US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KILMA (IAF)	ISACE (FB)	086.33 / 5.96	2800
ISACE (IF)	DOOIN (FB)	038.75 / 6.00	1700
DOOIN (FAF)	RW04R (MAP) (FO)	038.79 / 5.06	
RW04R (MAP)	357 MSL	038.79	
357 MSL	CANBO (FB)		
CANBO	MOSME (FB)	073.36 / 2.97	
MOSME	TEB VOR/DME (FO)	024.98 / 6.51	2500

MISSED APPROACH

LPV: DA
LNAV: RW04R

CLIMB TO 2500 DIRECT CANBO AND ON TRACK 073.36 TO MOSME AND ON TRACK 024.98 TEB VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ISACE
3. FAC: 038.79 FAF: DOOIN DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: ISACE 2800, DOOIN 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: DOOIN 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4 34:1 IS NOT CLEAR
8. MSA FROM: RW04R 3000

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 157.00 INBOUND.
CHART FAS OBST: 319 STACK 403803N/0741314W
CHART: 515 STACK 403528N/0741155W
DISTANCE TO THLD FROM 346 HATH: 0.91 NM.
CHART VDP AT 1.81 MILES TO RW04R*
*LNAV ONLY.
WAAS CHANNEL # 60924
REFERENCE PATH ID: W04B
LTP HAE: -29.1 M

MAG VAR: 13W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A 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	DH/MDA	VIS	HAT/HAA
LPV DA	357	4000	346	357	4000	346	357	4000	346	357	4000	346			
LNAV MDA	660	4000	649	660	4000	649	660	6000	649	660	1 1/2	649			
CIRCLING	720	1	702	720	1	702	720	2	702	900	3	882			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 29 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KILMA ON V433 WESTBOUND.
(SEE FORM 8260-10)

@ CAT D 900-3

CITY AND STATE	ELEVATION: 18 THRE: 11 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEWARK, NJ	NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X EWR ATCT, NY TRACON, ZNY, AMGR, NY FPO, NJ DEP OF AVIA

FLIGHT CHECKED BY		
NAME: RUSSELL PRICE ELLIOTT	FIFO FIOG	DATE: 10/04/2005
DEVELOPED BY		
NAME: ERIC VALDEZ	FIFO AJV-352	DATE: 05/14/2012
APPROVED BY		
NAME: DARRYEL ADAMS	FIFO AJV-352	DATE:

CHANGES:

1. CHANGED FROM 34:1 IS CLEAR TO 34:1 IS NOT CLEAR.
2. CHANGED VDP FROM 1.56 TO 1.81.
3. LNAV MDA/HAT RAISED FROM 580/569 TO 660/649.
4. CHANGED LNAV VISIBILITY: CATS A/B FROM 2400 TO 4000; CAT C FROM 5000 TO 6000; CAT D FROM 6000 TO 1 1/2.
5. CHANGED CIRCLING VISIBILTY CATS A/B FROM 1 1/4 TO 1.
6. ADDED HELICOPTER NOTE.
7. CHANGED INOP NOTE FROM " FOR INOPERATIVE MALSR, INCREASED LPV VISIBILITY TO RVR 6000 ALL CATS " TO "FOR INOPERATIVE ALSF-2, INCREASE LPV VISIBILITY TO 1 1/4 MILE ALL CATS; INCREASE LNAV CATS A/B VISIBILITY TO 1 MILE, AND CAT C TO 1 3/4 MILE."
8. UPDATED FAS DATA BLOCK PAGE BY ADDING "Y" TO ROUTE INDICATOR.

REASONS:

1,3. NEW OBSTACLE.
2. LNAV MDA RAISED.
4,5. IAW 8260.3B, VOL 1, CHAP 3.
6. 8260.19, PARA 854, I, 4.
7. 8260.19, PARA 854, M, 3.
8. "Y" ROUTE INDICATOR MISSING FROM PREVIOUS AMDT.

09/07/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/11/2012.

1. CHANGED MSA ALTITUDE FROM 2700 TO 3000 FOR WTC TOWER 1, 1906 MSL, (36-020633). THIS OBSTACLE IS NOT IN THE ASIS DATABASE, BUT CHARTED.

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NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV VISIBILITY TO 1 1/4 MILE ALL CATS; INCREASE LNAV CATS A/B VISIBILITY TO 1 MILE, AND CAT C TO 1 3/4 MILE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 18 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEWARK, NJ	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEWR
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04B
LTP/FTP LATITUDE	404049.8865N
LTP/FTP LONGITUDE	0741020.5535W
LTP/FTP ELLIPSOIDAL HEIGHT	-00291
FPAP LATITUDE	404210.1400N
FPAP LONGITUDE	0740929.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	238CE30F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00033
FPAP ORTHOMETRIC HEIGHT	+00033

