

LTBA

Istanbul Ataturk

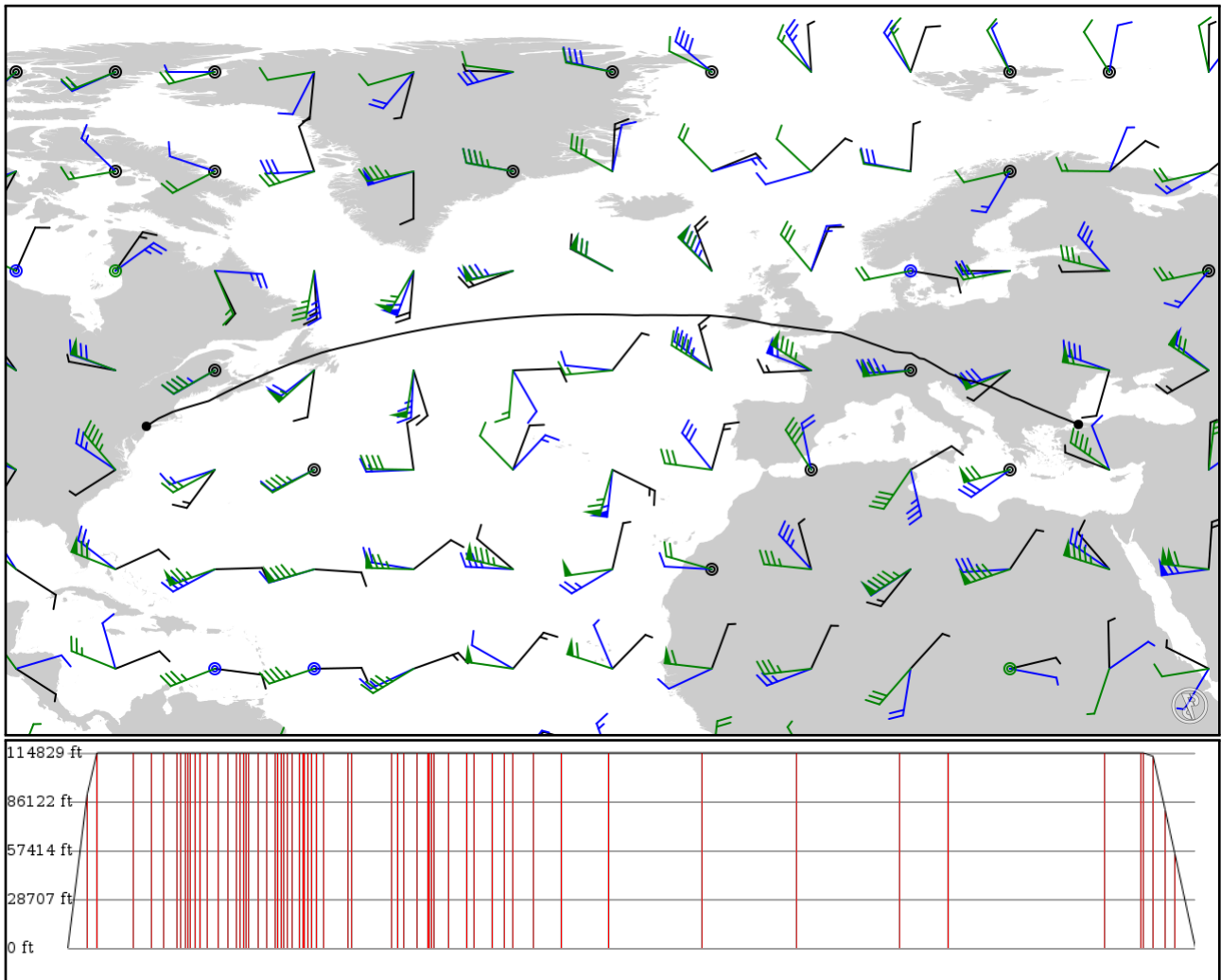
KLGA

La Guardia

2024/05/05 0052Z

LTBA SERCE **A4** ADORU **UM19** ETIDA **M19** VBA **P735** ZAG **L603** MUN **L173** LBU **Z729** KRH **UM150** PITES **M150** DIK
UM150 KOK **L607** KONAN **UL9** BIG **L9** KENET **UL9** BASET **UL18** DIKAS **UL9** STU **L9** ABAGU **UL9** MALOT
+53.000_--20.000 J +50.000_--50.000 5050N **5E56** YQX **N124B** TUSKY **J575** BOS **J42** HFD KLGA

