

LIMC

Milano Malpensa

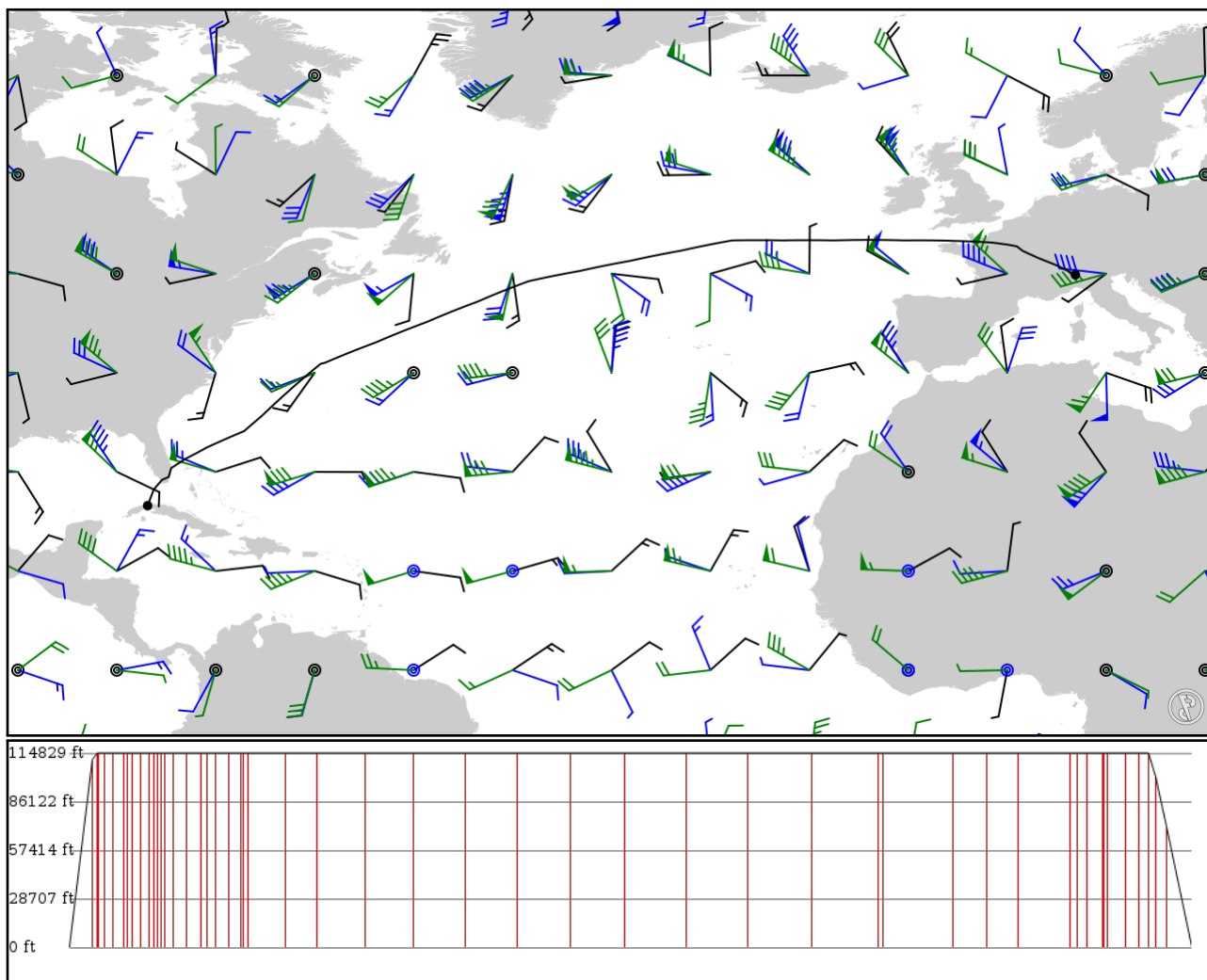
MUHA

Havana Jose Marti Intl

2024/06/09 0822Z

LIMC SOSAL **UL153** DJL **UH10** AMODO **UM729** RESMI **UL851** LGL **R491** GALBO **UN491** KOKOS **Y491** BETUV **UN491**
MOSIS **UN490** TAKAS **UN491** BEDRA 4900N02000W 4900N02500W 4800N03000W 4700N03500W 4600N04000W
4500N04500W 4300N05000W 4100N05500W 3900N06000W 3700N06500W KWLTY **A647** DRIBL **R514** SUMRS **A699**
LOUIZ **N28C** NUCAR **A699** PBI **J79** DVALL **V157** CARNU **J79** EYW MUHA