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 18 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEWARK, NJ	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        TEB   K6010840VDTW N40505540W074034410    N40505540W074034410W0110000100     NARTETERBORO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CANBO K60    W     N40430498W074085464                     W0130     NAR           CANBO
        SUSAEAENRT   DOOIN K60    C     N40361666W074131399                     W0129     NAR           DOOIN
        SUSAEAENRT   ISACE K60    W     N40305216W074163942                     W0129     NAR           ISACE
        SUSAEAENRT   KILMA K60    C   L N40290970W074240882                     W0128     NAR           KILMA
        SUSAEAENRT   MOSME K60    W     N40443308W074053094                     W0130     NAR           MOSME

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEWRK6AEWR     0     110YHN40413300W074100720W013000018         1800018000C    MNAR    NEWARK LIBERTY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEWRK6FR04RY AKILMA 010KILMAK6EA0E  A    IF                                          18000                A JS
        SUSAP KEWRK6FR04RY AKILMA 020ISACEK6EA0EE B 010TF                     08630060    + 02800                         A JS
        SUSAP KEWRK6FR04RY R      010ISACEK6EA0E  I    IF                                  + 02800     18000               A JS
        SUSAP KEWRK6FR04RY R      020DOOINK6EA1E  F 051TF                     03880060    + 01700                 RW04R K6PGA JS
        SUSAP KEWRK6FR04RY R      020DOOINK6EA2WALPV       N          ALNAV                                                JS
        SUSAP KEWRK6FR04RY R      030RW04RK6PG0GY M 031TF                     03880051      00066             -300          A JS
        SUSAP KEWRK6FR04RY R      040         0  M     CA                     0388        + 00357                         A JS
        SUSAP KEWRK6FR04RY R      050CANBOK6EA0E       DF                                                                 A JS
        SUSAP KEWRK6FR04RY R      060MOSMEK6EA0E    010TF                     0734                                          A JS
        SUSAP KEWRK6FR04RY R      070TEB  K6D 0VY   010TF                     0250        + 02500                         A JS
        SUSAP KEWRK6FR04RY R      080TEB  K6D 0VE  R   HM                     15700040    + 02500                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEWRK6GRW04R   0100000388 N40404989W074102055+0000    -0029100011119055150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEWRK6PR04RY RW04R001Y0000W04B0N4040498865W07410205535-002910300N4042101400W0740929520010675006400055 4F400500238CE30F
        SUSAP KEWRK6PR04RY RW04R002E      +00033+00033LPV       60924
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CITY AND STATE	ELEVATION: 18 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEWARK, NJ	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEWRK6SRW04RK6PG                0   18018003025                                                                        M
```

CITY AND STATE	ELEVATION: 18 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEWARK, NJ	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KILMA	KILMA	010	IAF	IF		FB					
	KILMA	ISACE	020		TF		FB	1.0	086.3(073.3T)	006.0	AA 02800	
		ISACE	010	FACF	IF		FB				AA 02800	
		DOOIN	020	FAF	TF		FB	0.5	038.8(025.8T)	006.0	AA 01700	
		RW04R	030	MAP	TF		FO	0.3	038.8(025.8T)	005.1	AT 00066	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		038.8(025.8T)		AA 00357	
	CANBO	050		DF		FB					
	MOSME	060		TF		FB	1.0	073.4(060.4T)			
	TEB	070		TF		FO	1.0	025.0(012.0T)		AA 02500	
	TEB	080		HM	R	FO		157.0(144.0T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TEB	N405055.40	W0740344.10	N4050.923	W07403.735
	CANBO	N404304.98	W0740854.64	N4043.083	W07408.911
	DOOIN	N403616.66	W0741313.99	N4036.278	W07413.233
	ISACE	N403052.16	W0741639.42	N4030.869	W07416.657
	KILMA	N402909.70	W0742408.82	N4029.162	W07424.147
	MOSME	N404433.08	W0740530.94	N4044.551	W07405.516
	RW04R	N404049.89	W0741020.55	N4040.832	W07410.343

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00011	55

CITY AND STATE	ELEVATION: 18 THRE: 11	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEWARK, NJ	AIRPORT NAME: NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AMDT: 1C
