

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KEWR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 14	<u>CITY</u> NEWARK	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 22L 11 22R 10	<u>SUPERSEDED</u> ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 13E	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-LSQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
PATRN	IAF	IZEKO		TF	FB	1.00	163.41	7.20	3000
IZEKO/I-LSQ 9.39 DME	IF	GIMEE/I-LSQ 7.82 DME					218.83	1.57 (I-LSQ)	2500
GIMEE/I-LSQ 7.82 DME		ZAVPI/I-LSQ 6.25 DME					218.83	1.57 (I-LSQ)	2000
ZAVPI/I-LSQ 6.25 DME		BUZZD/I-LSQ 4.68 DME					218.83	1.57 (I-LSQ)	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: I-LSQ 0.15 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 225 AND ARD VOR/DME R-069 TO KILMA INT/ARD 27.04 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 225 AND JFK VOR/DME R-265 TO KILMA INT/JFK 30.17 DME AND HOLD.



AIRPORT ID
KEWR

PROCEDURE NAME
ILS OR LOC RWY 22L
ILS RWY 22L (SA CAT I),
ILS RWY 22L (CAT II),
ILS RWY 22L (CAT III)

ORIGINAL/AMENDMENT
14

CITY
NEWARK

STATE
NJ

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT IZEKO

3. FAC: 218.83 FAF: BUZZD/I-LSQ 4.68 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.54

4. MIN ALT: IZEKO/I-LSQ 9.39 DME 3000, GIMEE/I-LSQ 7.82 DME 2500, ZAVPI/I-LSQ 6.25 DME 2000, BUZZD/I-LSQ 4.68 DME 1500

5. DIST TO THLD FROM OM: MM: IM: 100 HAT: 1099 150 HAT: 2053 GS ANT: 815

6. MIN GS INCPT: 1500 GS ALT AT PFAF : BUZZD/I-LSQ 4.68 DME 1500 OM: MM: IM:

7. GS ANGLE: 3.00 34:1: 20:1: TCH: 42.8

8. MSA FROM: SBJ VOR/DME 3100 (28NM)

PBN REQUIREMENTS NOTES:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY. DME REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 152, RVR 1400, HAT 150, DA 161 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 102, RVR 1200, HAT 100, DA 111 MSL.
CHART NOTE: CIRCLING NA S OF RWY 11-29.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CAT II RVR 1000 CHART NOTE: AUTHORIZED WITH SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: WHEN CIRCLING TO RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RVR 600.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART SPEED ICON IN PLANVIEW AT IZEKO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 068.78 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W KILMA INT/JFK 30.17 DME, RT, 085.24 INBOUND.
CHART FAS OBST: 290 STACK (34-000665) 404417N/0740736W.
FAS OBST: 330 AAO 404612N/0740705W.
CHART VDP AT 1.60 DME.
DISTANCE VDP TO THLD 1.47 NM.
CHART CIRCLING ICON.



MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 900-2 3/4, CAT D 900-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 22L	211	1800	200	211	1800	200	211	1800	200	211	1800	200			
S-LOC 22L	540	2400	529	540	2400	529	540	5500	529	540	5500	529			
SIDESTEP 22R	540	5500	530	540	5500	530	540	5500	530	540	1 1/2	530			
CIRCLING	660	1	643	660	1	643	900	2 3/4	883	900	3	883			

