

# KEWR

Newark Liberty Intl

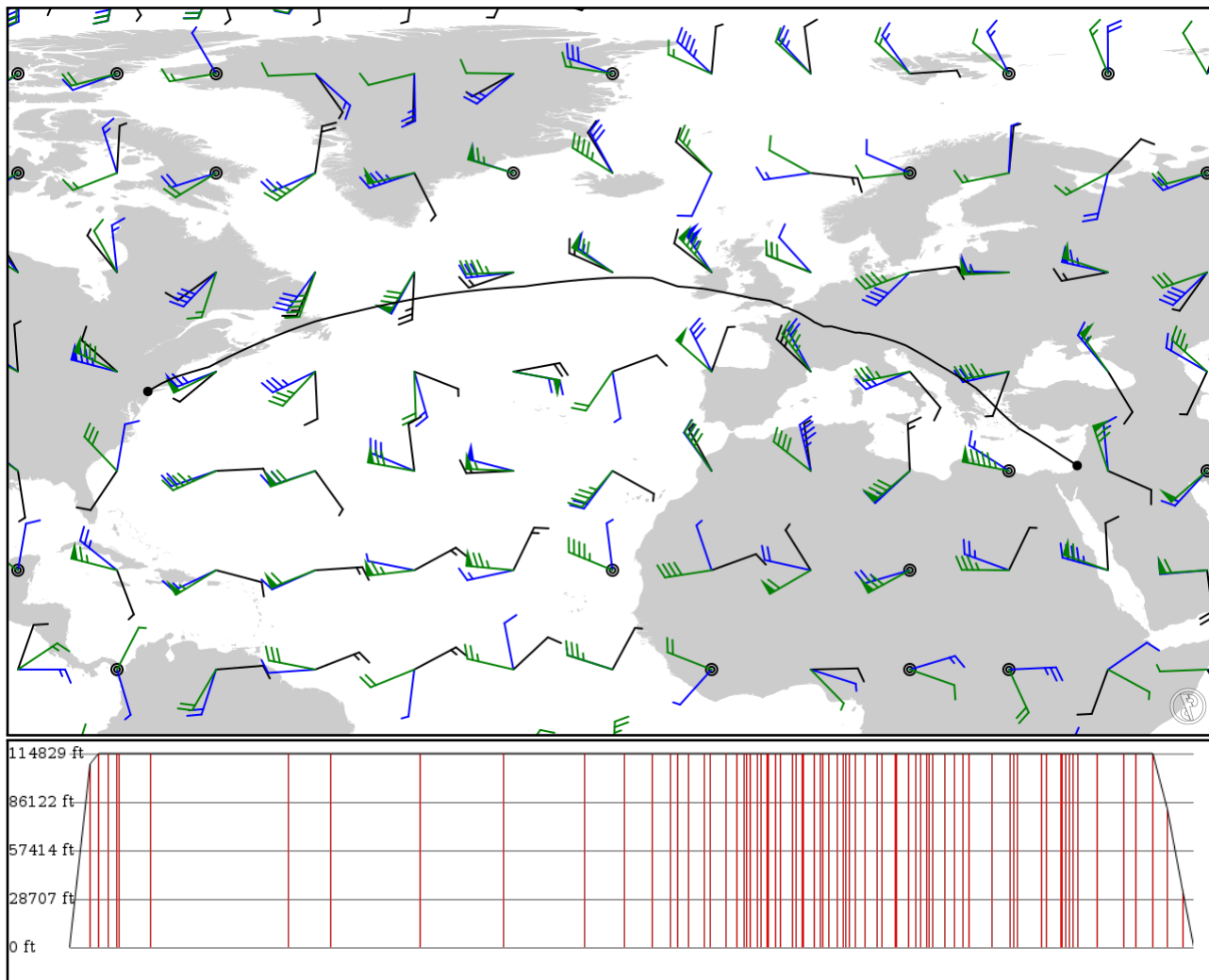
# LLBG

Tel Aviv Ben Gurion

2024/05/16 0332Z

KEWR HFD **J42** BOS **J575** TUSKY **N124B** YQX **5E56** 5050N +50.000\_--50.000 **S** +54.000\_--20.000 DOGAL **UM140**  
BURAK **UL9** ABAGU **L9** STU **UP2** NUMPO **Y3** NIGIT **UL18** MID **R803** SFD **UM605** WAFFU **Y8** GURLU **T27** GUBAR **UT427**  
NITAR **UT420** DIDOR **UL48** CTL **G40** VATRI BUBLI **UG42** LUVAL **UL851** EPL **T32** LASAT **UL851** TRA **G60** BODAN  
**N871** ALGOI **L607** ARNOS **P735** DOL **UB1** BOSNA **L608** PODOB **UL608** LONTA **L608** DISOR **G18** SOLIN LLBG

