

# LIMC

Milano-Malpensa

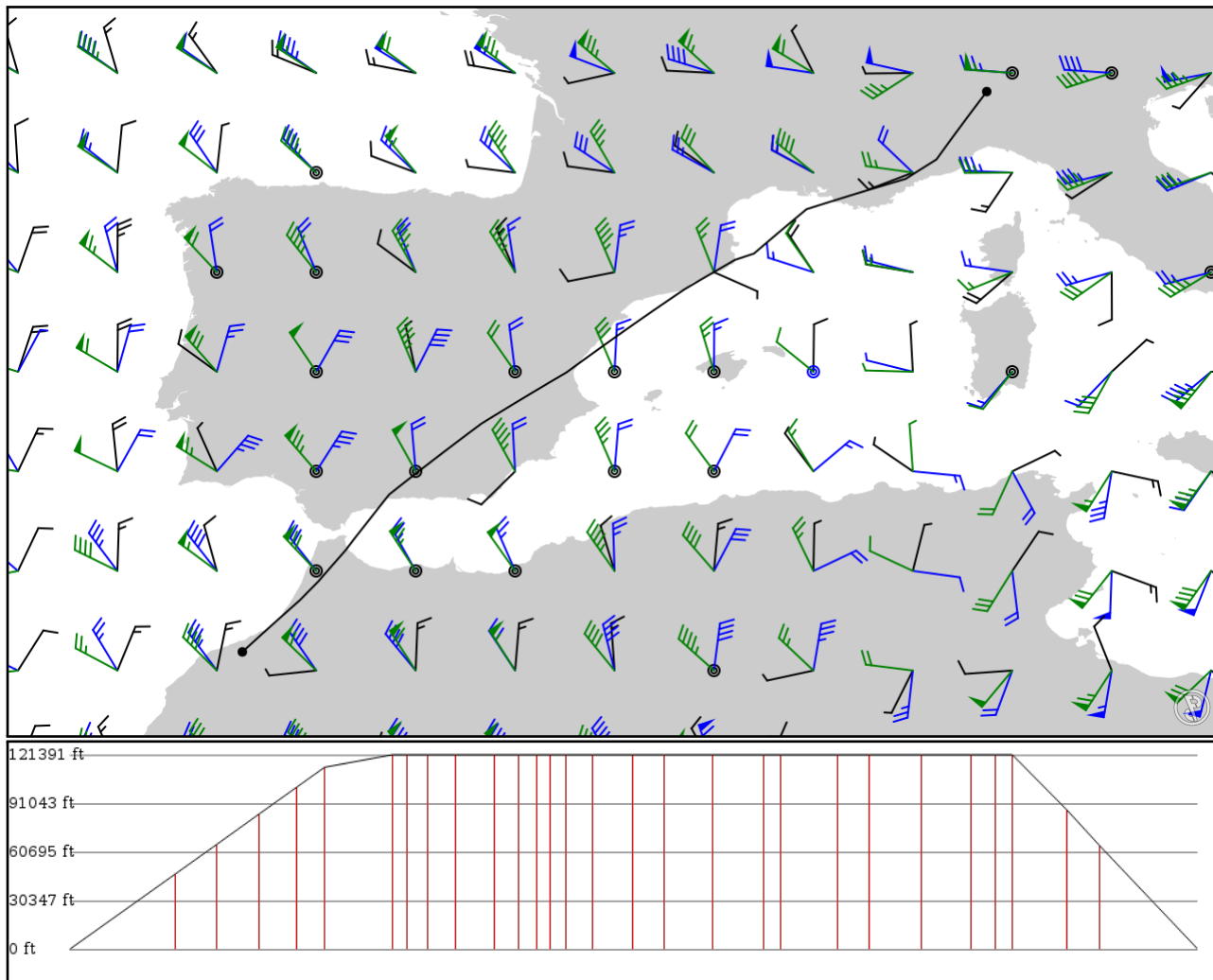
# GMMN

Casablanca Mohammed V Intl

2024/05/23 0318Z

LIMC VAMTU **UM984** DIVKO **UN975** BCN **UM985** TORDU **B28** SOPET **UM985** YES **B28** BAZAS **UM985** PIMOS **UN869**  
GALTO **UB11** TUSOR GMMN

1069.58 nm / 1980.87 km



## Notes

Basic altitude profile:

