

LIMC

Milano-Malpensa

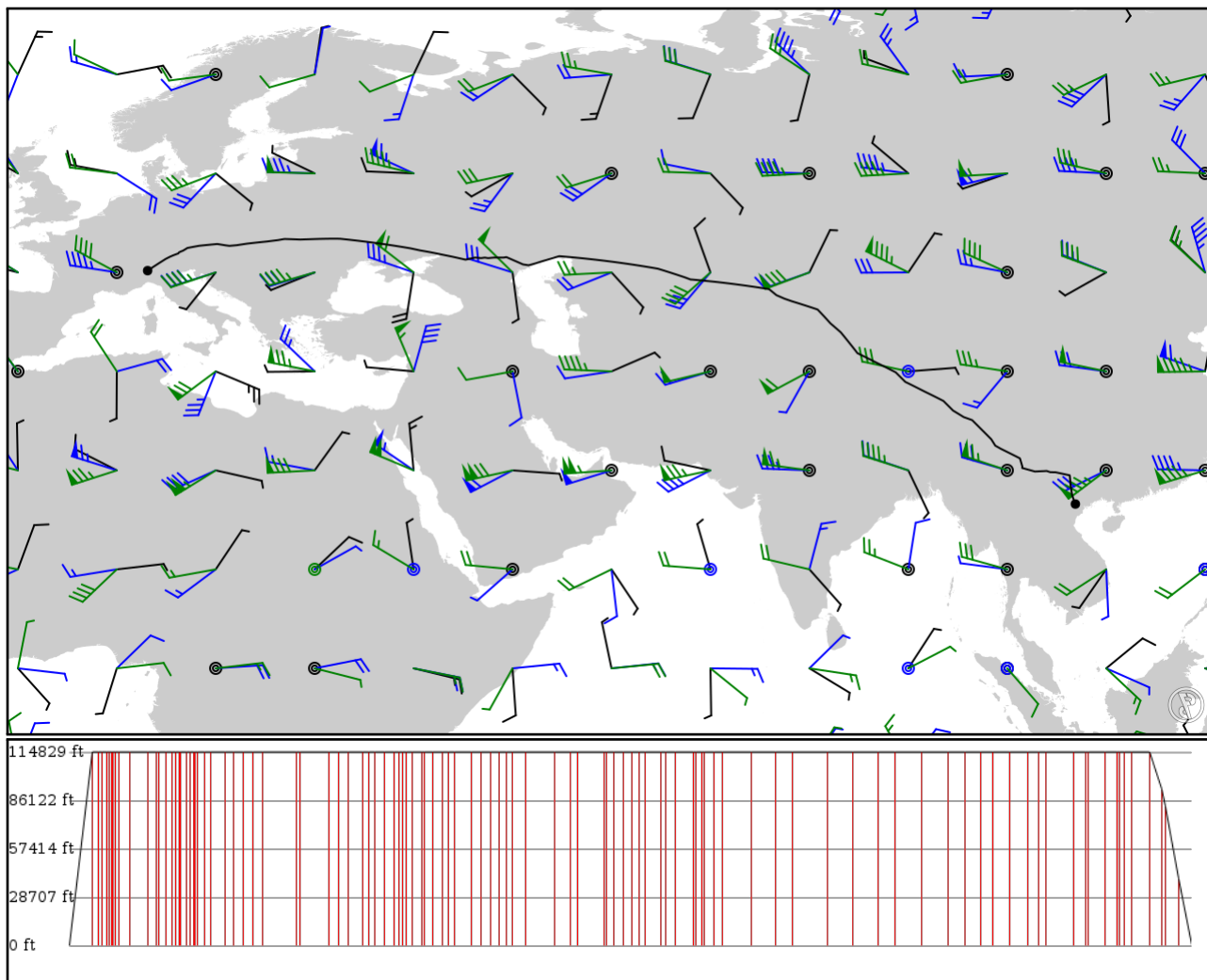
VVNB

Noi Bai Intl

2024/05/28 0929Z

LIMC NATAG NIGEB INN **Y703** RTT ERKIR MODSA PITAR UNKEN **T701** SBG **J21** STO TOVKA **M141** OKR **R23** NIT **A42**
MALBE **P27** VI **M141** IVF **M991** NIROV **L984** RAVID **B493** ARLEB 4700N04300E BAKAM BEBMI BAGON 4700N04500E
4700N04600E LIDUS **W87** AST ZG **G487** ATR **A356** KZO KZO **A356** TOMGO **A355** MNS **L147** KAMUD LESVI TAPUG
3700N08300E 3600N08500E 3500N08700E 3400N08800E 3300N09000E 3200N09200E 3100N09300E LEDIM
3000N09500E 2900N09600E 2800N09700E PT 2700N09800E NIVUX **L888** UPGED **W162** BUBSU **W146** XSJ **W148** LXI
A599 ADBAG **R471** MEOVA **W22** DILEN VVNB

5026.42 nm / 9308.93 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
APT	-	8.72812	0 m		
NATAG	-	46.85800	35,000 ft	107	-
FIX	-	10.61870	10,668 m		
NIGEB	-	47.08910	35,000 ft	23	-
FIX	-	11.07690	10,668 m		
INN	-	47.23000	35,000 ft	15	INNSBRUCK
NDB	-	11.40190	10,668 m		
RTT	Y703	47.43090	35,000 ft	25	RATTENBERG
NDB	AWY-HI	11.94010	10,668 m		
ERKIR	-	47.53780	35,000 ft	7	-
FIX	-	12.00890	10,668 m		
MODSA	-	47.64170	35,000 ft	10	-
FIX	-	12.23220	10,668 m		
PITAR	-	47.71750	35,000 ft	9	-
FIX	-	12.42610	10,668 m		