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED FROM "PATRN INT TO TEB VOR/DME" TO "PATRN (IAF) TO IZEKO/I-LSQ 9.39 DME," UPDATED COURSE FROM "155.00" TO "163.41," DISTANCE FROM "6.86" TO "7.20," ADDED LEG TYPE TF, FO/FB TB, AND RNP 1.00 - ADDED NEW ROUTE TO AVOID TCAS ALERTS FROM KTEB DEPARTURES; FPT REQUEST, MODIFIED FIX NAMES AND LOCATIONS AND CHANGED FROM CONVENTIONAL TO RNAV SEGMENT.
2. TERMINAL ROUTES: UPDATED FROM "TEB VOR/DME (IAF) TO GIMEE INT/I-LSQ 7.82 DME/RADAR" TO "IZEKO/I-LSQ 9.39 DME TO GIMEE/I-LSQ 7.82 DME," COURSE FROM "219.71" TO "218.83," DISTANCE FROM "2.43" TO "1.57" - ADDED NEW ROUTE TO AVOID TCAS ALERTS FROM KTEB DEPARTURES; FPT REQUEST, MODIFIED FIX NAMES AND LOCATIONS.
3. TERMINAL ROUTES: CHANGED FROM "GIMEE INT/I-LSQ 7.82 DME/RADAR (IF) TO BUZZD INT/I-LSQ 4.62 DME/RADAR" TO "GIMEE/I-LSQ 7.82 DME TO ZAVPI/I-LSQ 6.25 DME," COURSE: "218.83," DISTANCE: "1.57" AND ALTITUDE: "2000" - ADDED NEW ROUTE TO AVOID TCAS ALERTS FROM KTEB DEPARTURES; FPT REQUEST, MODIFIED FIX NAMES AND LOCATIONS.
4. TERMINAL ROUTES: ADDED IF STEPDOWN: "ZAVPI/I-LSQ 6.25 DME TO BUZZD/I-LSQ 4.68 DME," COURSE: "218.83," DISTANCE: "1.57" AND ALTITUDE: "1500" - ADDED NEW ROUTE TO AVOID TCAS ALERTS FROM KTEB DEPARTURES; FPT REQUEST, MODIFIED FIX NAMES AND LOCATIONS.
5. MAP: UPDATED LOC FROM "4.49 MILES AFTER BUZZD INT/I-LSQ 4.62 DME/RADAR OR AT I-LSQ 0.15 DME FIX" TO "I-LSQ 0.15 DME" - DME REQUIRED SO TIME/DISTANCE TABLE NO LONGER REQUIRED.
6. ALTERNATE MISSED APPROACH: UPDATED FROM "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 225 AND CRI - VOR/DME R-263 TO KILMA INT/CRI 24.44 DME AND HOLD" TO "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 225 AND JFK VOR/DME R-265 TO KILMA INT/JFK 30.17 DME AND HOLD" - CRI VOR/DME RADIALS UNUSABLE; PER FPT REQUEST.
7. PROFILE LINE 2: UPDATED FROM "PROFILE STARTS AT TEB VOR/DME" TO "PROFILE STARTS AT IZEKO" - TEB VOR/DME REMOVED FROM PROCEDURE; IZEKO IS THE INTERMEDIATE FIX.
8. PROFILE LINE 3: UPDATED FAF FROM "BUZZD INT/I-LSQ 4.62 DME/RADAR" TO "BUZZD/I-LSQ 4.68 DME," DIST FAF TO THLD FROM "4.49" TO "4.54" AND REMOVED DIST FAF TO MAP - NEW FAF NAME AND LOCATION, TCH CHANGED FROM 40.1 TO 42.8 AND DIST FAF TO MAP REMOVED REF TIME/DISTANCE TABLE NOT REQUIRED REFERENCE AS DME REQUIRED.