4374.94 nm / 8102.39 km



Notes

Using NAT tracks from 17/2/2018

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 270kts
- Cruise Altitude: 2500000ft
- 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
LTBA	-	40.97914	0 ft	-	Istanbul Ataturk
APT	-	28.81283	0 m		
SERCE	-	41.59889	27,600 ft	77	-
FIX	-	27.30778	8,412 m		
ADORU	A4	41.87167	35,000 ft	36	-
FIX	AWY-LO	26.56833	10,668 m		
PENEV	UM19	43.03167	35,000 ft	140	-
FIX	AWY-HI	23.80944	10,668 m		
ETIDA	UM19	43.68583	35,000 ft	72	-
FIX	AWY-HI	22.41778	10,668 m		
NEPOS	M19	44.00622	35,000 ft	46	-
FIX	AWY-LO	21.43761	10,668 m		
ORVAN	M19	44.49189	35,000 ft	50	-
FIX	AWY-LO	20.48333	10,668 m		
RELDA	M19	44.64383	35,000 ft	15	-
FIX	AWY-LO	20.17844	10,668 m		
KOPIK	M19	44.81606	35,000 ft	18	-
FIX	AWY-LO	19.82869	10,668 m		
OMAKA	M19	44.89167	35,000 ft	8	-
FIX	AWY-LO	19.67383	10,668 m		
SMI	M19	45.00947	35,000 ft	12	MITROVICA VOR-DME
VOR	AWY-LO	19.43078	10,668 m		
TUVAR	M19	45.12667	35,000 ft	16	-
FIX	AWY-LO	19.07750	10,668 m		
ADULA	M19	45.27056	35,000 ft	20	-
FIX	AWY-LO	18.64194	10,668 m		
NASSY	M19	45.44667	35,000 ft	25	-
FIX	AWY-LO	18.09972	10,668 m		
VBA	M19	45.74779	35,000 ft	43	BARNA VOR-DME
VOR	AWY-LO	17.14673	10,668 m		
ZAG	P735	45.89556	35,000 ft	36	ZAGREB VOR-DME
VOR	AWY-LO	16.30670	10,668 m		
PODET	L603	46.17138	35,000 ft	32	-
FIX	AWY-LO	15.62680	10,668 m		
VALLU	L603	46.29159	35,000 ft	14	-
FIX	AWY-LO	15.33632	10,668 m		
ARLON	L603	46.41382	35,000 ft	14	-
FIX	AWY-LO	15.02976	10,668 m		
KLAGE	L603	46.51430	35,000 ft	12	-
FIX	AWY-LO	14.77517	10,668 m		
KFT	L603	46.59758	35,000 ft	10	KLAGENFURT VOR-DME
VOR	AWY-LO	14.56232	10,668 m		
ELKAT	L603	46.99100	35,000 ft	35	-
FIX	AWY-LO	13.90551	10,668 m		
OBEDI	L603	47.32790	35,000 ft	31	-
FIX	AWY-LO	13.32975	10,668 m		
UNKEN	L603	47.69014	35,000 ft	33	-
FIX	AWY-LO	12.69687	10,668 m		
CHIEM	L603	47.82528	35,000 ft	12	-
FIX	AWY-LO	12.45583	10,668 m		
ROTIN	L603	47.94278	35,000 ft	10	-
FIX	AWY-LO	12.24639	10,668 m		
LAKOL	L603	48.07111	35,000 ft	12	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	12.01472	10,668 m		
MUN	L603	48.18033	35,000 ft	10	MUNCHEN VOR-DME
VOR	AWY-LO	11.81602	10,668 m		
MAH	L173	48.26343	35,000 ft	20	MAISACH VOR-DME
VOR	AWY-LO	11.31193	10,668 m		
RIDAR	L173	48.58833	35,000 ft	28	-
FIX	AWY-LO	10.80278	10,668 m		
DODIL	L173	48.73250	35,000 ft	12	-
FIX	AWY-LO	10.57361	10,668 m		
NDG	L173	48.82936	35,000 ft	8	NORDLINGEN NDB
NDB	AWY-LO	10.41869	10,668 m		
ABTAL	L173	48.85463	35,000 ft	12	-
