOKSU	-	54.30750	0 ft	31	-
FIX	-	23.05920	0 m		
IRKAL	-	54.48400	0 ft	41	-
FIX	-	24.22000	0 m		
LAFAT	-	54.83110	0 ft	58	-
FIX	-	25.77860	0 m		
SIVRU	-	55.03170	0 ft	118	-
FIX	-	29.18810	0 m		
VTB	-	55.12790	0 ft	40	VICIEBSK
VOR	-	30.35990	0 m		
OGUTA	-	55.19170	0 ft	21	-
FIX	-	30.96470	0 m		
KOLED	-	55.45310	0 ft	97	-
FIX	-	33.76640	0 m		
ADIRU	-	55.49310	0 ft	16	-
FIX	-	34.23810	0 m		
5533N3501E	-	55.33000	0 ft	28	-
LATLON	-	35.01000	0 m		
ATRUN	-	55.67670	0 ft	32	-
FIX	-	35.76140	0 m		
LEMUR	-	55.79170	0 ft	24	-
FIX	-	36.46470	0 m		
5552N3655E	-	55.52000	0 ft	16	-
LATLON	-	36.55000	0 m		
GISIN	-	55.96170	0 ft	37	-
FIX	-	37.34830	0 m		
BESTA	-	55.91670	0 ft	13	-
FIX	-	37.74140	0 m		
RUGEL	-	55.86470	0 ft	5	-
FIX	-	37.86470	0 m		
5543N3814E	-	55.43000	0 ft	27	-
LATLON	-	38.14000	0 m		
5533N3960E	-	55.33000	0 ft	50	-
LATLON	-	39.60000	0 m		
INLOR	-	55.57810	0 ft	58	-
FIX	-	41.25030	0 m		
RUSAK	-	55.60000	0 ft	68	-
FIX	-	43.27470	0 m		
5536N4347E	-	55.36000	0 ft	15	-
LATLON	-	43.47000	0 m		
BARUP	-	55.32330	0 ft	45	-
FIX	-	44.80940	0 m		
5534N4452E	-	55.34000	0 ft	9	-
LATLON	-	44.52000	0 m		
GOTUN	-	54.53830	0 ft	110	-
FIX	-	47.41670	0 m		
BMK	-	54.26330	0 ft	32	ULYANOVSK Baratayevka VOR-DME
DME	-	48.22500	0 m		
5402N4911E	-	54.02000	0 ft	34	-
LATLON	-	49.11000	0 m		
ABMET	-	53.95000	0 ft	49	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	50.49500	0 m		
GISUL	-	53.90000	0 ft	24	-
FIX	-	51.18170	0 m		
RASOD	-	53.91000	0 ft	11	-
FIX	-	51.51500	0 m		
AKESI	-	53.95500	0 ft	70	-
FIX	-	53.51170	0 m		
GOPAR	-	53.96690	0 ft	44	-
FIX	-	54.78170	0 m		
BEROM	-	53.74190	0 ft	62	-
FIX	-	56.50030	0 m		
SINAD	-	53.54030	0 ft	50	-
FIX	-	57.87810	0 m		
RITKA	-	53.50670	0 ft	8	-
FIX	-	58.10170	0 m		
MGR	-	53.40430	0 ft	24	MAGNITOGORSK
VOR	-	58.75760	0 m		
BURIG	-	53.40860	0 ft	32	-
FIX	-	59.65190	0 m		
TITUR	-	53.40170	0 ft	53	-
FIX	-	61.15670	0 m		
KST	-	53.18690	0 ft	87	KOSTANAY
VOR	-	63.56260	0 m		
DOKUT	-	52.80390	0 ft	63	-
FIX	-	65.20830	0 m		
GITNA	-	52.74970	0 ft	8	-
FIX	-	65.42170	0 m		
LATKO	-	52.41890	0 ft	52	-
FIX	-	66.74080	0 m		
ATNON	-	52.19690	0 ft	33	-
FIX	-	67.56390	0 m		
ATBAN	-	51.97330	0 ft	32	-
FIX	-	68.36440	0 m		
KODOL	-	51.27720	0 ft	72	-
FIX	-	69.94750	0 m		
APTUS	-	50.93280	0 ft	37	-
FIX	-	70.76690	0 m		
LIGMO	-	50.76080	0 ft	17	-
FIX	-	71.14360	0 m		
BEDKA	-	50.22170	0 ft	53	-
FIX	-	72.26250	0 m		
KRG	-	49.68720	0 ft	53	KARAGANDA
VOR	-	73.37380	0 m		
DIMUT	-	49.30780	0 ft	71	-
FIX	-	75.09830	0 m		
ULKAP	-	49.12470	0 ft	33	-
FIX	-	75.89220	0 m		
GORBO	-	49.05440	0 ft	12	-
FIX	-	76.18330	0 m		
TAGAL	-	48.94390	0 ft	19	-
FIX	-	76.64030	0 m		
DODEM	-	48.70330	0 ft	40	-
FIX	-	77.60390	0 m		
OSNER	-	48.35530	0 ft	55	-
FIX	-	78.90250	0 m		
AGZ	-	47.93110	0 ft	67	AYAGUZ

