

KEWR

Newark Liberty Intl

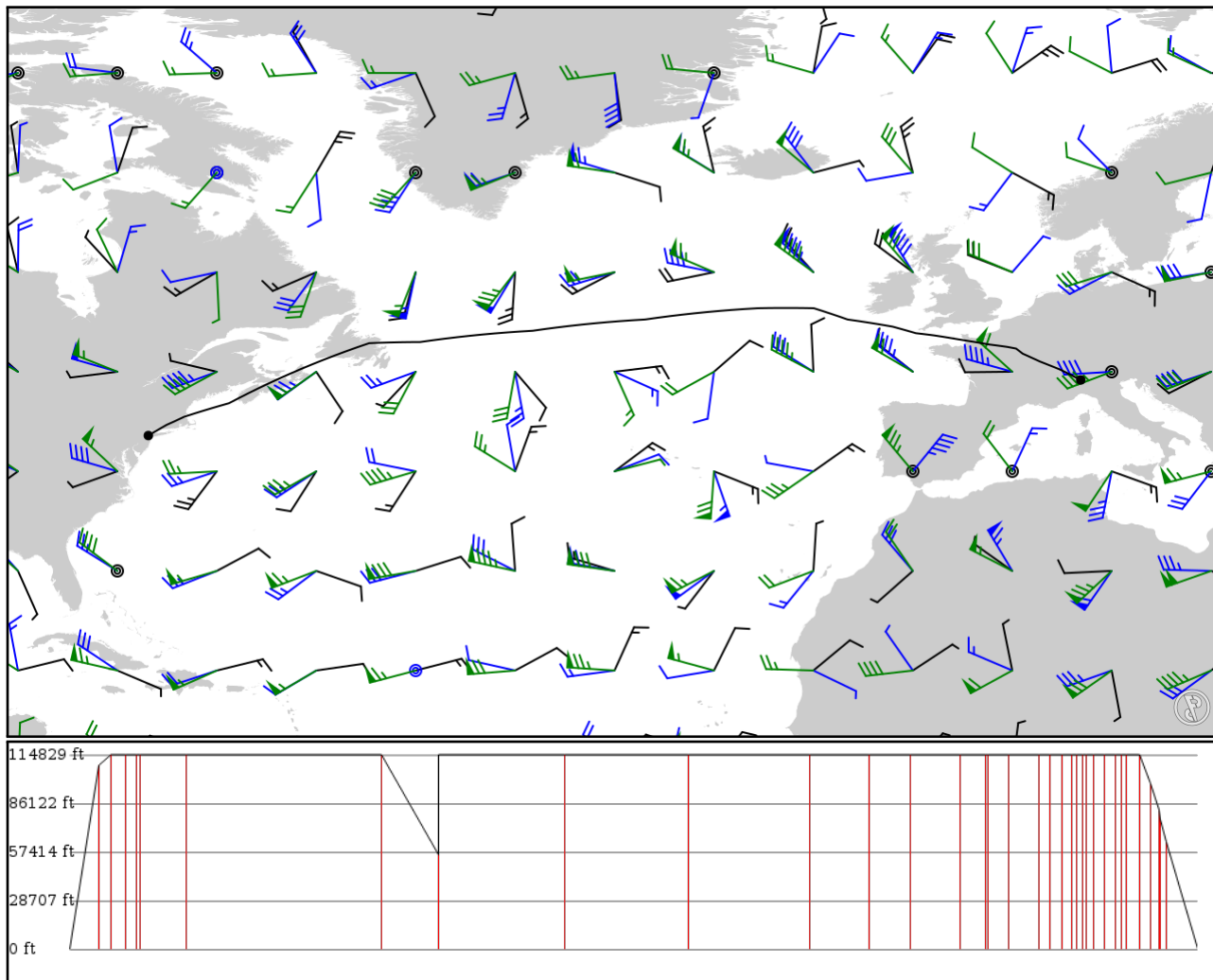
LIMC

Milano Malpensa

2024/05/14 1145Z

KEWR HFD **J42** BOS **J575** TUSKY **N124B** YQX **5E54** 4950N +49.000_--50.000 **U** LIMRI **UN512** GIPER **UP128** LULOX
UN12 MABUG **UL739** LIZAD **UN160** JSY **UN502** LGL **UL851** RESMI **UM729** AMODO **UH10** DJL **UL153** SOSAL LIMC