FIX	AWY-LO	10.10706	10,668 m		
GUPIN	L173	48.88250	35,000 ft	14	-
FIX	AWY-LO	9.74806	10,668 m		
LBU	L173	48.91298	35,000 ft	16	LUBURG VOR-DME
VOR	AWY-LO	9.34023	10,668 m		
KRH	Z729	48.99294	35,000 ft	30	KARLSRUHE VOR-DME
VOR	AWY-LO	8.58424	10,668 m		
PITES	UM150	49.72861	35,000 ft	92	-
FIX	AWY-HI	6.51944	10,668 m		
DIK	M150	49.86139	35,000 ft	17	DIEKIRCH NDB
NDB	AWY-LO	6.12972	10,668 m		
KOK	UM150	51.09472	35,000 ft	152	KOKSY VORTAC
VOR	AWY-HI	2.65167	10,668 m		
KONAN	L607	51.13083	35,000 ft	24	-
FIX	AWY-LO	2.00000	10,668 m		
DVR	UL9	51.16250	35,000 ft	24	DOVER VOR-DME
VOR	AWY-HI	1.35917	10,668 m		
BIG	UL9	51.33087	35,000 ft	50	BIGGIN VOR-DME
VOR	AWY-HI	0.03481	10,668 m		
NORRY	L9	51.47972	35,000 ft	44	-
FIX	AWY-LO	-1.12333	10,668 m		
CPT	L9	51.49167	35,000 ft	3	COMPTON VOR-DME
VOR	AWY-LO	-1.21972	10,668 m		
KENET	L9	51.52056	35,000 ft	8	-
FIX	AWY-LO	-1.45500	10,668 m		
BASET	UL9	51.56389	35,000 ft	9	-
FIX	AWY-HI	-1.71000	10,668 m		
DIKAS	UL18	51.77694	35,000 ft	59	-
FIX	AWY-HI	-3.25917	10,668 m		
STU	UL9	51.99472	35,000 ft	67	STRUMBLE VOR-DME
VOR	AWY-HI	-5.04028	10,668 m		
SLANY	L9	52.15861	35,000 ft	31	-
FIX	AWY-LO	-5.84222	10,668 m		
ABAGU	L9	52.50333	35,000 ft	69	-
FIX	AWY-LO	-7.64667	10,668 m		
SHA	UL9	52.72101	35,000 ft	47	SHANNON VOR-DME
VOR	AWY-HI	-8.88521	10,668 m		
UNBEG	UL9	52.80500	35,000 ft	31	-
FIX	AWY-HI	-9.73000	10,668 m		
BURAK	UL9	53.00000	35,000 ft	83	-
FIX	AWY-HI	-12.00000	10,668 m		
MALOT	UL9	53.00000	35,000 ft	108	-
FIX	AWY-HI	-15.00000	10,668 m		
+53.000_--20.000	-	53.00000	35,000 ft	180	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-20.00000	10,668 m		
+53.000_--30.000	J	53.00000	35,000 ft	361	-
LATLON	NAT	-30.00000	10,668 m		
+52.000_--40.000	J	52.00000	35,000 ft	370	-
LATLON	NAT	-40.00000	10,668 m		
+50.000_--50.000	J	50.00000	35,000 ft	396	-
LATLON	NAT	-50.00000	10,668 m		
5050N	-	50.00000	35,000 ft	0	-
FIX	-	-50.00000	10,668 m		
YQX	5E56	48.89958	35,000 ft	188	GANDER VOR-DME
VOR	AWY-LO	-54.53500	10,668 m		
TUSKY	N124B	43.56500	35,000 ft	607	-
FIX	AWY-HI	-67.00000	10,668 m		
CANAL	J575	42.66903	35,000 ft	143	-
FIX	AWY-HI	-70.02271	10,668 m		
SCUPP	J575	42.60306	35,000 ft	9	-
FIX	AWY-HI	-70.23037	10,668 m		
BOS	J575	42.35744	34,400 ft	36	BOSTON VOR-DME
VOR	AWY-HI	-70.98956	10,485 m		
PUT	J42	41.95547	24,800 ft	45	PUTNAM VOR-DME
VOR	AWY-HI	-71.84408	7,559 m		
HFD	J42	41.64111	16,900 ft	36	HARTFORD VOR-DME
VOR	AWY-HI	-72.54742	5,151 m		
KLGA	-	40.77724	0 ft	79	La Guardia
APT	-	-73.87261	0 m		

