

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES				MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE							
KILMA INT (IAF)		GRITY INT/I-EZA 12.00 DME		085.24 / 6.01 (JFK R-265)		2800							
GRITY INT/I-EZA 12.00 DME (IF)		DOOIN INT/I-EZA 6.24 DME/RADAR		038.82 / 5.76 (I-EZA)		1700							
				ILS: DA LOC: 5.22 MILES AFTER DOOIN INT/I-EZA 6.24 DME/RADAR OR AT I-EZA 1.02 DME FIX									
				CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 060 AND TEB VOR/DME R-205 TO TEB VOR/DME AND HOLD, OR AS DIRECTED BY ATC.									
				ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 ON STW VOR/DME R-121 TO MORNIS INT/SBJ 24.62 DME AND HOLD.									
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 155.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW MORNIS INT/SBJ 24.62 DME, RT, 061.25 INBOUND. CHART FAS OBST: 334 CRANE 403834N/0741115W CHART VDP AT 2.64 DME* DISTANCE VDP TO THLD 1.62 MILES. *LOC ONLY. CHART IN PLANVIEW: MORNIS INT/SBJ 24.62 DME. CHART IN PLANVIEW: STW R-121. CHART CIRCLING ICON. CHART LINDEN AIRPORT.									
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)													
2. PROFILE STARTS AT GRITY													
3. FAC: 038.82 FAF: DOOIN INT/I-EZA 6.24 DME/RADAR DIST FAF TO MAP: 5.22 THLD: 5.22													
4. MIN. ALT: GRITY 2800, DOOIN 1700													
5. DIST TO THLD FROM OM: - MM: - IM: 853 150 HAT: - 100 HAT: 889 GS ANT: 1060													
6. MIN GS INCPT: 1700 GS ALT AT: DOOIN 1700 OM: - MM: - IM: 109													
7. GS ANGLE: 2.95 TCH: 54.5													
8. MSA FROM: TEB VOR/DME 3000				MAG VAR: 13W EPOCH YEAR: 1985									
MINIMUMS													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: #		LOC: STANDARD @					
CATEGORY =====>		A		B		C		D		E			
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 4R		211	1800	200	211	1800	200	211	1800	200	211	1800	200
S-LOC 4R		600	2400	589	600	2400	589	600	6000	589	600	6000	589
SIDESTEP 4L		620	5000	610	620	5000	610	620	1 3/8	610	620	1 1/2	610
CIRCLING		720	1	702	820	1	802	900	2 3/4	882	900	3	882
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 4R: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 111 MSL. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 4R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA. (SEE FORM 8260-10)													
CITY AND STATE		ELEVATION: 18 TDZE: 4R 11		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
NEWARK, NJ		AIRPORT NAME: TDZE: 4L 10		I-EZA		ILS OR LOC RWY 4R, AMDT 13 ILS RWY 4R (CAT II) , ILS RWY 4R (CAT III) 09/18/2014				AMDT: 12E			
		NEWARK LIBERTY INTL								DATED 05/01/2014			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION <b>ILS - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29</b>			Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
NOTES, (CONT.): CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 4L CATS A AND B. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE SIDESTEP 4L CAT C VISIBILITY TO 1 3/4 MILE. CHART NOTE: NIGHT LANDING: RWY 29 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KILMA ON V433 WESTBOUND.				
CITY AND STATE NEWARK, NJ	ELEVATION: 18 AIRPORT NAME: NEWARK LIBERTY INTL	TDZE: 4R 11 TDZE: 4L 10	FACILITY IDENTIFIER: I-EZA	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 4R, AMDT 13 ILS RWY 4R (CAT II) , ILS RWY 4R (CAT III) 09/18/2014
				SUP: AMDT: 12E DATED: 05/01/2014

## FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEWRK6FI04R	AKILMA	010KILMAK6EA0E	A	FC	JFK K6	2652030208520040D	+	02800	18000			0	NS
SUSAP KEWRK6FI04R	AKILMA	020GRITYK6EA0EE	B	CF	IEZAK6	2188012608520020PI	+	02800				0	NS
SUSAP KEWRK6FI04R	I	010GRITYK6EA0E	I	IF	IEZAK6	21880126	PI	J	028000170018000			0	NS
SUSAP KEWRK6FI04R	I	020DOOINK6PC0E	F	CF	IEZAK6	2188006803900058PI	H	0170001700		-295TEB	K6D	0	NS
SUSAP KEWRK6FI04R	I	030RW04RK6PG0GY	M	CF	IEZAK6	2188001603900052PI		00065		-295		0	NS
SUSAP KEWRK6FI04R	I	040	0	M	CA	0388	+	00600				0	NS
SUSAP KEWRK6FI04R	I	050	0		VI	0600						0	NS
SUSAP KEWRK6FI04R	I	060TEB	K6D	OVY	CF	TEB K6	0000000002500070D	+	02500			0	NS
SUSAP KEWRK6FI04R	I	070TEB	K6D	OVE	R	HM	1550T010	+	02500			0	NS

[illegible][illegible]