3516.36 nm / 6512.30 km



Notes

Using NAT tracks from 12/4/2016

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
KEWR APT	-	40.69363 -74.16856	0 ft 0 m	-	Newark Liberty Intl
HFD VOR	-	41.64111 -72.54742	33,100 ft 10,089 m	92	HARTFORD VOR-DME
PUT VOR	J42 AWY-HI	41.95547 -71.84408	35,000 ft 10,668 m	36	PUTNAM VOR-DME
BOS VOR	J42 AWY-HI	42.35744 -70.98956	35,000 ft 10,668 m	45	BOSTON VOR-DME
SCUPP FIX	J575 AWY-HI	42.60306 -70.23037	35,000 ft 10,668 m	36	-
CANAL FIX	J575 AWY-HI	42.66903 -70.02271	35,000 ft 10,668 m	9	-
TUSKY FIX	J575 AWY-HI	43.56500 -67.00000	35,000 ft 10,668 m	143	-
YQX VOR	N124B AWY-HI	48.89958 -54.53500	35,000 ft 10,668 m	607	GANDER VOR-DME
4950N FIX	5E54 AWY-LO	49.00000 -50.00000	17,000 ft 5,182 m	178	-
+49.000_--50.000 LATLON	-	49.00000 -50.00000	35,000 ft 10,668 m	0	-
+50.000_--40.000 LATLON	U NAT	50.00000 -40.00000	35,000 ft 10,668 m	394	-
+51.000_--30.000 LATLON	U NAT	51.00000 -30.00000	35,000 ft 10,668 m	386	-
+52.000_--20.000 LATLON	U NAT	52.00000 -20.00000	35,000 ft 10,668 m	378	-
LIMRI FIX	U NAT	52.00000 -15.00000	35,000 ft 10,668 m	184	-
GIPER FIX	UN512 AWY-HI	51.00000 -12.00000	35,000 ft 10,668 m	127	-
LULOX FIX	UP128 AWY-HI	50.36667 -8.00000	35,000 ft 10,668 m	156	-
IDOKI FIX	UN12 AWY-HI	49.86028 -6.19417	35,000 ft 10,668 m	75	-
MABUG FIX	UN12 AWY-HI	49.78472 -5.93667	35,000 ft 10,668 m	10	-
LIZAD FIX	UL739 AWY-HI	49.59028 -4.33028	35,000 ft 10,668 m	63	-
JSY VOR	UN160 AWY-HI	49.22111 -2.04611	35,000 ft 10,668 m	91	JERSEY VOR-DME
SENLO FIX	UN502 AWY-HI	49.08333 -1.17833	35,000 ft 10,668 m	35	-
ARGED FIX	UN502 AWY-HI	48.92972 -0.25000	35,000 ft 10,668 m	37	-
LGL VOR	UN502 AWY-HI	48.79061 0.53028	35,000 ft 10,668 m	31	L AIGLE VOR
DITAL FIX	UL851 AWY-HI	48.74472 0.88917	35,000 ft 10,668 m	14	-
PIGOP FIX	UL851 AWY-HI	48.68583 1.33889	35,000 ft 10,668 m	18	-
TABOV FIX	UL851 AWY-HI	48.64417 1.64889	35,000 ft 10,668 m	12	-
RESMI	UL851	48.56861	35,000 ft	22	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	2.19194	10,668 m		
AMODO	UM729	48.41944	35,000 ft	32	-
FIX	AWY-HI	2.98028	10,668 m		
OKRIX	UH10	47.96611	35,000 ft	35	-
FIX	AWY-HI	3.56750	10,668 m		
CHABY	UH10	47.79667	35,000 ft	18	-
FIX	AWY-HI	3.94861	10,668 m		
OBURO	UH10	47.65167	35,000 ft	15	-
FIX	AWY-HI	4.26472	10,668 m		
DJL	UH10	47.27078	35,000 ft	40	DIJON-LONGVIC VOR-DME
VOR	AWY-HI	5.09733	10,668 m		
ROMTA	UL153	46.97028	29,800 ft	35	-
FIX	AWY-HI	5.85722	9,083 m		
BIBOT	UL153	46.75139	25,100 ft	26	-
FIX	AWY-HI	6.41028	7,650 m		
VADEM	UL153	46.72167	23,400 ft	3	-
FIX	AWY-HI	6.48333	7,132 m		
SOSAL	UL153	46.55806	19,300 ft	19	-
FIX	AWY-HI	6.88444	5,883 m		
LIMC	-	45.63061	0 ft	94	Milano Malpensa
APT	-	8.72811	0 m		