LTBA

Region: TURKEY
Timezone: EUROPE/ISTANBUL
Runways: 1

Elevation: 163 ft / 50 m
Location: 40.976100 28.814200
Magnetic Var: 6.065 E

METAR

LTBA 042350Z 04008KT 9999 SCT030 BKN090 13/11 Q1011 RMK RWY23 03009KT

TAF

TAF LTBA 042240Z 0500/0524 03008KT 9999 SCT025 BKN080 TEMPO 0500/0504 -SHRA FEW018CB BKN025 BECMG 0505/0508 04018

Frequencies

REC - 130.25 MHz - D-ATIS ARRIVAL	REC - 128.20 MHz - D-ATIS DEPARTURE
TWR - 118.02 MHz - YESILKOY TOWER	TWR - 118.10 MHz - YESILKOY TOWER
TWR - 118.17 MHz - YESILKOY TOWER	TWR - 118.37 MHz - YESILKOY TOWER
TWR - 119.80 MHz - YESILKOY TOWER	TWR - 121.35 MHz - YESILKOY TOWER
TWR - 121.60 MHz - YESILKOY TOWER	TWR - 121.97 MHz - YESILKOY TOWER
TWR - 123.52 MHz - YESILKOY TOWER	TWR - 125.30 MHz - YESILKOY TOWER
TWR - 125.90 MHz - YESILKOY TOWER	TWR - 126.05 MHz - YESILKOY TOWER
TWR - 126.80 MHz - YESILKOY TOWER	APP - 118.95 MHz - YESILKOY APPROACH
APP - 119.35 MHz - YESILKOY APPROACH	APP - 119.47 MHz - YESILKOY APPROACH
APP - 120.12 MHz - YESILKOY APPROACH	APP - 120.45 MHz - YESILKOY APPROACH
APP - 120.50 MHz - YESILKOY APPROACH	APP - 120.70 MHz - YESILKOY APPROACH
APP - 121.10 MHz - YESILKOY APPROACH	APP - 121.25 MHz - YESILKOY APPROACH
APP - 122.47 MHz - YESILKOY APPROACH	APP - 122.57 MHz - YESILKOY APPROACH
APP - 122.67 MHz - YESILKOY APPROACH	APP - 124.45 MHz - YESILKOY APPROACH
APP - 126.42 MHz - YESILKOY APPROACH	APP - 127.10 MHz - YESILKOY APPROACH
APP - 127.82 MHz - YESILKOY APPROACH	APP - 128.72 MHz - YESILKOY APPROACH
APP - 130.30 MHz - YESILKOY APPROACH	APP - 131.12 MHz - YESILKOY APPROACH
APP - 132.05 MHz - YESILKOY APPROACH	APP - 132.32 MHz - YESILKOY APPROACH
APP - 132.47 MHz - YESILKOY APPROACH	APP - 132.77 MHz - YESILKOY APPROACH
APP - 132.95 MHz - YESILKOY APPROACH	APP - 133.07 MHz - YESILKOY APPROACH
APP - 133.22 MHz - YESILKOY APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	197 ft 60 m	8,513 ft 2,595 m	58.45 52.39	ASPHALT	492 ft 150 m	207 ft 63 m
23	197 ft 60 m	8,513 ft 2,595 m	238.47 232.40	ASPHALT	0 ft 0 m	197 ft 60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	IIST	110.30 MHz	18 nm 33 km	- -	-	82 ft 82 m
23	DME	IATA	111.90 MHz	18 nm 33 km	- -	-	163 ft 163 m
05	LOC-ILS	IIST	110.30 MHz	18 nm 33 km	58.46 52.40	-	163 ft 163 m
23	LOC-ILS	IATA	111.90 MHz	18 nm 33 km	238.46 232.40	-	163 ft 163 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	GS	IIST	110.30 MHz	10 nm	58.46	3.00	163 ft
				19 km	52.40		163 m
23	GS	IATA	111.90 MHz	10 nm	238.46	3.20	163 ft
				19 km	232.40		163 m