4544.75 nm / 8416.88 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 40000ft
- 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	-	45.63061	0 ft	-	Milano Malpensa
APT	-	8.72811	0 m		
SOSAL	-	46.55806	33,800 ft	94	-
FIX	-	6.88444	10,302 m		
VADEM	UL153	46.72167	35,000 ft	19	-
FIX	AWY-HI	6.48333	10,668 m		
BIBOT	UL153	46.75139	35,000 ft	3	-
FIX	AWY-HI	6.41028	10,668 m		
ROMTA	UL153	46.97028	35,000 ft	26	-
FIX	AWY-HI	5.85722	10,668 m		
DJL	UL153	47.27078	35,000 ft	35	DIJON-LONGVIC VOR-DME
VOR	AWY-HI	5.09733	10,668 m		
OBURO	UH10	47.65167	35,000 ft	40	-
FIX	AWY-HI	4.26472	10,668 m		
CHABY	UH10	47.79667	35,000 ft	15	-
FIX	AWY-HI	3.94861	10,668 m		
OKRIX	UH10	47.96611	35,000 ft	18	-
FIX	AWY-HI	3.56750	10,668 m		
AMODO	UH10	48.41944	35,000 ft	35	-
FIX	AWY-HI	2.98028	10,668 m		
RESMI	UM729	48.56861	35,000 ft	32	-
FIX	AWY-HI	2.19194	10,668 m		
TABOV	UL851	48.64417	35,000 ft	22	-
FIX	AWY-HI	1.64889	10,668 m		
PIGOP	UL851	48.68583	35,000 ft	12	-
FIX	AWY-HI	1.33889	10,668 m		
DITAL	UL851	48.74472	35,000 ft	18	-
FIX	AWY-HI	0.88917	10,668 m		
LGL	UL851	48.79061	35,000 ft	14	L AIGLE VOR
VOR	AWY-HI	0.53028	10,668 m		
GALBO	R491	48.83806	35,000 ft	30	-
FIX	AWY-LO	-0.25000	10,668 m		
KOKOS	UN491	48.90694	35,000 ft	56	-
FIX	AWY-HI	-1.67611	10,668 m		
BETUV	Y491	48.95444	35,000 ft	57	-
FIX	AWY-LO	-3.12222	10,668 m		
RUSIB	UN491	48.97694	35,000 ft	27	-
FIX	AWY-HI	-3.80861	10,668 m		
NERLA	UN491	48.99306	35,000 ft	32	-
FIX	AWY-HI	-4.63194	10,668 m		
DEKOR	UN491	49.00722	35,000 ft	51	-
FIX	AWY-HI	-5.93306	10,668 m		
MOSIS	UN491	49.00722	35,000 ft	50	-
FIX	AWY-HI	-7.21472	10,668 m		
ALUTA	UN490	49.00528	35,000 ft	11	-
FIX	AWY-HI	-7.49806	10,668 m		
TAKAS	UN490	49.00000	35,000 ft	19	-
FIX	AWY-HI	-8.00000	10,668 m		
GUNSO	UN491	49.05278	35,000 ft	148	-
FIX	AWY-HI	-11.76833	10,668 m		
BEDRA	UN491	49.00000	35,000 ft	127	-
FIX	AWY-HI	-15.00000	10,668 m		
4900N02000W	-	49.00000	35,000 ft	196	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-20.00000	10,668 m		
4900N02500W	-	49.00000	35,000 ft	196	-
LATLON	-	-25.00000	10,668 m		
4800N03000W	-	48.00000	35,000 ft	207	-
LATLON	-	-30.00000	10,668 m		
4700N03500W	-	47.00000	35,000 ft	211	-
LATLON	-	-35.00000	10,668 m		
4600N04000W	-	46.00000	35,000 ft	215	-
LATLON	-	-40.00000	10,668 m		
4500N04500W	-	45.00000	35,000 ft	218	-
LATLON	-	-45.00000	10,668 m		
4300N05000W	-	43.00000	35,000 ft	247	-
LATLON	-	-50.00000	10,668 m		
4100N05500W	-	41.00000	35,000 ft	253	-
LATLON	-	-55.00000	10,668 m		
3900N06000W	-	39.00000	35,000 ft	259	-
LATLON	-	-60.00000	10,668 m		
3700N06500W	-	37.00000	35,000 ft	265	-
LATLON	-	-65.00000	10,668 m		
KWLT	-	36.90270	35,000 ft	20	-
FIX	-	-65.41037	10,668 m		
LACKI	A647	33.48836	35,000 ft	282	-
FIX	AWY-LO	-69.37967	10,668 m		
TETTI	A647	31.79635	35,000 ft	136	-
FIX	AWY-LO	-71.18603	10,668 m		
DRIBL	A647	30.30754	35,000 ft	126	-
FIX	AWY-LO	-72.91709	10,668 m		
SUMRS	R514	28.71169	35,000 ft	213	-
FIX	AWY-LO	-76.55850	10,668 m		
LOUIZ	A699	28.47283	35,000 ft	27	-
FIX	AWY-LO	-77.00000	10,668 m		
NUCAR	N28C	28.12603	35,000 ft	39	-
FIX	AWY-HI	-77.63300	10,668 m		
STIFF	A699	27.60518	35,000 ft	62	-
FIX	AWY-LO	-78.64612	10,668 m		
RAMJT	A699	27.52044	35,000 ft	8	-
FIX	AWY-LO	-78.78000	10,668 m		
PERMT	A699	27.41420	35,000 ft	10	-
FIX	AWY-LO	-78.94727	10,668 m		
PBI	A699	26.68006	35,000 ft	75	PALM BEACH VORTAC
VOR	AWY-LO	-80.08650	10,668 m		
DHP	J79	25.79997	35,000 ft	54	DOLPHIN VORTAC
VOR	AWY-HI	-80.34903	10,668 m		
DVALL	J79	25.51469	35,000 ft	39	-
FIX	AWY-HI	-80.99896	10,668 m		
CARNU	V157	25.13837	30,700 ft	28	-
FIX	AWY-LO	-81.32559	9,357 m		
EYW	J79	24.58588	21,700 ft	42	KEY WEST VORTAC
DME	AWY-HI	-81.80048	6,614 m		
MUHA	-	22.98915	0 ft	101	Havana Jose Marti Intl
APT	-	-82.40909	0 m		

