

# LROP

Bucharest Henri Coanda

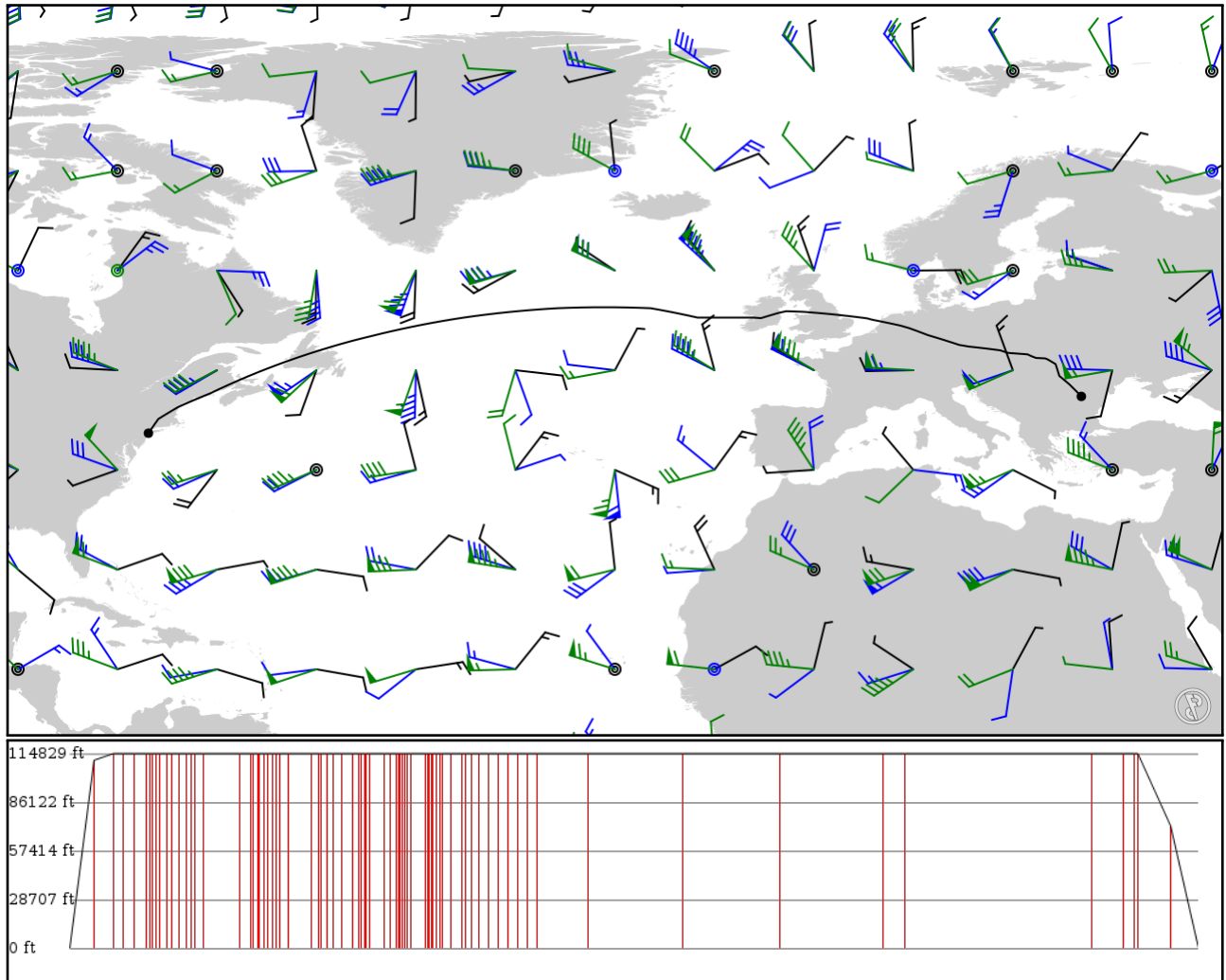
# KJFK

John F. Kennedy Intl

2024/05/07 0508Z

LROP MOBRA **L619** REBLA **M977** RUMUK **W425** KSC **R232** PPD **P27** MAKAL **L624** LABUK **Y444** ELM EK **L602** VARIK **UL602** SPY **UY70** RAVLO **Y70** OTBED **L60** PENIL **M144** BAGSO **V14** DIGAN 5300N0900W 5300N01000W 5300N01100W 5300N01200W 5300N01300W GISTI MALOT **G** ALLRY **N358A** EBONY **J573** ENE **Q480** BAF KJFK