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	80.44970	0 m		
TOLKI	-	47.57080	0 ft	39	-
FIX	-	81.27780	0 m		
AGUSA	-	47.23330	0 ft	37	-
FIX	-	82.06060	0 m		
SARIN	-	46.86560	0 ft	40	-
FIX	-	82.88810	0 m		
TCH	-	46.66830	0 ft	22	TACHENG
VOR	-	83.34500	0 m		
PIBIG	-	46.25500	0 ft	41	-
FIX	-	84.13500	0 m		
SALMO	-	45.69830	0 ft	56	-
FIX	-	85.22170	0 m		
UGPEL	-	44.55170	0 ft	111	-
FIX	-	87.28670	0 m		
VARMİ	-	44.33500	0 ft	21	-
FIX	-	87.68500	0 m		
FKG	-	44.17330	0 ft	16	FUKANG
VOR	-	87.98330	0 m		
KEXAB	-	43.55830	0 ft	71	-
FIX	-	89.39330	0 m		
İPMUN	-	42.51830	0 ft	118	-
FIX	-	91.69500	0 m		
ESDEX	-	41.63000	0 ft	53	-
FIX	-	91.85170	0 m		
RUSDI	-	39.75170	0 ft	113	-
FIX	-	92.18000	0 m		
TUSLI	-	39.08330	0 ft	40	-
FIX	-	92.30000	0 m		
DUMIN	-	38.16670	0 ft	55	-
FIX	-	92.50000	0 m		
LUSMA	-	37.00000	0 ft	159	-
FIX	-	95.50000	0 m		
İRTOL	-	36.77830	0 ft	30	-
FIX	-	96.06000	0 m		
AKAGI	-	36.56670	0 ft	28	-
FIX	-	96.59170	0 m		
MEPEP	-	36.15170	0 ft	56	-
FIX	-	97.63330	0 m		
LUVAR	-	32.60170	0 ft	223	-
FIX	-	99.00000	0 m		
SANLI	-	32.00000	0 ft	62	-
FIX	-	100.00000	0 m		
PEXUN	-	30.92830	0 ft	64	-
FIX	-	100.00000	0 m		
LEVBA	-	27.94830	0 ft	178	-
FIX	-	100.00000	0 m		
NIVUX	-	26.00000	0 ft	117	-
FIX	-	100.00000	0 m		
UPGED	-	25.13830	0 ft	53	-
FIX	-	100.25700	0 m		
DONEN	-	25.04500	0 ft	5	-
FIX	-	100.28300	0 m		
MAKUL	-	24.12170	0 ft	57	-
FIX	-	100.55700	0 m		
BIDRU	-	22.71830	0 ft	87	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	100.96500	0 m		
NOKET	-	22.04830	0 ft	43	-
FIX	-	101.25500	0 m		
SAGAG	-	21.19170	0 ft	55	-
FIX	-	101.62300	0 m		
LPB	-	19.89940	0 ft	83	LUANG PHABANG VOR-DME
DME	-	102.16000	0 m		
VTN	-	18.01040	0 ft	115	VIENTIANE
VOR	-	102.54000	0 m		
UDN	-	17.38310	0 ft	40	UDON TACAN
DME	-	102.79800	0 m		
ROT	-	16.11680	0 ft	94	ROI ET
VOR	-	103.77200	0 m		
GRASO	-	15.15470	0 ft	57	-
FIX	-	103.78700	0 m		
PASAT	-	14.95740	0 ft	11	-
FIX	-	103.79100	0 m		
PEKBA	-	14.80210	0 ft	9	-
FIX	-	103.79200	0 m		
BIDEM	-	14.36500	0 ft	26	-
FIX	-	103.79700	0 m		
SRE	-	13.41500	0 ft	57	SIEM REAP VOR-DME
DME	-	103.82200	0 m		
SATON	-	12.95000	0 ft	51	-
FIX	-	104.56000	0 m		
PNH	-	11.54670	0 ft	85	PHNOM PENH VOR-DME
DME	-	104.84200	0 m		
POPET	-	11.10000	0 ft	70	-
FIX	-	105.95000	0 m		
SAPEN	-	11.02000	0 ft	14	-
FIX	-	106.18300	0 m		
CUCHI	-	10.89780	0 ft	17	-
FIX	-	106.46100	0 m		
TSN	-	10.81640	0 ft	11	TAN SON NHAT (HO CHI MINH)
VOR	-	106.64600	0 m		
LOSON	-	10.49330	0 ft	31	-
FIX	-	107.07600	0 m		
ASEBO	-	10.33170	0 ft	15	-
FIX	-	107.29000	0 m		
ELSAS	-	10.13670	0 ft	19	-
FIX	-	107.54800	0 m		
DAGAG	-	9.46333	0 ft	66	-
FIX	-	108.44200	0 m		
MOXON	-	8.82500	0 ft	66	-
FIX	-	109.35500	0 m		
AKMON	-	8.21556	0 ft	63	-
FIX	-	110.21900	0 m		
LAGOT	-	7.27556	0 ft	97	-
FIX	-	111.54500	0 m		
TODAM	-	6.52722	0 ft	76	-
FIX	-	112.59300	0 m		
ASISU	-	5.98500	0 ft	55	-
FIX	-	113.34600	0 m		
DOGOG	-	5.42170	0 ft	57	-
FIX	-	114.12800	0 m		
BRU	-	4.87458	0 ft	55	BRUNEI