UNKEN	-	47.82170	35,000 ft	9	-
FIX	-	12.60110	10,668 m		
SBG	T701	48.00260	35,000 ft	15	SALZBURG
VOR	AWY-HI	12.89280	10,668 m		
LNZ	J21	48.22970	35,000 ft	50	LINZ
VOR	AWY-LO	14.10320	10,668 m		
STO	J21	48.41710	35,000 ft	77	STOCKERAU
VOR	AWY-LO	16.01860	10,668 m		
TOVKA	-	48.27030	35,000 ft	37	-
FIX	-	16.92640	10,668 m		
OKR	M141	48.22390	35,000 ft	14	STEFANIK NORTH
NDB	AWY-LO	17.29030	10,668 m		
NIT	R23	48.29060	35,000 ft	30	NITRA
VOR	AWY-LO	18.05060	10,668 m		
ULPIS	A42	48.39360	35,000 ft	27	-
FIX	AWY-LO	18.71640	10,668 m		
SLC	A42	48.45330	35,000 ft	16	SLIAC
VOR	AWY-LO	19.11590	10,668 m		
KULIN	A42	48.49220	35,000 ft	13	-
FIX	AWY-LO	19.45140	10,668 m		
TAGOD	A42	48.51080	35,000 ft	6	-
FIX	AWY-LO	19.61580	10,668 m		
TAKOS	A42	48.58250	35,000 ft	26	-
FIX	AWY-LO	20.26670	10,668 m		
DEDIS	A42	48.63060	35,000 ft	18	-
FIX	AWY-LO	20.72560	10,668 m		
EXIDA	A42	48.66750	35,000 ft	14	-
FIX	AWY-LO	21.09110	10,668 m		
KSC	A42	48.68310	35,000 ft	6	KOSICE
VOR	AWY-LO	21.24820	10,668 m		
EBENI	A42	48.72750	35,000 ft	13	-
FIX	AWY-LO	21.59280	10,668 m		
MALBE	A42	48.82390	35,000 ft	31	-
FIX	AWY-LO	22.37500	10,668 m		
VI	P27	48.94080	35,000 ft	27	VERHNIE
NDB	AWY-HI	23.04440	10,668 m		
IVF	M141	48.88420	35,000 ft	65	IVANO-FRANKIVSK