9. PROFILE LINE 4: UPDATED MIN ALT FROM "TEB VOR/DME 3000, GIMEE 2500, BUZZD 1500" TO "IZEKO/I-LSQ 9.39 DME 3000, GIMEE I-LSQ 7.82 DME 2500, ZAVPI/I-LSQ 6.25 DME 2000, BUZZD/I-LSQ 4.68 DME 1500" - UPDATED FIX NAMES AND ALTITUDES PER FPT REQUEST TO AVOID TCAS ALERTS AT ADJACENT AIRPORT.
10. PROFILE LINE 5: CHANGED 100 HAT FROM 1141 TO 1099 AND 150 HAT FROM 2095 TO 2053, UPDATED GS ANT FROM "814" TO "815" - REFERENCE REVISED AIRNAV DATA.
11. PROFILE LINE 6: UPDATED GS ALT AT PFAF FROM: "BUZZD 1497" TO "BUZZD/I-LSQ 4.68 DME 1500," REMOVED IM: 109 - IM DECOMMISSIONED AND NAMED PFAF.
12. PROFILE LINE 7: UPDATED TCH FROM "40.1" TO "42.8" - TCH NOW A DESIGNED TCH PER MEMO 272.
13. PROFILE LINE 8: UPDATED MSA FROM "TEB VOR/DME 3000" TO "SBJ VOR/DME 3100 (28 NM)" - TEB VOR BEING DECOMMISSIONED.
14. ADDED PBN REQUIREMENTS NOTE: RNP APCH-GPS AND EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" AND "AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY" - IAW 8260.191 8-6-8.
15. NOTES: UPDATED CHART PROFILE NOTE FROM "VGSI AND ILS GLIDEPATH NOT COINCIDENT" TO "VGSI AND GLS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.191 8-6-9 (M).
16. NOTES: ADDED CHART NOTE "CIRCLING NA S OF RWY 11-29" - PER FPT REQUEST TO LOWER CIRCLING CAT A AND B MINIMUMS.
17. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT IZEKO: MAX 210 KIAS" - SPEED RESTRICTION ADDED PER FPT REQUEST TO AVOID TCAS ALERTS AT ADJACENT AIRPORT, IAW 8260.191 4-6-10 (G).
18. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "CHART VDP AT 1.67 NM" TO "CHART VDP AT 1.60" - IAW 8260.191 8-6-10 (M).
19. ADDITIONAL FLIGHT DATA: UPDATED NOTE DISTANCE VDP TO THLD FROM "1.54 MILES" TO "1.47 NM" - IAW 8260.191 8-6-10 (M).
20. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "291 STACK 404417N/0740736W" TO "290 STACK (34-000665) 404417N/0740736W" - IAW 8260.191 8-6-10 (C).
21. ADDITIONAL FLIGHT DATA: REMOVED "LOC ONLY" - NO LONGER REQUIRED IAW 8260.191 8-6-10 (M).
22. MINIMUMS: UPDATED CIRCLING CMDA/HAA CAT A FROM "760/743" AND CAT B FROM "820/803" TO CAT A/B "660/643" - RESTRICTED CIRCLING S OF RWY 11/29 REFERENCE UPDATED OBSTACLE SURVEY, NEW CONTROLLING OBSTACLE.
23. MINIMUMS: UPDATED S-LOC 22L MDA/HAT FROM 560/549 TO 540/529 ALL CATS AND CAT C AND D RVR FROM "6000" TO "5500" - IAW 8260.3E TABLE 3-3-1.
24. MINIMUMS: UPDATED SIDESTEP RWY 22R CAT A AND B RVR FROM "5000" TO "5500" AND CAT C RVR FROM "6000" TO "5500" - IAW 8260.3E PARA 3-3-4.A.(1) AND INOP COMPONENTS TABLE #4.