4214.68 nm / 7805.59 km



## Notes

Using NAT tracks from 25/10/2022

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
LR0P	-	44.57230	0 ft	-	Bucharest Henri Coanda
APT	-	26.10230	0 m	-	
MOBRA	-	45.86440	33,800 ft	94	-
FIX	-	24.81940	10,302 m	-	-
REBLA	L619	46.76000	35,000 ft	69	-
FIX	AWY-HI	23.74470	10,668 m	-	-
VAMES	M977	47.34670	35,000 ft	36	-
FIX	AWY-HI	23.56110	10,668 m	-	-
RUMUK	M977	48.02670	35,000 ft	41	-
FIX	AWY-HI	23.34330	10,668 m	-	-
SR	W425	48.52110	35,000 ft	44	SEREDNIE
NDB	AWY-LO	22.50890	10,668 m	-	
LASOT	W425	48.63470	35,000 ft	12	-
FIX	AWY-LO	22.24580	10,668 m	-	-
BIDLI	W425	48.65000	35,000 ft	11	-
FIX	AWY-LO	21.94920	10,668 m	-	-
EVULA	W425	48.66420	35,000 ft	11	-
FIX	AWY-LO	21.66280	10,668 m	-	-
KSC	W425	48.68310	35,000 ft	16	KOSICE
VOR	AWY-LO	21.24820	10,668 m	-	
MARKA	R232	48.90220	35,000 ft	25	-
FIX	AWY-LO	20.69360	10,668 m	-	-
PPD	R232	49.06470	35,000 ft	16	TATRY
VOR	AWY-LO	20.35010	10,668 m	-	
LIPMU	P27	49.12310	35,000 ft	28	-
FIX	AWY-LO	19.62310	10,668 m	-	-
RUTKI	P27	49.17330	35,000 ft	26	-
FIX	AWY-LO	18.94010	10,668 m	-	-
ZLA	P27	49.20290	35,000 ft	16	ZILINA
NDB	AWY-LO	18.51040	10,668 m	-	
MAKAL	P27	49.24600	35,000 ft	13	-
FIX	AWY-LO	18.16570	10,668 m	-	-
LABUK	L624	49.49850	35,000 ft	33	-
FIX	AWY-HI	17.41080	10,668 m	-	-
ELMEK	Y444	49.90390	35,000 ft	133	-
FIX	AWY-HI	14.02990	10,668 m	-	-
DONAD	L602	50.08080	35,000 ft	41	-
FIX	AWY-HI	13.00000	10,668 m	-	-
SOPGA	L602	50.17700	35,000 ft	12	-
FIX	AWY-HI	12.71880	10,668 m	-	-
VARIK	L602	50.29110	35,000 ft	14	-
FIX	AWY-HI	12.38110	10,668 m	-	-
PEROX	UL602	50.34470	35,000 ft	7	-
FIX	AWY-HI	12.19940	10,668 m	-	-
SODRO	UL602	50.46470	35,000 ft	15	-
FIX	AWY-HI	11.82720	10,668 m	-	-
TABAT	UL602	50.55850	35,000 ft	12	-
FIX	AWY-HI	11.53120	10,668 m	-	-
BAMKI	UL602	50.71810	35,000 ft	21	-
FIX	AWY-HI	11.02020	10,668 m	-	-
TAMEB	UL602	50.80780	35,000 ft	12	-
FIX	AWY-HI	10.73000	10,668 m	-	-
ROBEL	UL602	50.89750	35,000 ft	12	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	10.43510	10,668 m		
KEMAD	UL602	51.12360	35,000 ft	31	-
FIX	AWY-HI	9.67500	10,668 m		
HMM	UL602	51.85690	35,000 ft	85	HAMM
VOR	AWY-HI	7.70829	10,668 m		
REBGU	UL602	52.07360	35,000 ft	30	-
FIX	AWY-HI	6.97056	10,668 m		
RELBI	UL602	52.11830	35,000 ft	6	-
FIX	AWY-HI	6.81361	10,668 m		
RKN	UL602	52.13320	35,000 ft	2	REKKEN VOR-DME
DME	AWY-HI	6.76388	10,668 m		
TENLI	UL602	52.24650	35,000 ft	20	-
FIX	AWY-HI	6.25014	10,668 m		
FLEVO	UL602	52.38530	35,000 ft	25	-
FIX	AWY-HI	5.60217	10,668 m		
SPY	UL602	52.54030	35,000 ft	28	SPIJKERBOOR
VOR	AWY-HI	4.85378	10,668 m		
MONIL	UY70	52.76080	35,000 ft	42	-
FIX	AWY-HI	3.74664	10,668 m		
RAVLO	UY70	52.91690	35,000 ft	23	-
FIX	AWY-HI	3.14820	10,668 m		
KUBAX	Y70	52.94280	35,000 ft	7	-
FIX	AWY-HI	2.95361	10,668 m		
BEKMO	Y70	52.98610	35,000 ft	12	-
FIX	AWY-HI	2.61944	10,668 m		