- Ascent Rate: 1000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft
- 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
LIMC	-	45.63060	0 ft	-	Milano-Malpensa
APT	-	8.72812	0 m		
VAMTU	-	44.14560	14,300 ft	100	-
FIX	-	7.62528	4,359 m		
KOLON	UM984	43.72190	19,900 ft	38	-
FIX	AWY-HI	6.95333	6,066 m		
GANGU	UM984	43.46310	25,700 ft	40	-
FIX	AWY-HI	6.08472	7,833 m		
PADKO	UM984	43.23170	30,800 ft	35	-
FIX	AWY-HI	5.33306	9,388 m		
DIVKO	UM984	43.05620	34,600 ft	26	-
FIX	AWY-HI	4.77692	10,546 m		
NILDU	UN975	42.26030	37,000 ft	63	-
FIX	AWY-HI	3.82861	11,278 m		
BISBA	UN975	42.08640	37,000 ft	13	-
FIX	AWY-HI	3.62581	11,278 m		
BGR	UN975	41.94770	37,000 ft	20	BAGUR
VOR	AWY-HI	3.20886	11,278 m		
NENDA	UN975	41.68430	37,000 ft	25	-
FIX	AWY-HI	2.75133	11,278 m		
BCN	UN975	41.30710	37,000 ft	36	BARCELONA
VOR	AWY-HI	2.10781	11,278 m		
RODRA	UM985	41.05150	37,000 ft	22	-
FIX	AWY-HI	1.73039	11,278 m		
PEXOT	UM985	40.86080	37,000 ft	17	-
FIX	AWY-HI	1.45194	11,278 m		
EBROX	UM985	40.70870	37,000 ft	13	-
FIX	AWY-HI	1.23178	11,278 m		
LOTOS	UM985	40.54970	37,000 ft	14	-
FIX	AWY-HI	1.00297	11,278 m		
TORDU	UM985	40.25790	37,000 ft	25	-
FIX	AWY-HI	0.58819	11,278 m		
SOPET	B28	39.83380	37,000 ft	37	-
FIX	AWY-LO	-0.00469	11,278 m		
VLC	UM985	39.48560	37,000 ft	30	VALENCIA
VOR	AWY-HI	-0.48306	11,278 m		
ASTRO	UM985	39.02440	37,000 ft	45	-
FIX	AWY-HI	-1.26300	11,278 m		
XEBAR	UM985	38.52110	37,000 ft	49	-
FIX	AWY-HI	-2.09278	11,278 m		
YES	UM985	38.36080	37,000 ft	15	YESTE
VOR	AWY-HI	-2.35278	11,278 m		
BAZAS	B28	37.73440	37,000 ft	54	-
FIX	AWY-LO	-3.18521	11,278 m		
VIBAS	UM985	37.39220	37,000 ft	29	-
FIX	AWY-HI	-3.63086	11,278 m		
MGA	UM985	36.81430	37,000 ft	49	MALAGA
VOR	AWY-HI	-4.36958	11,278 m		
PIMOS	UM985	36.15040	37,000 ft	47	-
FIX	AWY-HI	-4.89347	11,278 m		
GALTO	UN869	35.83330	37,000 ft	22	-
FIX	AWY-HI	-5.14361	11,278 m		
TTN	UB11	35.59500	37,000 ft	16	TETOUAN

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-5.32458	11,278 m		
BARIS	UB11	34.90310	26,500 ft	51	-
FIX	AWY-HI	-5.93056	8,077 m		
TUSOR	UB11	34.49720	19,700 ft	31	-
FIX	AWY-HI	-6.33167	6,005 m		
GMMN	-	33.36740	0 ft	92	Casablanca Mohammed V Intl
APT	-	-7.58998	0 m		