QUALITY
48
CHECKED

AIRPORT ID
KEWR

PROCEDURE NAME
ILS OR LOC RWY 22L
ILS RWY 22L (SA CAT I),
ILS RWY 22L (CAT II),
ILS RWY 22L (CAT III)

ORIGINAL/AMENDMENT
14

CITY
NEWARK

STATE
NJ

25. MINIMUMS: SIDESTEP MINS CHANGED FROM MDA/HAT "560/550" TO "540/530" - UPDATED CONTROLLING OBSTACLE.
26. NOTES: UPDATED FROM "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 152, RVR 1400, HATH 150, DA 161 MSL" TO "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 152, RVR 1600, HAT 150, DA 161 MSL" - PENETRATING OBS INCREASES RVR AND CHANGED REFERENCE FROM THLD TO TDZE.
27. NOTES: UPDATED FROM "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 102, RVR 1200, HATH 100, DA 111 MSL" TO "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 102, RVR 1200, HAT 100, DA 111 MSL" - CHANGED REFERENCE FROM THLD TO TDZE.
28. REMOVED ALTERNATE MA - CRI VOR/DME RADIALS UNUSABLE.
29. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PROFILE VIEW: I-LSQ DME ANTENNA" - NO LONGER REQUIRED.
30. NOTES: UPDATED CAT III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED: S-ILS 22L: CAT IIIA CAT A,B,C,D RVR 700, CAT IIIB CAT A,B,C,D, RVR 600, CAT IIIC NA TO SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 600." - IAW 8260.19I 8-6-11 M (5).
31. ADDITIONAL FLIGHT DATA REMOVED NOTE "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W KILMA INT/ARD 27.04 DME, RT, 083.09 INBOUND" - NO LONGER REQUIRED PER 8260.19I 8-6-6- H (2).
32. ADDITIONAL FLIGHT DATA REMOVED CHART OM IN HALF-TONE - OM DECOMMISSIONED.
33. NOTES: REMOVED INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 22R CATS A/B - NOTE NOT REQUIRED IAW 8260.3E TABLES 3-3-1, 3-3-3, 3-3-4 AND INOP COMPONENTS TABLE.
34. NOTES: UPDATED SA CAT I CHART NOTE FROM REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH TO REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL - IAW 8260.19I 8-6-11 M (1).
35. ALTERNATE MINIMUMS: UPDATED FROM ILS CAT A-C 800-2, CAT D 900-3, LOC STANDARD CAT D 900-3 TO ILS STANDARD, LOC STANDARD, CAT C 900-2 3/4, CAT D 900-3 - IAW 8260.3E 3-4-1 D AND REVISED CIRCLING CAT C MINS.
36. PRIMARY MISSED APPROACH REMOVED "OR AS DIRECTED BY ATC" - NO LONGER REQUIRED.
37. ADDITIONAL FLIGHT DATA: ADDED FAS OBST: 330 AAO 404612N/0740705W - IAW 8260.19I 8-6-10E AND 8-6-10 C NOTE.

10/27/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/13/2022.

1. NOTES: UPDATED FROM "CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN" TO "CAT II RVR 1000 CHART NOTE: AUTHORIZED WITH SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN" - IAW 8260.19I, 8-6-11 M.
2. NOTES: UPDATED FROM "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 102, RVR 1600, HAT 100, DA 111 MSL" TO "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 102, RVR 1400, HAT 100, DA 111 MSL" - PENETRATING OBSTACLE OUTSIDE SECTION A.

COORDINATED WITH:

AAA ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** EWR ATCT, NY TRACON, ZNY, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

ERIC N SUSKI

Jan 10, 2023

Digitally signed by

JOHNNIE BAKER

Oct 28, 2022

OFFICE

FPO

DATE

01/04/2023

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

OFFICE

AJV-A431

DATE

05/13/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by

JOHNNIE BAKER

Oct 28, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
48
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KEWR	ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	14	NEWARK	NJ	17	I-LSQ

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
PATRN

TO
IZEKO

<u>RNP</u>	<u>DISTANCE</u> 7.20	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	405633.00N/0741130.00W		742	164	98	4E	1000				AT1258	3000
TERRAIN	405413.00N/0741027.00W		462 (500)								AS1500	2000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
IZEKO/I-LSQ 9.39 DME

TO
GIMEE/I-LSQ 7.82 DME

<u>RNP</u>	<u>DISTANCE</u> 1.57	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
ANTENNA (34-035716)	404825.15N/0740413.24W		508	20	3	1A	500				AT1492	2500
TERRAIN	404754.00N/0740106.00W		275 (300)								AS1500	1800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM

GIMEE/I-LSQ 7.82 DME

TO

ZAVPI/I-LSQ 6.25 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	1.57											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (34-001062)	404754.36N/0740521.51W		675	500	50	5D	500				AT825	2000
TERRAIN	404909.00N/0740636.00W		144 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

ZAVPI/I-LSQ 6.25 DME

TO

BUZZD/I-LSQ 4.68 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	1.57											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (34-000259)	404747.00N/0740603.00W		415	100	20	3C	500				AT585	1500
TERRAIN	404718.00N/0740757.00W		147 (100)								AS1000	1100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: ILS

FROM

BUZZD/I-LSQ 4.68 DME

TO

RW22L

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	4.54		DA	200								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				211