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	24.69140	10,668 m		
GOTRA	M991	48.91330	35,000 ft	35	-
FIX	AWY-HI	25.59830	10,668 m		
OTRAK	M991	48.94890	35,000 ft	42	-
FIX	AWY-HI	26.68610	10,668 m		
TAKET	M991	48.97000	35,000 ft	45	-
FIX	AWY-HI	27.84170	10,668 m		
NIROV	M991	48.96640	35,000 ft	39	-
FIX	AWY-HI	28.84920	10,668 m		
LORDU	L984	48.52440	35,000 ft	150	-
FIX	AWY-HI	32.60140	10,668 m		
OSLAN	L984	48.47140	35,000 ft	15	-
FIX	AWY-HI	32.98440	10,668 m		
BULIG	L984	47.96670	35,000 ft	132	-
FIX	AWY-HI	36.21670	10,668 m		
RAVID	L984	47.74890	35,000 ft	42	-
FIX	AWY-HI	37.22530	10,668 m		
FASAD	B493	47.55500	35,000 ft	45	-
FIX	AWY-HI	38.31330	10,668 m		
RND	B493	47.25210	35,000 ft	63	ROSTOV-NA-DONU
VOR	AWY-HI	39.81330	10,668 m		
OGURA	B493	47.12470	35,000 ft	27	-
FIX	AWY-HI	40.44830	10,668 m		
GINSA	B493	46.98470	35,000 ft	27	-
FIX	AWY-HI	41.09170	10,668 m		
ARLEB	B493	46.77970	35,000 ft	39	-
FIX	AWY-HI	42.00000	10,668 m		
4700N04300E	-	47.00000	35,000 ft	43	-
LATLON	-	43.00000	10,668 m		
BAKAM	-	46.94330	35,000 ft	26	-
FIX	-	43.63110	10,668 m		
BEBMI	-	46.99610	35,000 ft	15	-
FIX	-	44.00830	10,668 m		
BAGON	-	46.94110	35,000 ft	14	-
FIX	-	44.35250	10,668 m		
4700N04500E	-	47.00000	35,000 ft	26	-
LATLON	-	45.00000	10,668 m		
4700N04600E	-	47.00000	35,000 ft	40	-
LATLON	-	46.00000	10,668 m		
LIDUS	-	47.04830	35,000 ft	11	-
FIX	-	46.26690	10,668 m		
OMIRA	W87	46.69500	35,000 ft	39	-
FIX	AWY-HI	47.07190	10,668 m		
AST	W87	46.28120	35,000 ft	46	ASTRAKHAN
VOR	AWY-HI	48.00920	10,668 m		
ZG	-	46.19000	35,000 ft	25	ZELENGA
NDB	-	48.60080	10,668 m		
OBATA	G487	46.35830	35,000 ft	26	-
FIX	AWY-HI	49.19670	10,668 m		
TUGLA	G487	46.86170	35,000 ft	74	-
FIX	AWY-HI	50.83500	10,668 m		
ATR	G487	47.14390	35,000 ft	43	ATYRAU
VOR	AWY-HI	51.80150	10,668 m		
GOGDI	A356	47.05560	35,000 ft	43	-
FIX	AWY-HI	52.84860	10,668 m		
LEPSI	A356	46.96390	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	53.83060	10,668 m		
RIKRI	A356	46.88860	35,000 ft	30	-
FIX	AWY-HI	54.57310	10,668 m		
PEMOL	A356	46.81140	35,000 ft	29	-
FIX	AWY-HI	55.28890	10,668 m		
TISRA	A356	46.64750	35,000 ft	58	-
FIX	AWY-HI	56.68330	10,668 m		
ABDUN	A356	46.22690	35,000 ft	128	-
FIX	AWY-HI	59.72110	10,668 m		
SANUR	A356	45.95470	35,000 ft	72	-
FIX	AWY-HI	61.41280	10,668 m		
NKZ	A356	45.83110	35,000 ft	30	NOVOKAZALINSK
VOR	AWY-HI	62.12750	10,668 m		
AGMUR	A356	45.01560	35,000 ft	118	-
FIX	AWY-HI	64.68500	10,668 m		
BUDET	A356	44.91860	35,000 ft	13	-
FIX	AWY-HI	64.97330	10,668 m		
KZO	A356	44.69580	35,000 ft	28	KYZYLORDA
VOR	AWY-HI	65.56360	10,668 m		
KZO	-	44.70670	35,000 ft	1	KYZYLORDA VOR-DME
DME	-	65.60000	10,668 m		
DIKAM	A356	44.61390	35,000 ft	43	-
FIX	AWY-HI	66.59860	10,668 m		
LUKUR	A356	44.52000	35,000 ft	40	-