## LIMC

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 2

Elevation: 767 ft / 234 m  
Location: 45.630600 8.728120  
Magnetic Var: 3.126 E

## METAR

LIMC 230250Z 02004KT 9999 -DZ BKN050 14/12 Q1015 NOSIG

## TAF

TAF LIMC 222300Z 2300/2406 VRB05KT 9999 SCT040 TEMPO 2300/2312 4000 TSRA BKN008 TEMPO 2315/2318 4000 TSRA BKN014

## Frequencies

REC - 120.02 MHz - ATIS ARRIVAL	REC - 121.62 MHz - ATIS DEPARTURE
CLD - 120.90 MHz - CLEARANCE DELIVERY	GND - 121.82 MHz - MALPENSA GROUND
GND - 121.90 MHz - MALPENSA GROUND	TWR - 119.00 MHz - MALPENSA TOWER
TWR - 128.35 MHz - MALPENSA TOWER	APP - 126.75 MHz - MILANO APPROACH
APP - 125.62 MHz - MILANO APPROACH	APP - 132.70 MHz - MILANO APPROACH
DEP - 126.30 MHz - MILANO DEPARTURE	DEP - 126.75 MHz - MILANO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	197 ft	12,873 ft	169.06	ASPHALT	0 ft	387 ft
	60 m	3,924 m	165.94		0 m	118 m
35L	197 ft	12,873 ft	349.07	ASPHALT	1,319 ft	197 ft
	60 m	3,924 m	345.94		402 m	60 m
17L	197 ft	12,873 ft	169.06	ASPHALT	3,081 ft	207 ft
	60 m	3,924 m	165.94		939 m	63 m
35R	197 ft	12,873 ft	349.07	ASPHALT	0 ft	180 ft
	60 m	3,924 m	345.95		0 m	55 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IMSL	110.75 MHz	25 nm	-	-	792 ft
				46 km	-		792 m
35L	DME	IMA	109.10 MHz	25 nm	-	-	768 ft
				46 km	-		768 m
35R	DME	MLP	109.90 MHz	18 nm	-	-	713 ft
				33 km	-		713 m
17L	LOC-ILS	IMSL	110.75 MHz	18 nm	169.06	-	697 ft
				33 km	165.93		697 m
35L	LOC-ILS	IMA	109.10 MHz	18 nm	349.07	-	767 ft
				33 km	345.94		767 m
35R	LOC-ILS	MLP	109.90 MHz	18 nm	349.07	-	780 ft
				33 km	345.94		780 m
17L	GS	IMSL	110.75 MHz	10 nm	170.24	3.00	792 ft
				19 km	167.12		792 m
35L	GS	IMA	109.10 MHz	10 nm	350.24	3.00	768 ft
				19 km	347.11		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.12		740 m

## GMMN

Region: MOROCCO  
Timezone: AFRICA/CASABLANCA  
Runways: 2

Elevation: 655 ft / 200 m  
Location: 33.367400 -7.589980  
Magnetic Var: 1.098 W

## METAR

GMMN 230300Z 04005KT 9999 SCT010 SCT200 16/13 Q1015 NOSIG

## TAF

TAF GMMN 222300Z 2300/2406 00406KT 9999 CAVOK PROB30 TEMPO 2304/2307 BKN010 BECMG 2312/2314 35013KT BECMG 2319/2321 04005KT 9999 SCT010 SCT200 16/13 Q1015 NOSIG

## Frequencies

REC - 126.30 MHz - ATIS  
APP - 121.30 MHz -  
TWR - 118.50 MHz -  
GND - 130.60 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	148 ft	12,231 ft	163.94	ASPHALT	0 ft	988 ft
	45 m	3,728 m	165.04		0 m	301 m
35R	148 ft	12,231 ft	343.95	ASPHALT	0 ft	1,004 ft
	45 m	3,728 m	345.05		0 m	306 m
17R	148 ft	12,188 ft	163.98	ASPHALT	0 ft	207 ft
	45 m	3,715 m	165.07		0 m	63 m
35L	148 ft	12,188 ft	343.98	ASPHALT	0 ft	223 ft
	45 m	3,715 m	345.08		0 m	68 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35L	DME	INL	110.70 MHz	18 nm	-	-	656 ft
				33 km	-		656 m
17R	LOC-ILS	CAS	108.30 MHz	18 nm	163.98	-	655 ft
				33 km	165.08		655 m
35L	LOC-ILS	INL	110.70 MHz	18 nm	343.98	-	655 ft
				33 km	345.08		655 m
35R	LOC-ILS	INR	109.90 MHz	18 nm	343.95	-	655 ft
				33 km	345.05		655 m
17R	GS	CAS	108.30 MHz	10 nm	163.98	3.00	655 ft
				19 km	165.08		655 m
35L	GS	INL	110.70 MHz	10 nm	343.98	3.00	655 ft
				19 km	345.08		655 m
35R	GS	INR	109.90 MHz	10 nm	343.95	2.70	655 ft
				19 km	345.05		655 m