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

FINAL: ILS SA CAT I

FROM

BUZZD/I-LSQ 4.68 DME

TO

RW22L

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	4.49		DA	150								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				161

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



FINAL: ILS CAT II

FROM

BUZZD/I-LSQ 4.68 DME

TO

RW22L

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.50		DA		100							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				111

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

BUZZD/I-LSQ 4.68 DME

TO

I-LSQ 0.15 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.54		I-LSQ 0.15 DME		529							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (34-000665)	404417.00N/0740736.00W		290	20	20	1C	250					540

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC SIDESTEP

FROMBUZZD/I-LSQ 4.68 DME

TO
RW22R

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.54		RW22R	530								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404514.34N/0740717.70W		230	50	20	2C	250				XP60	540

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:
XP: ADDED 60 FEET PER 8260.3E PARA 2-7-3.F SIDESTEP MDA CAN NOT BE LOWER THAN HIGHEST MDA.
MISSED APPROACH : ILS

FROMDA

TO
KILMA INT/ARD 27.04 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
				46								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH : ILS SA CAT I

FROM
DA

TO
KILMA INT/ARD 27.04 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

MISSED APPROACH : ILS CAT II

FROM
DA

TO
KILMA INT/ARD 27.04 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH : LOC

FROM
I-LSQ 0.15 DME

TO
KILMA INT/ARD 27.04 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 290					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : ILS

FROM
DA

TO
KILMA INT/JFK 30.17 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 46					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE : ILS SA CAT I

FROM

DA

TO

KILMA INT/JFK 30.17 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : ILS CAT II

FROM

DA

TO

KILMA INT/JFK 30.17 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE : LOC

FROM
I-LSQ 0.15 DME

TO
KILMA INT/JFK 30.17 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 290					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (34-024840)	402916.40N/0741828.80W		450	500	50	5D	1000					1500
TERRAIN	403206.00N/0741927.00W		223 (200)								AS1500	1700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (34-000522)	404231.27N/0741206.59W	1.30	643	357	20	3	1A	300			660
CATEGORY B											
BUILDING (34-000522)	404231.27N/0741206.59W	1.81	643	357	20	3	1A	300			660
CATEGORY C											
BUILDING (34-000085)	404412.00N/0741015.00W	2.84	883	597	20	3	1A	300			900
CATEGORY D											
BUILDING (34-000085)	404412.00N/0741015.00W	3.70	883	597	20	3	1A	300			900

CIRCLING REMARKS:



MSA

CENTER

SBJ VOR/DME

RADIUS

28

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (42-000283)	405303.01N/0751538.59W	318	29.8	2022	250	20	4C	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



<u>AIRPORT ID</u> KEWR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	<u>AMDT NO.</u> 14	<u>CITY</u> NEWARK	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 17	<u>FACILITY</u> I-LSQ
---------------------------	--	-----------------------	-----------------------	--------------------	--------------------------------	--------------------------

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
EWR TOWER, N90 TRACON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KEWR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KEWR	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

<u>PRIMARY NAVAID</u> I-LSQ	<u>MONITOR POINT</u> EWR ATCT	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
--------------------------------	----------------------------------	----------------------------	-----------------

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW29 - TDZ, HIRL, REIL, C/LINE, PAPI-4R	NPI-G	
RW04L - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW04R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW11 - TDZ, HIRL, REIL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22R - TDZ, MALSR, HIRL, REIL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 10.6	<u>TCH</u> 42.8	<u>ELEV GS ANTENNA</u> 7.4	<u>DISTANCE FROM RWY</u> 815	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 60.0
---------------------------------	-----------------------------------	--------------------	-------------------------------	---------------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

