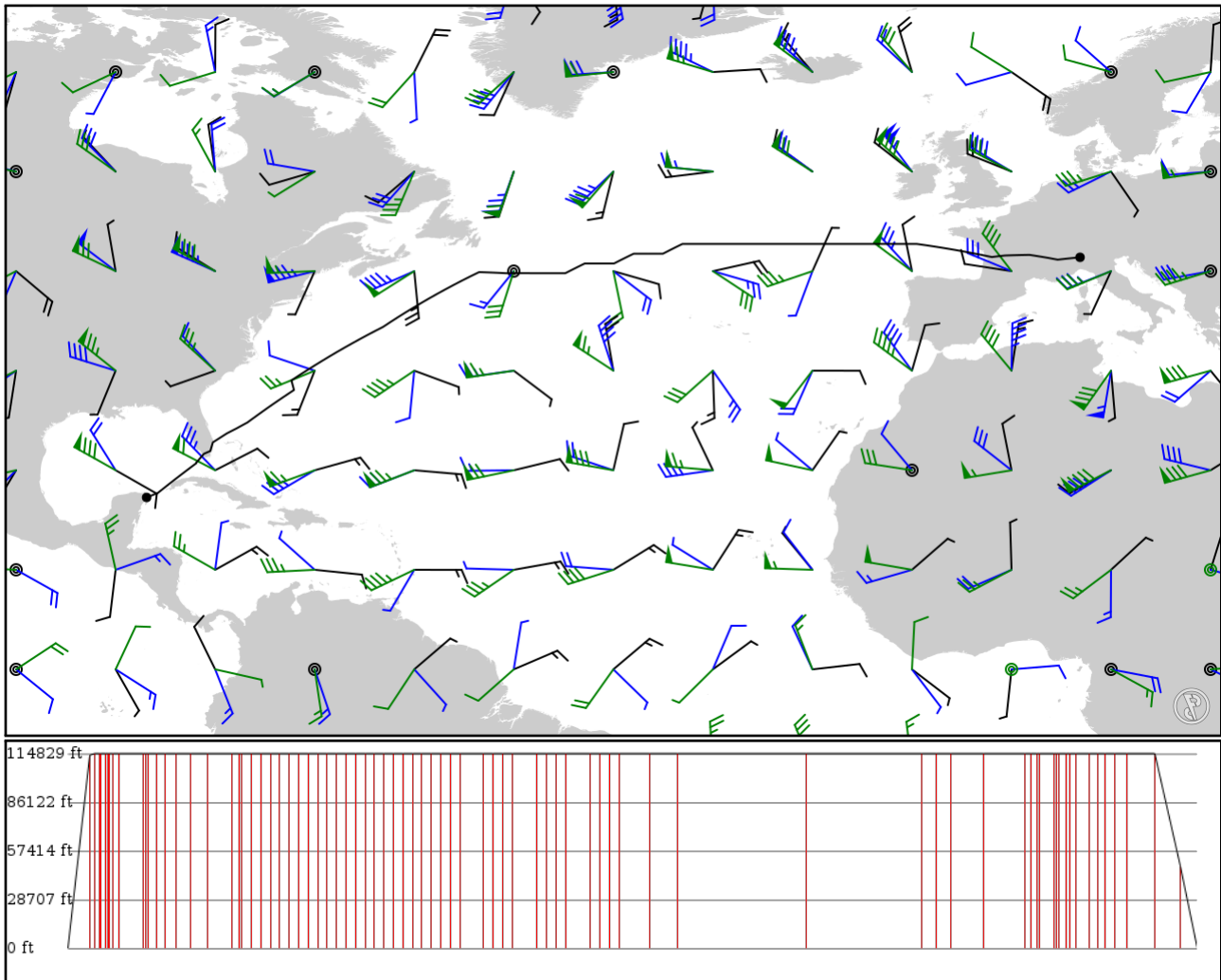


2024/05/03 0136Z

LIMC GIGUS **UP860** TIS **UN460** CNA **UN470** SEPAL 4700N0-900W 4700N0-1000W 4700N0-1100W 4700N0-1200W  
4700N0-1300W 4700N0-1400W 4700N0-1500W 4700N0-1600W 4700N0-1700W 4700N0-1800W 4700N0-1900W  
4700N0-2000W 4700N0-2100W 4700N0-2200W 4700N0-2300W 4700N0-2400W 4700N0-2500W 4700N0-2600W  
4700N0-2700W 4700N0-2800W 4700N0-2900W 4700N0-3000W 4700N0-3100W 4700N0-3200W 4600N0-3400W  
4600N0-3500W 4600N0-3600W 4600N0-3700W 4500N0-3900W 4500N0-4000W 4500N0-4100W 4500N0-4200W  
4400N0-4400W 4400N0-4500W 4400N0-4600W 4400N0-4700W 44/50 BOBTU **M203** LSIER **L453** ALOBI **M204** SUMRS  
**A699** PBI **J79** EYW FIS **G765** MAXIM **UG765** NUKAN MMUN