CITY AND STATE  NEWARK, NJ	ELEVATION: 18	TDZE: 4R 11	FACILITY IDENTIFIER:  I-EZA	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  ILS OR LOC RWY 4R, AMDT 13 ILS RWY 4R (CAT II), ILS RWY 4R (CAT III) 09/18/2014	SUP:
	AIRPORT NAME:	TDZE: 4L 10			AMDT: 12E
	NEWARK LIBERTY INTL	DATED: 05/01/2014			

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[illegible]

SUP:	
AMDT:	12E
DATED:	05/01/2014

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

## FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	KILMA	KILMA	010	IAF	FC		FB		085.2 ( )	004.0	AA 02800	
	KILMA	GRITY	020		CF		FB		085.2 ( )	002.0	AA 02800	
		GRITY	010	FACF	IF		FB				AA 02800 GI 01700	
		DOOIN	020	FAF	CF		FB		039.0 ( )	005.8	GI 01700 GS 01700	
		RW04R	030	MAP	CF		FO		039.0 ( )	005.2	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		038.8 ( )		AA 00600	
		050		VI		FB		060.0 ( )			
	TEB	060		CF		FO		025.0 ( )	007.0	AA 02500	
	TEB	070		HM	R	FO		155.0 ( )	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JFK	N403758.40	W0734617.00	N4037.973	W07346.283
	TEB	N405055.39	W0740344.07	N4050.923	W07403.735
	GRITY	N403056.12	W0741636.95	N4030.935	W07416.616
	KILMA	N402909.70	W0742408.82	N4029.162	W07424.147
	DOOIN	N403607.69	W0741319.67	N4036.128	W07413.328
	RW04R	N404049.89	W0741020.55	N4040.832	W07410.343
	IEZA (LOC)	N404215.94	W0740925.84	N4042.266	W07409.431

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW04R	00011	55

CITY AND STATE  
NEWARK, NJELEVATION: 18 TDZE: 4R 11  
AIRPORT NAME: TDZE: 4L 10  
NEWARK LIBERTY INTLFACILITY  
IDENTIFIER:  
  
I-EZAPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
  
ILS OR LOC RWY 4R, AMDT 13  
ILS RWY 4R (CAT II), ILS RWY 4R (CAT III)  
09/18/2014SUP:  
AMDT: 12E  
DATED: 05/01/2014

## FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEWRK6FL04R	AKILMA	010KILMAK6EA0E	A	FC	JFK	K6	2652030208520040D	+	02800	18000		0	NS
SUSAP KEWRK6FL04R	AKILMA	020GRITYK6EA0EE	B	CF	IEZAK6		2188012608520020PI	+	02800			0	NS
SUSAP KEWRK6FL04R	L	010GRITYK6EA0E	I	IF	IEZAK6		21880126	PI	+	02800	18000		0
SUSAP KEWRK6FL04R	L	020DOOINK6PC0E	F	CF	IEZAK6		2188006803900058PI	+	01700		TEB	K6D	0
SUSAP KEWRK6FL04R	L	030RW04RK6PG0GY	M	CF	IEZAK6		2188001603900052PI		00065	-296			0
SUSAP KEWRK6FL04R	L	040	0	M	CA		0388	+	00600				0
SUSAP KEWRK6FL04R	L	050	0		VI		0600						0
SUSAP KEWRK6FL04R	L	060TEB	K6D	OVY	CF	TEB	K6	0000000002500070D	+	02500			0
SUSAP KEWRK6FL04R	L	070TEB	K6D	OVE	R	HM		1550T010	+	02500			0

[illegible][illegible]

SUP:	
AMDT:	12E
DATED:	05/01/2014

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

## FLIGHT STANDARDS SERVICES - FAR PART 97.25

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MSA 1 2 3 4 5 6 7 8 9 0 1 2 3  
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012  
-----  
SUSAP KEWRK6STEB K6D 0 18018003025 M

CITY AND STATE  
NEWARK, NJ

ELEVATION: 18 TDZE: 4R 11  
AIRPORT NAME: TDZE: 4L 10  
NEWARK LIBERTY INTL

FACILITY  
IDENTIFIER:  
I-EZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 4R, AMDT 13  
ILS RWY 4R (CAT II), ILS RWY 4R (CAT III)  
09/18/2014

SUP:

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## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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	KILMA	GRITY	020		CF		FB		085.2 ( )	002.0	AA 02800	
		GRITY	010	FACF	IF		FB				AA 02800	
		DOOIN	020	FAF	CF		FB		039.0 ( )	005.8	AA 01700	
		RW04R	030	MAP	CF		FO		039.0 ( )	005.2	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		038.8 ( )		AA 00600	
		050		VI		FB		060.0 ( )			
	TEB	060		CF		FO		025.0 ( )	007.0	AA 02500	
	TEB	070		HM	R	FO		155.0 ( )	T01.0	AA 02500	

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RW04R	00011	55

CITY AND STATE  
NEWARK, NJ

ELEVATION: 18 TDZE: 4R 11  
AIRPORT NAME: TDZE: 4L 10  
NEWARK LIBERTY INTL

FACILITY  
IDENTIFIER:  
I-EZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 4R, AMDT 13  
ILS RWY 4R (CAT II), ILS RWY 4R (CAT III)

09/18/2014

SUP:

AMDT: 12E

DATED: 05/01/2014