4992.47 nm / 9246.06 km



## Notes

Using NAT tracks from 10/3/2017

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
5050N FIX	5E56 AWY-LO	50.00000 -50.00000	35,000 ft 10,668 m	188	-
+50.000_--50.000 LATLON	-	50.00000 -50.00000	35,000 ft 10,668 m	0	-
+52.000_--40.000 LATLON	S NAT	52.00000 -40.00000	35,000 ft 10,668 m	396	-
+53.000_--30.000 LATLON	S NAT	53.00000 -30.00000	35,000 ft 10,668 m	370	-
+54.000_--20.000 LATLON	S NAT	54.00000 -20.00000	35,000 ft 10,668 m	361	-
DOGAL FIX	-	54.00000 -15.00000	35,000 ft 10,668 m	176	-
BURAK FIX	UM140 AWY-HI	53.00000 -12.00000	35,000 ft 10,668 m	122	-
UNBEG FIX	UL9 AWY-HI	52.80500 -9.73000	35,000 ft 10,668 m	83	-
SHA VOR	UL9 AWY-HI	52.72101 -8.88521	35,000 ft 10,668 m	31	SHANNON VOR-DME
ABAGU FIX	UL9 AWY-HI	52.50333 -7.64667	35,000 ft 10,668 m	47	-
SLANY FIX	L9 AWY-LO	52.15861 -5.84222	35,000 ft 10,668 m	69	-
STU VOR	L9 AWY-LO	51.99472 -5.04028	35,000 ft 10,668 m	31	STRUMBLE VOR-DME
NUMPO FIX	UP2 AWY-HI	51.61000 -3.28361	35,000 ft 10,668 m	69	-
OKESI FIX	Y3 AWY-LO	51.44333 -2.06167	35,000 ft 10,668 m	46	-
NIGIT FIX	Y3 AWY-LO	51.31306 -1.17083	35,000 ft 10,668 m	34	-
VAPID FIX	UL18 AWY-HI	51.25389 -1.04500	35,000 ft 10,668 m	5	-
MID VOR	UL18 AWY-HI	51.05389 -0.62500	35,000 ft 10,668 m	19	MIDHURST VOR-DME
SFD VOR	R803 AWY-LO	50.76056 0.12194	35,000 ft 10,668 m	33	SEAFORD VOR-DME
WAFFU	UM605	50.58250	35,000 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.34972	10,668 m		
GURLU	Y8	50.47778	35,000 ft	24	-
FIX	AWY-LO	0.96861	10,668 m		
GUBAR	T27	50.36028	35,000 ft	9	-
FIX	AWY-LO	1.15056	10,668 m		
ABUDA	UT427	50.11639	35,000 ft	27	-
FIX	AWY-HI	1.75750	10,668 m		
NITAR	UT427	49.92000	35,000 ft	21	-
FIX	AWY-HI	2.23639	10,668 m		
DIDOR	UT420	49.31361	35,000 ft	54	-
FIX	AWY-HI	3.28194	10,668 m		
CTL	UL48	49.13775	35,000 ft	15	CHATILLON SUR MARNE VOR-DME
VOR	AWY-HI	3.57769	10,668 m		
VATRI	G40	48.79333	35,000 ft	28	-
FIX	AWY-LO	4.05833	10,668 m		
BUBLI	-	48.77167	35,000 ft	3	-
FIX	-	4.15000	10,668 m		
LUVAL	UG42	48.29389	35,000 ft	49	-
FIX	AWY-HI	5.15361	10,668 m		
LANVI	UL851	48.31167	35,000 ft	25	-
FIX	AWY-HI	5.79722	10,668 m		
EPL	UL851	48.31783	35,000 ft	10	EPINAL MIRECOURT VOR
VOR	AWY-HI	6.05942	10,668 m		
LASAT	T32	48.15889	35,000 ft	26	-
FIX	AWY-LO	6.68417	10,668 m		
BEGAR	UL851	47.90833	35,000 ft	39	-
FIX	AWY-HI	7.58333	10,668 m		
06TRA	UL851	47.73333	35,000 ft	30	-
FIX	AWY-LO	8.28333	10,668 m		
TRA	UL851	47.68950	35,000 ft	6	TRASADINGEN VOR-DME
VOR	AWY-HI	8.43695	10,668 m		
ZUE	G60	47.59217	35,000 ft	16	ZURICH EAST VOR-DME
VOR	AWY-LO	8.81767	10,668 m		
BODAN	G60	47.58750	35,000 ft	25	-