4883.90 nm / 9044.99 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- 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 "Citta di Milano"
APT	-	8.72812	0 m	-	
GIGUS	-	45.38970	34,700 ft	97	-
FIX	-	6.44167	10,577 m	-	
BALSI	UP860	45.47740	35,000 ft	20	-
FIX	AWY-HI	5.96075	10,668 m	-	
GIPNO	UP860	45.56000	35,000 ft	18	-
FIX	AWY-HI	5.52917	10,668 m	-	
RUBLO	UP860	45.59060	35,000 ft	7	-
FIX	AWY-HI	5.35028	10,668 m	-	
RUSIT	UP860	45.66810	35,000 ft	19	-
FIX	AWY-HI	4.89056	10,668 m	-	
MEBAK	UP860	45.70800	35,000 ft	10	-
FIX	AWY-HI	4.64886	10,668 m	-	
MADOT	UP860	45.73010	35,000 ft	5	-
FIX	AWY-HI	4.51400	10,668 m	-	
BELEP	UP860	45.79160	35,000 ft	16	-
FIX	AWY-HI	4.13161	10,668 m	-	
TIS	UP860	45.88180	35,000 ft	24	THIERS
VOR	AWY-HI	3.55358	10,668 m	-	
LMG	UN460	45.81590	35,000 ft	105	LIMOGES
VOR	AWY-HI	1.02558	10,668 m	-	
DIBAG	UN460	45.78940	35,000 ft	10	-
FIX	AWY-HI	0.78750	10,668 m	-	
FOUCO	UN460	45.75470	35,000 ft	13	-
FIX	AWY-HI	0.48056	10,668 m	-	
CNA	UN460	45.65960	35,000 ft	33	COGNAC CHATEAUBERNARD
VOR	AWY-HI	-0.31164	10,668 m	-	
DILRA	UN470	45.85000	35,000 ft	39	-
FIX	AWY-HI	-1.22556	10,668 m	-	
GODEM	UN470	46.05190	35,000 ft	44	-
FIX	AWY-HI	-2.25000	10,668 m	-	
NOVAN	UN470	46.32220	35,000 ft	62	-
FIX	AWY-HI	-3.69917	10,668 m	-	
KOLEK	UN470	46.61280	35,000 ft	72	-
FIX	AWY-HI	-5.40806	10,668 m	-	
LAPEX	UN470	47.00000	35,000 ft	109	-
FIX	AWY-HI	-8.00000	10,668 m	-	
SEPAL	UN470	47.00000	35,000 ft	30	-
FIX	AWY-HI	-8.75000	10,668 m	-	
4700N0-900W	-	47.00000	35,000 ft	10	-
LATLON	-	-9.00000	10,668 m	-	
4700N0-1000W	-	47.00000	35,000 ft	40	-
LATLON	-	-10.00000	10,668 m	-	
4700N0-1100W	-	47.00000	35,000 ft	40	-
LATLON	-	-11.00000	10,668 m	-	
4700N0-1200W	-	47.00000	35,000 ft	40	-
LATLON	-	-12.00000	10,668 m	-	
4700N0-1300W	-	47.00000	35,000 ft	40	-
LATLON	-	-13.00000	10,668 m	-	
4700N0-1400W	-	47.00000	35,000 ft	40	-
LATLON	-	-14.00000	10,668 m	-	
4700N0-1500W	-	47.00000	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-15.00000	10,668 m		
4700N0-1600W	-	47.00000	35,000 ft 40	-	
LATLON	-	-16.00000	10,668 m		
4700N0-1700W	-	47.00000	35,000 ft 40	-	
LATLON	-	-17.00000	10,668 m		
4700N0-1800W	-	47.00000	35,000 ft 40	-	
LATLON	-	-18.00000	10,668 m		
4700N0-1900W	-	47.00000	35,000 ft 40	-	
LATLON	-	-19.00000	10,668 m		
4700N0-2000W	-	47.00000	35,000 ft 40	-	
LATLON	-	-20.00000	10,668 m		
4700N0-2100W	-	47.00000	35,000 ft 40	-	
LATLON	-	-21.00000	10,668 m		
4700N0-2200W	-	47.00000	35,000 ft 40	-	
LATLON	-	-22.00000	10,668 m		
4700N0-2300W	-	47.00000	35,000 ft 40	-	
LATLON	-	-23.00000	10,668 m		
4700N0-2400W	-	47.00000	35,000 ft 40	-	
LATLON	-	-24.00000	10,668 m		
4700N0-2500W	-	47.00000	35,000 ft 40	-	
LATLON	-	-25.00000	10,668 m		
4700N0-2600W	-	47.00000	35,000 ft 40	-	
LATLON	-	-26.00000	10,668 m		
4700N0-2700W	-	47.00000	35,000 ft 40	-	
LATLON	-	-27.00000	10,668 m		
4700N0-2800W	-	47.00000	35,000 ft 40	-	
LATLON	-	-28.00000	10,668 m		