SONOL	Y70	53.00140	35,000 ft	4	-
FIX	AWY-HI	2.50000	10,668 m		
BODSO	Y70	53.05220	35,000 ft	14	-
FIX	AWY-HI	2.09472	10,668 m		
SUPEL	Y70	53.22780	35,000 ft	55	-
FIX	AWY-HI	0.59111	10,668 m		
OTBED	Y70	53.28810	35,000 ft	20	-
FIX	AWY-HI	0.03194	10,668 m		
NISBI	L60	53.35810	35,000 ft	25	-
FIX	AWY-HI	-0.65583	10,668 m		
DOPEK	L60	53.38440	35,000 ft	9	-
FIX	AWY-HI	-0.92556	10,668 m		
ARTIX	L60	53.39500	35,000 ft	4	-
FIX	AWY-HI	-1.03583	10,668 m		
MOGMO	L60	53.41190	35,000 ft	6	-
FIX	AWY-HI	-1.21417	10,668 m		
MAMUL	L60	53.41810	35,000 ft	2	-
FIX	AWY-HI	-1.28000	10,668 m		
ADELU	L60	53.44170	35,000 ft	9	-
FIX	AWY-HI	-1.53694	10,668 m		
BOLBI	L60	53.46670	35,000 ft	9	-
FIX	AWY-HI	-1.81250	10,668 m		
SONEX	L60	53.49810	35,000 ft	13	-
FIX	AWY-HI	-2.17250	10,668 m		
PENIL	L60	53.61580	35,000 ft	53	-
FIX	AWY-HI	-3.66361	10,668 m		
BABRA	M144	53.62750	35,000 ft	10	-
FIX	AWY-HI	-3.94528	10,668 m		
GIGTO	M144	53.63360	35,000 ft	5	-
FIX	AWY-HI	-4.09750	10,668 m		
UNDUX	M144	53.64170	35,000 ft	7	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-4.31083	10,668 m		
SOPAX	M144	53.64690	35,000 ft	5	-
FIX	AWY-HI	-4.45222	10,668 m		
RAMOX	M144	53.66030	35,000 ft	13	-
FIX	AWY-HI	-4.83944	10,668 m		
OGTUG	M144	53.67000	35,000 ft	10	-
FIX	AWY-HI	-5.14722	10,668 m		
BAGSO	M144	53.68000	35,000 ft	12	-
FIX	AWY-HI	-5.50000	10,668 m		
DUB	V14	53.49940	35,000 ft	30	DUBLIN
VOR	AWY-LO	-6.30711	10,668 m		
PELIG	V14	53.19960	35,000 ft	40	-
FIX	AWY-LO	-7.33333	10,668 m		
ENOKU	V14	53.10110	35,000 ft	13	-
FIX	AWY-LO	-7.66083	10,668 m		
DIGAN	V14	52.93690	35,000 ft	21	-
FIX	AWY-LO	-8.19758	10,668 m		
5300N0900W	-	53.00000	35,000 ft	29	-
LATLON	-	-9.00000	10,668 m		
5300N0100W	-	53.00000	35,000 ft	36	-
LATLON	-	-10.00000	10,668 m		
5300N0110W	-	53.00000	35,000 ft	36	-
LATLON	-	-11.00000	10,668 m		
5300N0120W	-	53.00000	35,000 ft	36	-
LATLON	-	-12.00000	10,668 m		
5300N0130W	-	53.00000	35,000 ft	36	-
LATLON	-	-13.00000	10,668 m		
GISTI	-	53.00000	35,000 ft	36	-
FIX	-	-14.00000	10,668 m		
MALOT	-	53.00000	35,000 ft	36	-
FIX	-	-15.00000	10,668 m		
54/20	G	54.00000	35,000 ft	188	-
LATLON	NAT	-20.00000	10,668 m		
54/30	G	54.00000	35,000 ft	352	-
LATLON	NAT	-30.00000	10,668 m		
53/40	G	53.00000	35,000 ft	361	-
LATLON	NAT	-40.00000	10,668 m		
51/50	G	51.00000	35,000 ft	388	-
LATLON	NAT	-50.00000	10,668 m		
ALLRY	G	50.50000	35,000 ft	81	-
FIX	NAT	-52.00000	10,668 m		
EBONY	N358A	44.90240	35,000 ft	696	-
FIX	AWY-HI	-67.15660	10,668 m		
SEAER	J573	43.92460	35,000 ft	116	-
FIX	AWY-HI	-69.49180	10,668 m		
SCARS	J573	43.54860	35,000 ft	43	-
FIX	AWY-HI	-70.34110	10,668 m		
ENE	J573	43.42570	35,000 ft	13	KENNEBUNK
VOR	AWY-HI	-70.61350	10,668 m		
BAF	Q480	42.16200	22,000 ft	119	BARNES (WESTFIELD/SPRINGFIELD)
VOR	AWY-HI	-72.71620	6,706 m		
KJFK	-	40.64010	0 ft	103	John F. Kennedy Intl
APT	-	-73.77650	0 m		