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	114.88500	0 m		
TBDRY	-	4.32311	0 ft	49	-
FIX	-	115.51000	0 m		
MAMOK	-	4.08500	0 ft	21	-
FIX	-	115.78700	0 m		
LADOP	-	0.02843	0 ft	330	-
FIX	-	119.51100	0 m		
PORAK	-	-4.97746	0 ft	403	-
FIX	-	124.00700	0 m		
ADNAT	-	-8.04770	0 ft	247	-
FIX	-	126.77400	0 m		
ELBIS	-	-9.08833	0 ft	84	-
FIX	-	127.72800	0 m		
SHEPP	-	-10.59940	0 ft	123	-
FIX	-	129.15600	0 m		
DONYA	-	-11.51430	0 ft	70	-
FIX	-	129.90700	0 m		
DN	-	-12.42330	0 ft	80	DARWIN
VOR	-	130.90600	0 m		
LAKUP	-	-13.10290	0 ft	49	-
FIX	-	131.37800	0 m		
ANGED	-	-13.59880	0 ft	35	-
FIX	-	131.72400	0 m		
TN	-	-14.51920	0 ft	66	TINDAL (KATHERINE)
VOR	-	132.37100	0 m		
BEBUX	-	-14.93000	0 ft	30	-
FIX	-	132.67700	0 m		
DOSAM	-	-16.90280	0 ft	122	-
FIX	-	133.20000	0 m		
TNK	-	-19.63470	0 ft	173	TENNANT CREEK
VOR	-	134.18200	0 m		
YUSEF	-	-21.43170	0 ft	120	-
FIX	-	135.12000	0 m		
ANZAC	-	-22.74630	0 ft	88	-
FIX	-	135.82400	0 m		
PULOL	-	-24.45450	0 ft	114	-
FIX	-	136.76200	0 m		
POLEV	-	-26.92030	0 ft	166	-
FIX	-	138.16900	0 m		
GUGAB	-	-29.68520	0 ft	187	-
FIX	-	139.83300	0 m		
SAPED	-	-31.35200	0 ft	117	-
FIX	-	141.00700	0 m		
BHI	-	-31.99200	0 ft	45	BROKEN HILL
NDB	-	141.46800	0 m		
UVUPU	-	-33.84230	0 ft	123	-
FIX	-	142.54900	0 m		
NATYA	-	-34.96890	0 ft	75	-
FIX	-	143.23300	0 m		
3545S14349E	-	-35.45000	0 ft	31	-
LATLON	-	143.49000	0 m		
FRANZ	-	-35.81460	0 ft	28	-
FIX	-	143.87600	0 m		
CANTY	-	-36.80670	0 ft	70	-
FIX	-	144.65200	0 m		
ARBEY	-	-37.16830	0 ft	22	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	144.73200	0 m		
YMML	-	-37.66550	0 ft	30	Melbourne Intl
APT	-	144.83700	0 m		