KEWR

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.651 W

METAR

KEWR 141051Z 18004KT 10SM FEW180 BKN230 13/10 A3001 RMK A02 SLP161 T01330100 \$

TAF

KEWR 140836Z 1409/1512 18005KT P6SM FEW040 BKN100 FM141400 21009KT P6SM FEW150 BKN200 FM141800 20010KT P6SM VCSH

Frequencies

REC - 115.70 MHz - D-ATIS	REC - 134.82 MHz - D-ATIS
COM - 122.95 MHz - UNICOM	CLD - 118.85 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - NEWARK GROUND	GND - 126.15 MHz - NEWARK GROUND
GND - 132.45 MHz - RAMP CONTROL	TWR - 118.30 MHz - NEWARK TOWER
TWR - 134.05 MHz - NEWARK TOWER	APP - 127.60 MHz - NEW YORK APPROACH
APP - 128.55 MHz - NEW YORK APPROACH	APP - 132.70 MHz - NEW YORK APPROACH
APP - 132.80 MHz - NEW YORK APPROACH	DEP - 119.20 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft	11,011 ft	25.75	ASPHALT	2,539 ft	610 ft
	46 m	3,356 m	38.40		774 m	186 m
22R	150 ft	11,011 ft	205.76	ASPHALT	1,440 ft	0 ft
	46 m	3,356 m	218.41		439 m	0 m
04R	150 ft	10,009 ft	25.74	ASPHALT	1,191 ft	299 ft
	46 m	3,051 m	38.39		363 m	91 m
22L	150 ft	10,009 ft	205.75	ASPHALT	1,791 ft	0 ft
	46 m	3,051 m	218.40		546 m	0 m
11	150 ft	6,732 ft	95.00	ASPHALT	0 ft	505 ft
	46 m	2,052 m	107.65		0 m	154 m
29	150 ft	6,732 ft	275.02	ASPHALT	223 ft	0 ft
	46 m	2,052 m	287.67		68 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IEWR	110.75 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
04R	DME	IEZA	108.70 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
22L	DME	ILSQ	108.70 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
22R	DME	IJNN	110.75 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
04L	LOC-ILS	IEWR	110.75 MHz	18 nm	25.76	-	17 ft
				33 km	38.41		17 m
04R	LOC-ILS	IEZA	108.70 MHz	18 nm	25.75	-	17 ft
				33 km	38.40		17 m
11	LOC-ILS	IGPR	109.15 MHz	18 nm	95.01	-	17 ft
				33 km	107.66		17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	LOC-ILS	ILSQ	108.70 MHz	18 nm	205.75	-	17 ft
				33 km	218.40		17 m
22R	LOC-ILS	IJNN	110.75 MHz	18 nm	205.76	-	17 ft
				33 km	218.41		17 m
04L	GS	IEWR	110.75 MHz	10 nm	25.76	3.00	17 ft
				19 km	38.41		17 m
04R	GS	IEZA	108.70 MHz	10 nm	25.75	3.00	17 ft
				19 km	38.40		17 m
11	GS	IGPR	109.15 MHz	10 nm	95.01	3.00	17 ft
				19 km	107.66		17 m
22L	GS	ILSQ	108.70 MHz	10 nm	205.75	3.00	17 ft
				19 km	218.40		17 m
22R	GS	IJNN	110.75 MHz	10 nm	205.76	3.00	17 ft
				19 km	218.41		17 m

LIMC

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 767 ft / 234 m
Location: 45.630600 8.728120
Magnetic Var: 3.123 E

METAR

LIMC 141120Z VRB03KT 9999 BKN030 19/12 Q1011 NOSIG

TAF

TAF LIMC 140500Z 1406/1512 VRB05KT 9999 BKN050 TEMPO 1415/1512 3000 +TSRA BECMG 1421/1423 10012KT

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	345.94		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	347.12		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.12		740 m