## LROP

Region: ROMANIA  
Timezone: EUROPE/BUCHAREST  
Runways: 2

Elevation: 313 ft / 95 m  
Location: 44.572300 26.102300  
Magnetic Var: 6.289 E

## METAR

LROP 070430Z 26006KT CAVOK 14/12 Q1011 NOSIG

## TAF

TAF LROP 062300Z 0700/0800 VRB03KT CAVOK BECMG 0707/0709 26010KT PROB40 TEMPO 0711/0716 26015G25KT 5000 -TSRA BKN

## Frequencies

REC - 118.50 MHz - OTOPENI ATIS  
TWR - 121.85 MHz - OTOPENI TWR

GND - 121.70 MHz - OTOPENI GND  
APP - 118.25 MHz - BUCHAREST APP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	148 ft	11,494 ft	83.90	ASPHALT	0 ft	0 ft
	45 m	3,503 m	77.61		0 m	0 m
26L	148 ft	11,494 ft	263.93	ASPHALT	0 ft	0 ft
	45 m	3,503 m	257.64		0 m	0 m
08L	148 ft	11,493 ft	83.91	ASPHALT	0 ft	0 ft
	45 m	3,503 m	77.62		0 m	0 m
26R	148 ft	11,493 ft	263.94	ASPHALT	0 ft	0 ft
	45 m	3,503 m	257.65		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	ILL	110.90 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
08R	DME	IOP	110.30 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
26L	DME	IOE	109.10 MHz	18 nm	-	-	314 ft
				33 km	-		314 m
26R	DME	IRR	110.70 MHz	18 nm	-	-	400 ft
				33 km	-		400 m
08L	LOC-ILS	ILL	110.90 MHz	18 nm	83.74	-	314 ft
				33 km	77.45		314 m
08R	LOC-ILS	IOP	110.30 MHz	18 nm	83.74	-	303 ft
				33 km	77.45		303 m
26L	LOC-ILS	IOE	109.10 MHz	18 nm	264.11	-	314 ft
				33 km	257.82		314 m
26R	LOC-ILS	IRR	110.70 MHz	18 nm	264.12	-	314 ft
				33 km	257.83		314 m
08L	GS	ILL	110.90 MHz	10 nm	84.84	3.00	314 ft
				19 km	78.55		314 m
08R	GS	IOP	110.30 MHz	10 nm	84.81	2.70	314 ft
				19 km	78.52		314 m
26L	GS	IOE	109.10 MHz	10 nm	264.81	2.70	303 ft
				19 km	258.52		303 m
26R	GS	IRR	110.70 MHz	10 nm	264.84	3.00	314 ft
				19 km	258.55		314 m

## KJFK

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 12 ft / 4 m  
Location: 40.640100 -73.776500  
Magnetic Var: 12.820 W

