

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.	
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			
TERMINAL ROUTES		MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE
KILMA INT (IAF) EMBAY INT/I-EWR 12.53 DME (IF)	EMBAY INT/I-EWR 12.53 DME	083.09 / 5.90 (CRI R-263)	2800
	HOWYA INT/I-EWR 7.42 DME/RADAR	038.81 / 5.11 (I-EWR)	2000
		ILS: DA LOC: 5.87 MILES AFTER HOWYA INT/I-EWR 7.42 DME/RADAR OR AT I-EWR 1.55 DME FIX CLIMB TO 620 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: 307 TOWER 403512N/0741434W CHART 334 CRANE 403834N/0741115W. CHART LINDEN AIRPORT. CHART VDP AT 3.22 DME* DISTANCE VDP TO THLD 1.68 MILES. *LOC ONLY. CHART IN PLANVIEW: MORNIS INT/SBJ 24.62 DME. CHART CIRCLING ICON. CHART IN PLANVIEW: STW R-121.	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT EMBAY 3. FAC: <u>038.81</u> FAF: <u>HOWYA INT/I-EWR 7.42 DME/RADAR</u> DIST FAF TO MAP: <u>5.87</u> THLD: <u>5.87</u> 4. MIN. ALT: EMBAY 2800, HOWYA 2000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u>1724</u> 100 HAT: <u>801</u> GS ANT: <u>1046</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>HOWYA 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.10</u> TCH: <u>56.6</u> 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
DH/MDA	VIS	HAT/HAA	DH/MDA
S-ILS 04L	210	1800	200
S-LOC 04L	620	2400	610
SIDESTEP 04R	620	5000	609
CIRCLING	720	1	702
NOTES: SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 4L: CAT A, B, C, D, RA 150, RVR 1400, HAT 150, DA 160 MSL. SA CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 4L: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 110 MSL. (SEE FORM 8260-10)			
CITY AND STATE NEWARK, NJ		ELEVATION: 18 TDZE: 4L 10 AIRPORT NAME: TDZE: 4R 11 NEWARK LIBERTY INTL	FACILITY IDENTIFIER: I-EWR
PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 4L, AMDT 15 ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II) 29 MAY 2014		SUP: AMDT: 14A DATED 11/14/2013	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 4L AND SIDESTEP 4R CAT C VISIBILITY TO 1 3/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 4R CATS A AND B.

CHART NOTE: NIGHT LANDING: RWY 29 NA.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

AIRPORT NAME:

NEWARK LIBERTY INTL

TDZE: 4L 10

TDZE: 4R 11

FACILITY
IDENTIFIER:

I-EWR

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 4L, AMDT 15
ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II)

29 MAY 2014

SUP:

AMDT: 14A

DATED: 11/14/2013

FLIGHT STANDARDS SERVICES - FAR PART 97.29

ARINC PACKET - 424-18 - ILS

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QUALITY
89012
--CHECKED

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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible]

QUALITY
2
CHECKED

CITY AND STATE NEWARK, NJ	ELEVATION: 18	TDZE: 4L 10	FACILITY IDENTIFIER: I-EWR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	TDZE: 4R 11		ILS OR LOC RWY 4L, AMDT 15	AMDT: 14A
	NEWARK LIBERTY INTL	ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II)		DATED: 11/14/2013	
				29 MAY 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		083.1()	003.9	AA 02800	
	KILMA	EMBAY	020		CF		FB		083.1()	002.0	AA 02800	
		EMBAY	010	FACF	IF		FB				AA 02800 GI 02000	
		HOWYA	020	FAF	CF		FB		039.0()	005.1	GI 02000 GS 02000	
		RW04L	030	MAP	CF		FO		039.0()	005.9	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		038.8()		AA 00620	
		050		VI		FB		060.0()			
	TEB	060		CF		FO		025.0()	006.0	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
	CRI	N403644.90	W0735340.00	N4036.748	W07353.667
	TEB	N405055.39	W0740344.07	N4050.923	W07403.735
	IEWR (DME)	N404215.69	W0740933.74	N4042.262	W07409.562
	KILMA	N402909.70	W0742408.82	N4029.162	W07424.147
	EMBAY	N403100.29	W0741647.83	N4031.005	W07416.797
	HOWYA	N403536.37	W0741353.12	N4035.606	W07413.885
	RW04L	N404053.96	W0741031.66	N4040.899	W07410.528
	IEWR (LOC)	N404218.19	W0740938.11	N4042.303	W07409.635