FIX	AWY-LO	9.45139	10,668 m		
BAMUR	N871	47.54472	35,000 ft	4	-
FIX	AWY-LO	9.54361	10,668 m		
ALGOI	N871	47.44743	35,000 ft	38	-
FIX	AWY-LO	10.48867	10,668 m		
LIZUM	L607	47.11507	35,000 ft	55	-
FIX	AWY-LO	11.75604	10,668 m		
VENOG	L607	46.95477	35,000 ft	23	-
FIX	AWY-LO	12.27579	10,668 m		
ARNOS	L607	46.54126	35,000 ft	58	-
FIX	AWY-LO	13.56931	10,668 m		
GILIN	P735	46.49193	35,000 ft	6	-
FIX	AWY-LO	13.70243	10,668 m		
DOL	P735	46.08414	35,000 ft	50	DOLSKO VOR-DME
VOR	AWY-LO	14.77857	10,668 m		
GORPA	UB1	45.77308	35,000 ft	30	-
FIX	AWY-HI	15.35324	10,668 m		
LUSIN	UB1	45.55278	35,000 ft	21	-
FIX	AWY-HI	15.75222	10,668 m		
SIRMA	UB1	45.24250	35,000 ft	29	-
FIX	AWY-HI	16.30611	10,668 m		
KUSIB	UB1	45.14806	35,000 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	16.47167	10,668 m		
KOMAR	UB1	44.95806	35,000 ft	18	-
FIX	AWY-HI	16.80417	10,668 m		
BOSNA	UB1	44.37056	35,000 ft	53	-
FIX	AWY-HI	17.75972	10,668 m		
KEB	L608	43.93386	35,000 ft	39	SARAJEVO VOR-DME
VOR	AWY-LO	18.44983	10,668 m		
PODOB	L608	43.53167	35,000 ft	38	-
FIX	AWY-LO	19.14444	10,668 m		
BEDAK	UL608	43.23972	35,000 ft	27	-
FIX	AWY-HI	19.63836	10,668 m		
LONTA	UL608	42.15944	35,000 ft	101	-
FIX	AWY-HI	21.39722	10,668 m		
DISOR	L608	41.24722	35,000 ft	82	-
FIX	AWY-LO	22.75833	10,668 m		
FSK	G18	41.09972	35,000 ft	13	FISKA VOR-DME
VOR	AWY-LO	22.99222	10,668 m		
DIKNI	G18	40.89917	35,000 ft	15	-
FIX	AWY-LO	23.20639	10,668 m		
GIKAS	G18	39.49972	35,000 ft	107	-
FIX	AWY-LO	24.66694	10,668 m		
LUPIS	G18	39.21056	35,000 ft	22	-
FIX	AWY-LO	24.95889	10,668 m		
NEMIS	G18	38.37306	35,000 ft	63	-
FIX	AWY-LO	25.78778	10,668 m		
MES	G18	38.25167	35,000 ft	9	MESTA VOR-DME
VOR	AWY-LO	25.90556	10,668 m		
PIPEN	G18	38.06139	35,000 ft	15	-
FIX	AWY-LO	26.11667	10,668 m		
IKARO	G18	37.86639	35,000 ft	15	-
FIX	AWY-LO	26.33111	10,668 m		
URNIL	G18	37.68500	35,000 ft	14	-
FIX	AWY-LO	26.52861	10,668 m		
LARKI	G18	37.39889	35,000 ft	22	-
FIX	AWY-LO	26.83833	10,668 m		
RDS	G18	36.34111	35,000 ft	87	RODOS VOR-DME
VOR	AWY-LO	28.08250	10,668 m		
ALKIS	G18	35.20000	35,000 ft	115	-
FIX	AWY-LO	30.00000	10,668 m		
MAROS	G18	34.61667	35,000 ft	55	-
FIX	AWY-LO	30.88333	10,668 m		
APLON	G18	33.86667	35,000 ft	74	-
FIX	AWY-LO	32.06667	10,668 m		
LEDRA	G18	33.20000	25,000 ft	63	-
FIX	AWY-LO	33.05000	7,620 m		
SOLIN	G18	32.49451	9,900 ft	70	-
FIX	AWY-LO	34.17077	3,018 m		
LLBG	-	32.01147	0 ft	46	Tel Aviv Ben Gurion
APT	-	34.88506	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 160251Z 03014G27KT 6SM -DZ BR BKN008 OVC015 16/14 A2969 RMK AO2 PK WND 03028/0214 SLP053 P0000 60000 T0161014