ON CENTERLINE

☒

☒

FT FROM THRESHOLD

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

1793

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

QUALITY
48
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 11 of 15

AIRPORT ID		PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KEWR		ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	14	NEWARK	NJ	17	I-LSQ
Final Type	CIRCLING RWY 29						
20:1							
39 POLE (34-076728) 404205.43N/0740918.19W (7.93)				39 POLE (34-076729) 404206.31N/0740917.68W (6.36)			
39 POLE (34-043930) 404203.56N/0740917.74W (5.38)				44 POLE (34-044071) 404203.79N/0740916.23W (4.69)			
39 POLE (34-043582) 404203.42N/0740917.36W (3.86)				39 POLE (34-043587) 404201.73N/0740917.30W (2.88)			
38 POLE (34-043584) 404204.48N/0740917.22W (2.79)				40 POLE (34-043592) 404202.66N/0740916.85W (2.57)			
44 POLE (34-043350) 404202.21N/0740915.78W (2.27)				34 POLE (34-023881) 404205.40N/0740918.00W (2.19)			
34 POLE (34-043905) 404205.35N/0740918.00W (2.17)				29 POLE (34-023894) 404203.60N/0740919.50W (2.15)			
28 POLE (34-023915) 404203.10N/0740919.80W (2.08)				27 POLE (34-023917) 404202.70N/0740920.10W (2.05)			
21 TERRAIN (34-043533) 404202.07N/0740921.70W (1.92)				28 POLE (34-023916) 404202.60N/0740919.80W (1.86)			
25 POLE (34-043531) 404201.80N/0740920.64W (1.73)				26 POLE (34-023919) 404202.30N/0740920.30W (1.65)			
28 POLE (34-026172) 404203.35N/0740919.64W (1.58)				33 POLE (34-043861) 404201.74N/0740918.52W (1.57)			
30 POLE (34-023889) 404204.30N/0740919.00W (1.54)				32 TRAVERSE_WAY (34-025755) 404204.00N/0740918.51W (1.53)			
29 POLE (34-023890) 404203.90N/0740919.30W (1.51)				38 POLE (34-043588) 404205.32N/0740916.78W (1.47)			
22 FENCE (34-055567) 404202.13N/0740921.31W (1.45)				31 POLE (34-023888) 404204.40N/0740918.70W (1.43)			
25 POLE (34-044613) 404201.97N/0740920.53W (1.38)				27 POLE (34-023897) 404202.90N/0740919.90W (1.38)			
26 POLE (34-023918) 404202.50N/0740920.20W (1.35)				31 POLE (34-023884) 404205.00N/0740918.60W (1.31)			
38 POLE (34-043590) 404204.37N/0740916.84W (1.28)				30 POLE (34-043849) 404204.04N/0740918.95W (1.23)			
21 TERRAIN (34-044611) 404202.47N/0740921.45W (1.13)				32 POLE (34-023880) 404205.70N/0740918.20W (1.09)			
30 POLE (34-023892) 404204.10N/0740918.90W (1.07)				29 POLE (34-023891) 404203.70N/0740919.20W (1.04)			
30 POLE (34-025895) 404204.65N/0740918.83W (1.04)				25 POLE (34-026037) 404202.16N/0740920.41W (1.01)			
30 POLE (34-023886) 404204.70N/0740918.80W (0.95)				25 POLE (34-023900) 404202.10N/0740920.40W (0.94)			
31 POLE (34-023883) 404205.40N/0740918.40W (0.72)				34 POLE (34-043910) 404206.25N/0740917.52W (0.72)			
28 POLE (34-023893) 404203.30N/0740919.40W (0.63)				43 POLE (34-058373) 404201.33N/0740915.71W (0.61)			
42 POLE (34-044075) 404204.95N/0740915.53W (0.51)				27 POLE (34-023895) 404203.40N/0740919.60W (0.44)			
27 POLE (34-023896) 404203.00N/0740919.60W (0.27)				21 TERRAIN (34-055569) 404202.90N/0740921.16W (0.21)			
17 FENCE (34-043530) 404202.40N/0740922.26W (0.21)				22 FENCE (34-026033) 404202.77N/0740920.90W (0.15)			
19 FENCE (34-020588) 404204.43N/0740921.49W (0.15)				38 POLE (34-044069) 404206.17N/0740916.31W (0.04)			