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04L	00010	57

CITY AND STATE NEWARK, NJ	ELEVATION: 18	TDZE: 4L 10	FACILITY IDENTIFIER: I-EWR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: NEWARK LIBERTY INTL	TDZE: 4R 11		ILS OR LOC RWY 4L, AMDT 15	AMDT: 14A
				ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II) 29 MAY 2014	DATED: 11/14/2013



FLIGHT STANDARDS SERVICES - FAR PART 97.25

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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	CRI	K6011230VDTW	N40364490W073534000	N40364490W073534000W0110000100	NARCANARSIE								
SUSAD	TEB	K6010840VDTW	N40505539W074034407	N40505539W074034407W0110000030	NARTETERBORO								
SUSAD KEWRK6	IEWR	K6011075 IT	IEWRN40421569W074093374	000340	NARNEWARK LIBERTY INTL								

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEWRK6FL04L	AKILMA	010KILMAK6EA0E	A	FC	CRI	K6	2631024408310039D	+	02800	18000		0	NS
SUSAP KEWRK6FL04L	AKILMA	020EMBAYK6PC0EE	B	CF	IEWRK6		2188012508310020PI	+	02800			0	NS
SUSAP KEWRK6FL04L	L	010EMBAYK6PC0E	I	IF	IEWRK6		21880125	PI	+	02800	18000		0
SUSAP KEWRK6FL04L	L	020HOWYAK6PC0E	F	CF	IEWRK6		2188007403900051PI	+	02000		TEB	K6D	0
SUSAP KEWRK6FL04L	L	030RW04LK6PG0GY	M	CF	IEWRK6		2188001603900059PI		00067		-311		0
SUSAP KEWRK6FL04L	L	040	0	M	CA		0388	+	00620				0
SUSAP KEWRK6FL04L	L	050	0		VI		0600						0
SUSAP KEWRK6FL04L	L	060TEB	K6D	OVY	CF	TEB	K6	0000000002500060D	+	02500			0
SUSAP KEWRK6FL04L	L	070TEB	K6D	OVE	R	HM		1550T010	+	02500			0

[illegible][illegible]

CITY AND STATE NEWARK, NJ	ELEVATION: 18	TDZE: 4L 10	FACILITY IDENTIFIER: I-EWR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	TDZE: 4R 11		ILS OR LOC RWY 4L, AMDT 15	AMDT: 14A
	NEWARK LIBERTY INTL	ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II)		DATED: 11/14/2013	
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SUSAP KEWRK6IIEWR2 011075RW04LN40421819W0740938110388N40410217W0741022761010 10460423310W01305700007

[illegible]

2

CITY AND STATE NEWARK, NJ	ELEVATION: 18	TDZE: 4L 10	FACILITY IDENTIFIER: I-EWR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: NEWARK LIBERTY INTL	TDZE: 4R 11		ILS OR LOC RWY 4L, AMDT 15	AMDT: 14A
				ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II) 29 MAY 2014	DATED: 11/14/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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	KILMA	EMBAY	020		CF		FB		083.1()	002.0	AA 02800	
		EMBAY	010	FACF	IF		FB				AA 02800	
		HOWYA	020	FAF	CF		FB		039.0()	005.1	AA 02000	
		RW04L	030	MAP	CF		FO		039.0()	005.9	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		038.8()		AA 00620	
		050		VI		FB		060.0()			
	TEB	060		CF		FO		025.0()	006.0	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
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	TEB	N405055.39	W0740344.07	N4050.923	W07403.735
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	KILMA	N402909.70	W0742408.82	N4029.162	W07424.147
	EMBAY	N403100.29	W0741647.83	N4031.005	W07416.797
	HOWYA	N403536.37	W0741353.12	N4035.606	W07413.885
	RW04L	N404053.96	W0741031.66	N4040.899	W07410.528
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	RW04L	00010	57

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

AIRPORT NAME:

NEWARK LIBERTY INTL

TDZE: 4L 10

TDZE: 4R 11

FACILITY

IDENTIFIER:

I-EWR

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 4L, AMDT 15

ILS RWY 4L (SA CAT I), ILS RWY 4L (SA CAT II)

29 MAY 2014

SUP:

AMDT:

14A

DATED:

11/14/2013