## TAF

KEWR 160231Z 1603/1706 04015G21KT 6SM -DZ BR OVC009 TEMPO 1609/1613 BKN005 FM161300 02016G22KT 6SM BR VCSH OVC010

## 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

## LLBG

Region: ISRAEL

Timezone: ASIA/JERUSALEM

Runways: 3

Elevation: 134 ft / 41 m

Location: 32.009900 34.884000

Magnetic Var: 5.210 E

## METAR

LLBG 160320Z VRB03KT 9999 SCT027 18/14 Q1017 NOSIG

## TAF

TAF TAF LLBG 152312Z 1600/1624 VRB04KT 9999 SCT030 TEMPO 1600/1605 15005KT BKN025 BECMG 1607/1609 29010KT FEW035

## Frequencies

REC - 132.50 MHz - ATIS

GND - 118.05 MHz - BEN GURION GROUND

TWR - 119.35 MHz - BEN GURION TOWER

TWR - 134.60 MHz - BEN GURION TOWER

DEP - 119.35 MHz - BEN GURION DEPARTURE

APP - 119.35 MHz - BEN GURION APPROACH

APP - 131.10 MHz - BEN GURION ARRIVAL

REC - 132.80 MHz - ATIS

GND - 129.20 MHz - BEN GURION GROUND

TWR - 132.10 MHz - BEN GURION TOWER

CLD - 118.30 MHz - CLEARANCE DELIVERY

DEP - 120.50 MHz - BEN GURION DEPARTURE

APP - 120.50 MHz - BEN GURION APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	197 ft	9,120 ft	28.62	ASPHALT	0 ft	810 ft
	60 m	2,780 m	23.41		0 m	247 m
21	197 ft	9,120 ft	208.62	ASPHALT	0 ft	955 ft
	60 m	2,780 m	203.41		0 m	291 m
08	148 ft	13,304 ft	79.76	ASPHALT	1,440 ft	971 ft
	45 m	4,055 m	74.55		439 m	296 m
26	148 ft	13,304 ft	259.78	ASPHALT	2,051 ft	180 ft
	45 m	4,055 m	254.57		625 m	55 m
12	148 ft	10,222 ft	121.50	ASPHALT	0 ft	968 ft
	45 m	3,116 m	116.29		0 m	295 m
30	148 ft	10,222 ft	301.51	ASPHALT	266 ft	761 ft
	45 m	3,116 m	296.30		81 m	232 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	BG	110.30 MHz	18 nm	-	-	135 ft
				33 km	-		135 m
08	LOC-ILS	BC	110.90 MHz	18 nm	79.77	-	134 ft
				33 km	74.56		134 m
12	LOC-ILS	BG	110.30 MHz	18 nm	121.51	-	134 ft
				33 km	116.30		134 m
21	LOC-ILS	BN	109.70 MHz	18 nm	208.62	-	134 ft
				33 km	203.41		134 m
26	LOC-ILS	BA	108.70 MHz	18 nm	259.77	-	134 ft
				33 km	254.56		134 m
30	LOC-ILS	BD	111.90 MHz	18 nm	301.51	-	134 ft
				33 km	296.30		134 m
08	GS	BC	110.90 MHz	10 nm	79.77	3.00	134 ft
				19 km	74.56		134 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	GS	BG	110.30 MHz	10 nm	121.51	3.00	134 ft
				19 km	116.30		134 m
21	GS	BN	109.70 MHz	10 nm	208.62	3.00	134 ft
				19 km	203.41		134 m
26	GS	BA	108.70 MHz	10 nm	259.77	3.00	134 ft
				19 km	254.56		134 m
30	GS	BD	111.90 MHz	10 nm	301.51	3.20	134 ft
				19 km	296.30		134 m