## METAR

KJFK 070351Z 21004KT 8SM FEW035 SCT190 BKN250 15/14 A2986 RMK A02 SLP111 T01500144

## TAF

TAF AMD KJFK 070235Z 0703/0806 20004KT P6SM FEW004 BKN250 TEMPO 0703/0705 3SM BR BKN004 FM070500 26004KT P6SM FEW0

## Frequencies

REC - 115.40 MHz - D-ATIS	REC - 117.70 MHz - D-ATIS
REC - 128.72 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 135.05 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - KENNEDY GROUND
GND - 121.65 MHz - KENNEDY GROUND	TWR - 119.10 MHz - KENNEDY TOWER
TWR - 123.90 MHz - KENNEDY TOWER	APP - 125.70 MHz - NEW YORK APPROACH
APP - 128.12 MHz - NEW YORK APPROACH	APP - 118.40 MHz - NEW YORK APPROACH
APP - 123.70 MHz - NEW YORK APPROACH	APP - 126.80 MHz - NEW YORK APPROACH
APP - 132.40 MHz - NEW YORK APPROACH	APP - 134.35 MHz - NEW YORK APPROACH
DEP - 135.90 MHz - NEW YORK DEPARTURE	DEP - 123.70 MHz - NEW YORK DEPARTURE
DEP - 124.75 MHz - NEW YORK DEPARTURE	DEP - 134.35 MHz - NEW YORK DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	200 ft	14,526 ft	120.83	CONCRETE	2,057 ft	390 ft
	61 m	4,428 m	133.65		627 m	119 m
31L	200 ft	14,526 ft	300.86	CONCRETE	3,271 ft	495 ft
	61 m	4,428 m	313.68		997 m	151 m
13L	151 ft	10,010 ft	120.85	CONCRETE	912 ft	387 ft
	46 m	3,051 m	133.67		278 m	118 m
31R	151 ft	10,010 ft	300.87	CONCRETE	1,037 ft	177 ft
	46 m	3,051 m	313.69		316 m	54 m
04R	200 ft	8,407 ft	30.67	ASPHALT	0 ft	440 ft
	61 m	2,562 m	43.49		0 m	134 m
22L	200 ft	8,407 ft	210.68	ASPHALT	0 ft	505 ft
	61 m	2,562 m	223.50		0 m	154 m
04L	200 ft	12,091 ft	30.67	CONCRETE	459 ft	200 ft
	61 m	3,685 m	43.49		140 m	61 m
22R	200 ft	12,091 ft	210.68	CONCRETE	3,425 ft	407 ft
	61 m	3,685 m	223.50		1,044 m	124 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHIQ	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04R	DME	IJFK	109.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
13L	DME	ITLK	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
22L	DME	IIWY	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22R	DME	IJOC	109.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
31R	DME	IRTH	111.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
04L	LOC-ILS	IHIQ	110.90 MHz	18 nm 33 km	30.68 43.50	-	12 ft 12 m
04R	LOC-ILS	IJFK	109.50 MHz	18 nm 33 km	30.67 43.49	-	12 ft 12 m
13L	LOC-ILS	ITLK	111.50 MHz	18 nm 33 km	120.87 133.69	-	12 ft 12 m
22L	LOC-ILS	IIWY	110.90 MHz	18 nm 33 km	210.67 223.49	-	12 ft 12 m
22R	LOC-ILS	IJOC	109.50 MHz	18 nm 33 km	210.68 223.50	-	12 ft 12 m
31L	LOC-ILS	IMOH	111.35 MHz	18 nm 33 km	300.84 313.66	-	12 ft 12 m
31R	LOC-ILS	IRTH	111.50 MHz	18 nm 33 km	300.87 313.69	-	12 ft 12 m
04L	GS	IHIQ	110.90 MHz	10 nm 19 km	30.68 43.50	3.00	12 ft 12 m
04R	GS	IJFK	109.50 MHz	10 nm 19 km	30.67 43.49	3.00	12 ft 12 m
13L	GS	ITLK	111.50 MHz	10 nm 19 km	120.87 133.69	3.00	12 ft 12 m
22L	GS	IIWY	110.90 MHz	10 nm 19 km	210.67 223.49	3.00	12 ft 12 m
22R	GS	IJOC	109.50 MHz	10 nm 19 km	210.68 223.50	3.00	12 ft 12 m
31L	GS	IMOH	111.35 MHz	10 nm 19 km	300.84 313.66	3.00	12 ft 12 m
31R	GS	IRTH	111.50 MHz	10 nm 19 km	300.87 313.69	3.00	12 ft 12 m