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.455 W

METAR

EGCC 180150Z AUTO 10003KT 8000 NCD 12/11 Q1013

TAF

TAF EGCC 172259Z 1800/1906 VRB02KT 9999 BKN040 TEMPO 1800/1809 8000 PROB30 1801/1809 4000 BR PROB30 1809/1812 8000

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

YMML

Region: AUSTRALIA
Timezone: AUSTRALIA/MELBOURNE
Runways: 2

Elevation: 433 ft / 132 m
Location: -37.665500 144.837000
Magnetic Var: 11.562 E

METAR

YMML 180200Z 17013KT 9999 FEW045 12/02 Q1032

TAF

TAF YMML 172320Z 1800/1906 16012KT 9999 SCT040 FM181000 25005KT 9999 SCT040 FM182200 27011KT 9999 SCT020

Frequencies

REC - 132.67 MHz - YMML ATIS
GND - 121.70 MHz - MELBOURNE GND
APP - 132.00 MHz - MELBOURNE APP

CLD - 127.20 MHz - MELBOURNE INTL CLD
TWR - 120.50 MHz - MELBOURNE TWR
DEP - 118.90 MHz - MELBOURNE DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	7,513 ft	94.00	ASPHALT	0 ft	197 ft
	45 m	2,290 m	82.44		0 m	60 m
27	148 ft	7,513 ft	273.98	ASPHALT	0 ft	174 ft
	45 m	2,290 m	262.42		0 m	53 m
16	155 ft	12,012 ft	171.60	ASPHALT	0 ft	200 ft
	47 m	3,661 m	160.04		0 m	61 m
34	155 ft	12,012 ft	351.60	ASPHALT	0 ft	200 ft
	47 m	3,661 m	340.04		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	LOC-ILS	IMS	109.70 MHz	18 nm	171.60	-	433 ft
				33 km	160.04		433 m
27	LOC-ILS	IMW	109.30 MHz	18 nm	273.99	-	433 ft
				33 km	262.43		433 m
16	GS	IMS	109.70 MHz	10 nm	171.60	3.00	433 ft
				19 km	160.04		433 m
27	GS	IMW	109.30 MHz	10 nm	273.99	3.00	433 ft
				19 km	262.43		433 m