4700N0-2900W	-	47.00000	35,000 ft 40	-	
LATLON	-	-29.00000	10,668 m		
4700N0-3000W	-	47.00000	35,000 ft 40	-	
LATLON	-	-30.00000	10,668 m		
4700N0-3100W	-	47.00000	35,000 ft 40	-	
LATLON	-	-31.00000	10,668 m		
4700N0-3200W	-	47.00000	35,000 ft 40	-	
LATLON	-	-32.00000	10,668 m		
4600N0-3400W	-	46.00000	35,000 ft 102	-	
LATLON	-	-34.00000	10,668 m		
4600N0-3500W	-	46.00000	35,000 ft 41	-	
LATLON	-	-35.00000	10,668 m		
4600N0-3600W	-	46.00000	35,000 ft 41	-	
LATLON	-	-36.00000	10,668 m		
4600N0-3700W	-	46.00000	35,000 ft 41	-	
LATLON	-	-37.00000	10,668 m		
4500N0-3900W	-	45.00000	35,000 ft 103	-	
LATLON	-	-39.00000	10,668 m		
4500N0-4000W	-	45.00000	35,000 ft 42	-	
LATLON	-	-40.00000	10,668 m		
4500N0-4100W	-	45.00000	35,000 ft 42	-	
LATLON	-	-41.00000	10,668 m		
4500N0-4200W	-	45.00000	35,000 ft 42	-	
LATLON	-	-42.00000	10,668 m		
4400N0-4400W	-	44.00000	35,000 ft 104	-	
LATLON	-	-44.00000	10,668 m		
4400N0-4500W	-	44.00000	35,000 ft 43	-	
LATLON	-	-45.00000	10,668 m		
4400N0-4600W	-	44.00000	35,000 ft 43	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-46.00000	10,668 m		
4400N0-4700W	-	44.00000	35,000 ft	43	-
LATLON	-	-47.00000	10,668 m		
44/50	-	44.00000	35,000 ft	129	-
LATLON	-	-50.00000	10,668 m		
BOBTU	-	44.11720	35,000 ft	122	-
FIX	-	-52.82220	10,668 m		
SELIM	M203	38.50000	35,000 ft	557	-
FIX	AWY-HI	-62.66890	10,668 m		
PERDO	M203	33.68720	35,000 ft	498	-
FIX	AWY-HI	-71.03700	10,668 m		
LSIER	M203	33.02800	35,000 ft	64	-
FIX	AWY-HI	-72.04180	10,668 m		
ALOB	L453	32.04540	35,000 ft	60	-
FIX	AWY-HI	-71.78000	10,668 m		
FLUPS	M204	30.57670	35,000 ft	142	-
FIX	AWY-HI	-73.95680	10,668 m		
SUMRS	M204	28.71170	35,000 ft	176	-
FIX	AWY-HI	-76.55850	10,668 m		
LOUIZ	A699	28.47280	35,000 ft	27	-
FIX	AWY-HI	-77.00000	10,668 m		
HOOKY	A699	28.21430	35,000 ft	29	-
FIX	AWY-HI	-77.47290	10,668 m		
NUCAR	A699	28.12600	35,000 ft	9	-
FIX	AWY-HI	-77.63300	10,668 m		
STIFF	A699	27.60520	35,000 ft	62	-
FIX	AWY-HI	-78.64610	10,668 m		
RAMJT	A699	27.52040	35,000 ft	8	-
FIX	AWY-HI	-78.78000	10,668 m		
PERMT	A699	27.41420	35,000 ft	10	-
FIX	AWY-HI	-78.94730	10,668 m		
AMNDA	A699	27.10000	35,000 ft	32	-
FIX	AWY-HI	-79.43640	10,668 m		
SLIDZ	A699	26.92360	35,000 ft	18	-
FIX	AWY-HI	-79.70850	10,668 m		
PBI	A699	26.68010	35,000 ft	24	PALM BEACH
VOR	AWY-HI	-80.08650	10,668 m		
DHP	J79	25.80000	35,000 ft	54	DOLPHIN (MIAMI)
VOR	AWY-HI	-80.34900	10,668 m		
DVALL	J79	25.51470	35,000 ft	39	-
FIX	AWY-HI	-80.99900	10,668 m		
CARNU	J79	25.13840	35,000 ft	28	-
FIX	AWY-HI	-81.32560	10,668 m		
EYW	J79	24.58590	35,000 ft	42	KEY WEST
VOR	AWY-HI	-81.80050	10,668 m		
FIS	-	24.54830	35,000 ft	2	FISH HOOK (KEY WEST)
NDB	-	-81.78640	10,668 m		
MAXIM	G765	24.00000	35,000 ft	51	-
FIX	AWY-HI	-82.51880	10,668 m		
ANALI	UG765	22.69560	35,000 ft	122	-
FIX	AWY-HI	-84.21830	10,668 m		
NUKAN	UG765	21.49280	14,800 ft	111	-
FIX	AWY-HI	-85.73810	4,511 m		
MMUN	-	21.04210	0 ft	69	Cancun Intl
APT	-	-86.87350	0 m		