FIX	AWY-HI	67.54060	10,668 m		
REMOL	A356	44.45110	35,000 ft	29	-
FIX	AWY-HI	68.21060	10,668 m		
TUROK	A356	44.37060	35,000 ft	30	-
FIX	AWY-HI	68.91310	10,668 m		
GAMBU	A356	44.18500	35,000 ft	64	-
FIX	AWY-HI	70.40030	10,668 m		
KUGIR	A356	44.10690	35,000 ft	25	-
FIX	AWY-HI	70.98500	10,668 m		
RISAS	A356	43.98170	35,000 ft	39	-
FIX	AWY-HI	71.87970	10,668 m		
TOMGO	A356	43.69610	35,000 ft	82	-
FIX	AWY-HI	73.74830	10,668 m		
BASAN	A355	43.57220	35,000 ft	10	-
FIX	AWY-HI	73.90810	10,668 m		
RODAM	A355	43.23000	35,000 ft	27	-
FIX	AWY-HI	74.32610	10,668 m		
MNS	A355	43.06690	35,000 ft	12	MANAS
VOR	AWY-HI	74.52090	10,668 m		
RAXAT	L147	42.70190	35,000 ft	42	-
FIX	AWY-HI	75.35860	10,668 m		
BALVU	L147	42.43140	35,000 ft	37	-
FIX	AWY-HI	76.13030	10,668 m		
KAMUD	L147	41.56670	35,000 ft	131	-
FIX	AWY-HI	78.83330	10,668 m		
LESVI	-	40.12000	35,000 ft	106	-
FIX	-	80.17170	10,668 m		
TAPUG	-	39.17500	35,000 ft	75	-
FIX	-	81.26000	10,668 m		
3700N08300E	-	37.00000	35,000 ft	154	-
LATLON	-	83.00000	10,668 m		
3600N08500E	-	36.00000	35,000 ft	113	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	85.00000	10,668 m		
3500N08700E	-	35.00000	35,000 ft	114	-
LATLON	-	87.00000	10,668 m		
3400N08800E	-	34.00000	35,000 ft	77	-
LATLON	-	88.00000	10,668 m		
3300N09000E	-	33.00000	35,000 ft	116	-
LATLON	-	90.00000	10,668 m		
3200N09200E	-	32.00000	35,000 ft	117	-
LATLON	-	92.00000	10,668 m		
3100N09300E	-	31.00000	35,000 ft	78	-
LATLON	-	93.00000	10,668 m		
LEDIM	-	30.31670	35,000 ft	70	-
FIX	-	94.11670	10,668 m		
3000N09500E	-	30.00000	35,000 ft	49	-
LATLON	-	95.00000	10,668 m		
2900N09600E	-	29.00000	35,000 ft	79	-
LATLON	-	96.00000	10,668 m		
2800N09700E	-	28.00000	35,000 ft	79	-
LATLON	-	97.00000	10,668 m		
PT	-	27.32600	35,000 ft	46	PUTAO
NDB	-	97.42420	10,668 m		
2700N09800E	-	27.00000	35,000 ft	36	-
LATLON	-	98.00000	10,668 m		
NIVUX	-	26.00000	35,000 ft	123	-
FIX	-	100.00000	10,668 m		
UPGED	L888	25.13830	35,000 ft	53	-
FIX	AWY-HI	100.25700	10,668 m		
BUBSU	W162	24.99330	35,000 ft	8	-
FIX	AWY-HI	100.23700	10,668 m		
GULOT	W146	24.62330	35,000 ft	75	-
FIX	AWY-HI	101.56500	10,668 m		
IDPUG	W146	24.66830	35,000 ft	54	-
FIX	AWY-HI	102.56800	10,668 m		
XSJ	W146	24.68330	35,000 ft	12	JINNING
VOR	AWY-HI	102.80000	10,668 m		
IGRID	W148	24.55330	35,000 ft	22	-
FIX	AWY-HI	103.18500	10,668 m		
LXI	W148	24.54170	35,000 ft	30	LUXI
VOR	AWY-HI	103.74300	10,668 m		
ADBAG	A599	24.22170	35,000 ft	82	-
FIX	AWY-HI	105.21700	10,668 m		
KATBO	R471	23.36000	28,300 ft	51	-
FIX	AWY-HI	105.29200	8,626 m		
MEOVA	R471	23.11500	25,200 ft	14	-
FIX	AWY-HI	105.31000	7,681 m		
DILEN	W22	22.10980	12,100 ft	61	-
FIX	AWY-HI	105.47000	3,688 m		
VVNB	-	21.22030	0 ft	56	Noi Bai Intl
APT	-	105.80600	0 m		