KLGA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 21 ft / 6 m
Location: 40.777200 -73.872600
Magnetic Var: 12.803 W

METAR

KLGA 042351Z 13007KT 10SM FEW030 BKN060 OVC120 12/05 A3031 RMK A02 SLP263 60000 T01220050 10161 20122 53002 \$

TAF

KLGA 042322Z 0500/0606 14009KT P6SM VCSH FEW030 BKN070 FM050300 12009KT P6SM OVC020 FM050500 11007KT P6SM OVC015

Frequencies

REC - 125.95 MHz - ATIS ARRIVAL	REC - 127.05 MHz - ATIS DEPARTURE
TWR - 118.70 MHz - LAGUARDIA TOWER	GND - 121.70 MHz - LAGUARDIA GROUND
GND - 121.85 MHz - LAGUARDIA GROUND	GND - 127.67 MHz - LAGUARDIA GROUND
CLD - 121.87 MHz - LAGUARDIA CLEARANCE	CLD - 135.20 MHz - LAGUARDIA CLEARANCE
COM - 122.95 MHz - LAGUARDIA UNICOM	APP - 132.70 MHz - NEW YORK APPROACH
APP - 120.05 MHz - NEW YORK APPROACH	APP - 120.80 MHz - NEW YORK APPROACH
APP - 124.95 MHz - NEW YORK APPROACH	APP - 127.30 MHz - NEW YORK APPROACH
APP - 128.80 MHz - NEW YORK APPROACH	DEP - 120.40 MHz - NEW YORK DEPARTURE
DEP - 124.45 MHz - NEW YORK DEPARTURE	DEP - 127.05 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	7,006 ft	32.03	ASPHALT	0 ft	322 ft
	46 m	2,135 m	44.83		0 m	98 m
22	150 ft	7,006 ft	212.04	ASPHALT	0 ft	98 ft
	46 m	2,135 m	224.84		0 m	30 m
13	150 ft	6,994 ft	122.24	ASPHALT	0 ft	95 ft
	46 m	2,132 m	135.04		0 m	29 m
31	150 ft	6,994 ft	302.25	ASPHALT	0 ft	374 ft
	46 m	2,132 m	315.06		0 m	114 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	DME	IGDI	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
31	DME	IPZV	108.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
04	LOC-ILS	ILGA	110.50 MHz	18 nm	32.04	-	21 ft
				33 km	44.84		21 m
13	LOC-ILS	IGDI	108.50 MHz	18 nm	122.25	-	21 ft
				33 km	135.05		21 m
22	LOC-ILS	IURD	110.50 MHz	18 nm	212.04	-	21 ft
				33 km	224.84		21 m
31	LOC-LOC	IPZV	108.50 MHz	18 nm	302.25	-	21 ft
				33 km	315.05		21 m
04	GS	ILGA	110.50 MHz	10 nm	32.04	3.10	21 ft
				19 km	44.84		21 m
13	GS	IGDI	108.50 MHz	10 nm	122.25	3.10	21 ft
				19 km	135.05		21 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	GS	IURD	110.50 MHz	10 nm	212.04	3.00	21 ft
				19 km	224.84		21 m