QUALITY

QUALITY
48
CHECKED

AIRPORT ID KEWR	PROCEDURE NAME ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	AMDT NO. 14	CITY NEWARK	STATE NJ	AIRPORT ELEVATION 17	FACILITY I-LSQ
---------------------------	--	-----------------------	-----------------------	--------------------	--------------------------------	--------------------------

PENETRATIONS REMARKS:

DIGITAL APT DATA FILE ATTACHMENT FW_EWR RWY 29 20_1 SURFACE (CORRECTION).PDF EMAIL AUTHORIZING RWY 29 NIGHT OPERATIONS. PER 8260-19I PARA 8-6-11.O.(2).(H) NOTE WILL BE CHART NOTE: WHEN CIRCLING TO RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACK-UP ALTIMETER SOURCE NOT REQUIRED. 24 HOUR CONTROL TOWER HAS REDUNDANT ALTIMETER REPORTING EQUIPMENT.

VEGETATION HEIGHT OF 100 FT USED PER FPT.

MSA:
EXCEPT FOR ALTERNATE MISSED APPROACH, CHANGES REQUESTED REFERENCE THIS AMENDMENT TO REMOVE THE TEB VOR/DME, JFK VOR/DME AND LGA VOR/DME. NEXT CLOSEST NAVAID IS CRI VOR/DME, 13.41 NM FROM KEWR. DID NOT USE THIS NAVAID AS THERE ARE VOR RESTRICTIONS OF 047-175 AND 224-035 UNUSABLE. THAT ONLY LEAVES CRI VOR RADIALS 036-046 AND 176-223 USABLE WHICH EQUALS ONLY 16% OF THE NAVAID USABLE. BASED ON LIMITED USE, CRI VOR/DME NOT USED REFERENCE MSA. COL VOR/DME NOT USED REFERENCE NAVAID TO BE DECOMMISSIONED IN THE FUTURE. USED SBJ VOR/DME.

WAIVER: 8260.3E TABLE 10-1-1 TCH REQUIREMENTS WHEEL HEIGHT GROUP 4 MINIMUM TCH VALUE 45 FEET.

WAIVER: 8260.3E PARA 2-5-3.D. DESCENT GRADIENTS.

I-LSQ HAS FACILITY RESTRICTIONS. THEREFORE, THIS PROCEDURE MUST BE APPROVED BY FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION IN COORDINATION WITH AJF-0 ON A CASE-BY-CASE BASIS IAW 8400.13F, CHAPT 1, 5, A.

ORDER 8260.3 CHAPTER 2 APPLIED TO 330 AAO 404611.61N/0740705.10W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

QUALITY
48
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 13 of 15

<div>AIRPORT ID KEWR</div>	<div>PROCEDURE NAME ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)</div>	<div>AMDT NO. 14</div>	<div>CITY NEWARK</div>	<div>STATE NJ</div>	<div>AIRPORT ELEVATION 17</div>	<div>FACILITY I-LSQ</div>
--------------------------------	--	----------------------------	----------------------------	-------------------------	-------------------------------------	-------------------------------

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.29
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.93
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	205.83
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	5.71
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	2.67
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	205.83
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD
COORDINATES
(IF STR-IN)

404152.30N/0740940.87W

ARP COORDINATES

404132.93N/0741007.27W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 4L DISTANCE 1.14 NM

FAF
COORDINATES

404557.75N/0740704.58W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
THLD DISPLACED 1793FT, ACTUAL COORDINATES: 404208.24N/0740930.73W.

QUALITY
48
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 14 of 15

<u>AIRPORT ID</u> KEWR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22L ILS RWY 22L (SA CAT I), ILS RWY 22L (CAT II), ILS RWY 22L (CAT III)	<u>AMDT NO.</u> 14	<u>CITY</u> NEWARK	<u>STATE</u> NJ	<u>AIRPORT ELEVATION</u> 17	<u>FACILITY</u> I-LSQ
---------------------------	--	-----------------------	-----------------------	--------------------	--------------------------------	--------------------------

PART E: PREPARED BY

<u>NAME</u> ERIC N SUSKI (JUDITH TUTTLE)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 05/13/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
---	---------------------------	---------------------------	---