## LIMC

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 2

Elevation: 767 ft / 234 m  
Location: 45.630600 8.728120  
Magnetic Var: 3.120 E

## METAR

LIMC 030050Z 34003KT 9999 BKN060 10/09 Q1009 NOSIG

## TAF

TAF LIMC 022300Z 0300/0406 VRB05KT 9999 FEW020 SCT070 BECMG 0318/0320 35010KT TEMPO 0318/0322 4000 SHRA BECMG 0400

## 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	345.95		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	165.94		697 m
35L	LOC-ILS	IMA	109.10 MHz	18 nm	349.07	-	767 ft
				33 km	345.95		767 m
35R	LOC-ILS	MLP	109.90 MHz	18 nm	349.07	-	780 ft
				33 km	345.95		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	347.12		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.12		740 m

## MMUN

Region: MEXICO  
Timezone: AMERICA/CANCUN  
Runways: 2

Elevation: 22 ft / 7 m  
Location: 21.042100 -86.873500  
Magnetic Var: 2.717 W

## METAR

UNKNOWN

## TAF

TAF MMUN 022328Z 0300/0400 14010KT P6SM SCT015 TX31/0317Z TN24/0309Z FM030600 09006KT P6SM BKN015 FM031400 12015K

## Frequencies

REC - 127.70 MHz - ATIS	REC - 122.30 MHz - CANCUN INFO
GND - 121.00 MHz - CANCUN GROUND	GND - 121.70 MHz - CANCUN GROUND
TWR - 118.10 MHz - CANCUN TOWER	TWR - 118.60 MHz - CANCUN TOWER
CLD - 122.10 MHz - CLEARANCE DELIVERY	APP - 124.70 MHz - CANCUN APPROACH
APP - 123.20 MHz - CANCUN ARRIVAL	DEP - 124.20 MHz - CANCUN DEPARTURE
DEP - 123.50 MHz - CANCUN DEPARTURE	GND - 130.50 MHz - GENERAL AVIATION RAMP CONTROL
APP - 125.20 MHz - MERIDA CONTROL	APP - 125.80 MHz - MERIDA CONTROL
APP - 128.00 MHz - MERIDA CONTROL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	190 ft	11,550 ft	123.85	ASPHALT	0 ft	476 ft
	58 m	3,520 m	126.56		0 m	145 m
30L	190 ft	11,550 ft	303.86	ASPHALT	0 ft	443 ft
	58 m	3,520 m	306.57		0 m	135 m
12L	148 ft	9,189 ft	123.84	ASPHALT	0 ft	72 ft
	45 m	2,801 m	126.55		0 m	22 m
30R	148 ft	9,189 ft	303.84	ASPHALT	0 ft	98 ft
	45 m	2,801 m	306.56		0 m	30 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	INCP	110.70 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
12R	DME	ICUN	111.10 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
12L	LOC-ILS	INCP	110.70 MHz	18 nm	123.84	-	21 ft
				33 km	126.56		21 m
12R	LOC-ILS	ICUN	111.10 MHz	18 nm	123.85	-	21 ft
				33 km	126.57		21 m
12L	GS	INCP	110.70 MHz	10 nm	123.84	3.00	21 ft
				19 km	126.56		21 m
12R	GS	ICUN	111.10 MHz	10 nm	123.85	3.00	21 ft
				19 km	126.57		21 m