LIMC

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 767 ft / 234 m
Location: 45.630600 8.728120
Magnetic Var: 3.128 E

METAR

LIMC 280850Z VRB02KT CAVOK 22/12 Q1015 NOSIG

TAF

TAF LIMC 280500Z 2806/2912 VRB05KT 9999 BKN050 TEMPO 2812/2815 SHRA TEMPO 2910/2912 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	165.94		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	345.94		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

VVNB

Region: VIETNAM
Timezone: ASIA/HO_CHI_MINH
Runways: 2

Elevation: 39 ft / 12 m
Location: 21.220300 105.806000
Magnetic Var: 1.636 W

METAR

VVNB 280900Z 25005KT 210V290 9999 FEW031 35/26 Q0999 NOSIG

TAF

TAF VVNB 280500Z 2806/2906 07006KT 9999 SCT025 TEMPO 2809/2815 4000 TSRA BKN015 FEW030CB

Frequencies

GND - 121.90 MHz - NOI BAI GROUND	TWR - 118.40 MHz - NOI BAI TOWER
TWR - 118.90 MHz - NOI BAI TOWER	REC - 127.00 MHz - ATIS
DEP - 125.10 MHz - NOI BAI DEPARTURE	DEP - 126.57 MHz - NOI BAI DEPARTURE
APP - 121.00 MHz - NOI BAI APPROACH	APP - 120.07 MHz - NOI BAI APPROACH
CLD - 119.25 MHz - NOI BAI CLEARANCE DELIVERY	CLD - 125.22 MHz - NOI BAI CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11L	148 ft	10,506 ft	107.22	ASPHALT	0 ft	315 ft
	45 m	3,202 m	108.86		0 m	96 m
29R	148 ft	10,506 ft	287.23	ASPHALT	0 ft	322 ft
	45 m	3,202 m	288.87		0 m	98 m
11R	148 ft	12,457 ft	107.23	CONCRETE	0 ft	325 ft
	45 m	3,797 m	108.86		0 m	99 m
29L	148 ft	12,457 ft	287.24	CONCRETE	0 ft	325 ft
	45 m	3,797 m	288.88		0 m	99 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11L	DME	NB	110.50 MHz	18 nm	-	-	39 ft
				33 km	-		39 m
11L	LOC-ILS	NB	110.50 MHz	18 nm	107.23	-	39 ft
				33 km	108.87		39 m
11R	LOC-ILS	NBA	108.30 MHz	18 nm	107.23	-	39 ft
				33 km	108.87		39 m
29L	LOC-ILS	INB	111.90 MHz	18 nm	287.23	-	39 ft
				33 km	288.87		39 m
11L	GS	NB	110.50 MHz	10 nm	107.23	3.00	39 ft
				19 km	108.87		39 m
11R	GS	NBA	108.30 MHz	10 nm	107.23	3.00	39 ft
				19 km	108.87		39 m
29L	GS	INB	111.90 MHz	10 nm	287.23	3.00	39 ft
				19 km	288.87		39 m