LIMC

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 767 ft / 234 m
Location: 45.630600 8.728120
Magnetic Var: 3.131 E

METAR

LIMC 090750Z 02003KT 330V060 CAVOK 22/17 Q1008 NOSIG

TAF

TAF LIMC 090500Z 0906/1012 VRB05KT 9999 SCT040 TEMPO 0912/0924 4000 TSRA

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	165.93		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	165.93		939 m	63 m
35R	197 ft	12,873 ft	349.07	ASPHALT	0 ft	180 ft
	60 m	3,924 m	345.94		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	345.93		780 m
17L	GS	IMSL	110.75 MHz	10 nm	170.24	3.00	792 ft
				19 km	167.11		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	347.11		740 m

MUHA

Region: CUBA
Timezone: AMERICA/HAVANA
Runways: 1

Elevation: 208 ft / 63 m
Location: 22.989100 -82.409100
Magnetic Var: 5.667 W

METAR

MUHA 090750Z 15005KT 120V180 9000 FEW020 26/24 Q1013

TAF

TAF MUHA 090500Z 0906/1006 VRB05KT 9000 SCT020 BECMG 0913/0915 18007KT TEMPO 0917/0924 3000 TSRA SCT018CB BKN020

Frequencies

REC - 132.50 MHz - ATIS
TWR - 118.10 MHz - MARTI TOWER

GND - 121.90 MHz - MARTI GROUND
APP - 120.30 MHz - HABANA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	151 ft	13,135 ft	54.19	ASPHALT	0 ft	469 ft
	46 m	4,004 m	59.86		0 m	143 m
24	151 ft	13,135 ft	234.21	ASPHALT	0 ft	197 ft
	46 m	4,004 m	239.87		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	LOC-ILS	IHA	110.50 MHz	18 nm	54.21	-	209 ft
				33 km	59.88		209 m
06	GS	IHA	110.50 MHz	10 nm	54.21	3.00	209 ft
				19 km	59.88		209 m