				DATED: 02/09/2012

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	KILMA	ISACE	1. AAO	403206.34N/0741924.78W	439 (2C)	1000	AT1361	2800
			2. TERRAIN	403206.34N/0741924.78W	239 (200)		AS1500	1700
INTERMEDIATE	ISACE	DOOIN	3. STACK (36-000251)	403528.49N/0741155.21W	515 (5D)	500		1100
			2. TERRAIN	403206.34N/0741924.78W	238 (200)		AS1500	1700
FINAL: LPV	DOOIN	RW04R	4. TOWER (34-020004)	404037.55N/0741022.50W	45 (5D)	34:1	AC50 XP46	357/346
FINAL: LNAV	DOOIN	RW04R	5. STACK (34-000148)	403803.00N/0741314.00W	319 (1C)	250	MA80	660
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / RW04R	TEB VOR/DME	6. CRANE (34-020020)	404038.11N/0740839.46W	410 (5A)	ASC		2500
			7. TOWER (34-001063)	404747.36N/0740526.51W	675 (5D)	1000		1700
ELEV:	125/410		8. TERRAIN	404557.00N/0740227.00W	253 (300)		AS1500	1800

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	702	9. CRANE (34-000400)	404042.17N/0740846.03W	410 (5A)	300		720
CATEGORY B	1.5 NM	450	702	9. CRANE (34-000400)	404042.17N/0740846.03W	410 (5A)	300		720
CATEGORY C	1.7 NM	450	702	CRANE (34-000400)	404042.17N/0740846.03W	410 (5A)	300		720
CATEGORY D	2.3 NM	550	882	10. BLDG (34-000085)	404412.00N/0741015.00W	598 (1A)	300		900
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW04R

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	BLDG (36-020633)	093 / 7.2	1906 (4D)	3000					

CITY AND STATE	ELEVATION: 18 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
NEWARK, NJ	NEWARK LIBERTY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1D	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
EWR TOWER NYC APP CON	N W S	OTHER: ASOS	SOURCE: KEWR
	F A A		DISTANCE:
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KEWR		ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 04R
		(S) SALS
	X	MALSR 22R, 04L, 22L
	X	HIRL 04R, 11, 22R, 29, 04L, 22L
		MIRL
	X	REIL 11, 22R, 29
	X	TDZ 04R, 11, 22R, 29, 04L, 22L
	X	C/L 04R, 11, 22R, 29, 04L, 22L
	X	OTHER (SPECIFY) PAPI-4R 04R PAPI-4L 22R, 29, 04L, 22L VASI-4L 11

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 04R, 11, 22R, 04L, 22L
	INSTRUMENT	NPI-G 29
7. RUNWAY VISUAL RANGE	APPROACH	04R, 11, 22R, 04L, 22L
	MIDFIELD	04R, 22R, 04L, 22L
	ROLL OUT	04R, 22R, 04L, 22L

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 10.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.4

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ERIC VALDEZ	DATE: 05/14/2012
TITLE: AIS	OFFICE: AJV-352

PART C - REMARKS:

THRESHOLD DISPLACED 1190.58 FEET.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 515 STACK
403528N/0741155W

ASOS ON SERVICE A.
VGSI: 3.0/72.

NO ADDITIONAL AIRSPACE REQUIRED.

NO BACKUP ALTIMETER, KEWR HAS REDUNDANT ALTIMETER SOURCES.
LPV:
SURFACE = 34:1
OBSTACLE (33-0251), IS LOCATED IN THE SECONDARY AREA, IT WAS MOVED IN 500 FEET WHICH PLACES IT IN THE PRIMARY AREA, THE FULL HEIGHT OF 519 WAS USED IN THE EVALUATION.

THE LNAV/VNAV LINE OF MINIMUMS WAS REMOVED FROM THIS SIAP, WHEN THE DA BECAME HIGHER THEN THE LNAV MDA, AND THE LNAV/VNAV VISIBILITY WHEN INCREASED, AS REQUIRED, WOULD HAVE CAUSED AN INCREASE TO THE CIRCLING VISIBILITY.

TAA NOT USED, ATC REQUEST.

TERPS, VOLUME 1. PARAGRAPH 251
PENETRATIONS:
34:1
45 TOWER (34-020004) 404037.55N/0741022.55W (5.21)

RWY 29
20:1
19 FENCE (34-020588) 404204.43N/0740921.49W (0.44)
32 POLE (34-023880) 404205.70N/0740918.20W (1.39)
34 POLE (34-023881) 404205.40N/0740918.00W (2.49)
31 POLE (34-023883) 404205.40N/0740918.40W (1.02)
31 POLE (34-023884) 404205.00N/0740918.60W (1.61)
30 POLE (34-023885) 404204.80N/0740918.50W (0.14)
30 POLE (34-023886) 404204.70N/0740918.80W (1.25)
31 POLE (34-023888) 404204.40N/0740918.70W (1.73)
30 POLE (34-023889) 404204.30N/0740919.00W (1.84)
29 POLE (34-023890) 404203.90N/0740919.30W (1.81)
29 POLE (34-023891) 404203.70N/0740919.20W (1.34)
30 POLE (34-023892) 404204.10N/0740918.90W (1.37)
28 POLE (34-023893) 404203.30N/0740919.40W (0.93)
29 POLE (34-023894) 404203.60N/0740919.50W (2.45)
27 POLE (34-023895) 404203.40N/0740919.60W (0.74)
27 POLE (34-023896) 404203.00N/0740919.60W (0.56)
27 POLE (34-023897) 404202.90N/0740919.90W (1.67)
25 POLE (34-023898) 404202.20N/0740920.10W (0.13)
25 POLE (34-023900) 404202.10N/0740920.40W (1.24)
28 POLE (34-023915) 404203.10N/0740919.80W (2.38)
28 POLE (34-023916) 404202.60N/0740919.80W (2.15)
27 POLE (34-023917) 404202.70N/0740920.10W (2.35)
26 POLE (34-023918) 404202.50N/0740920.20W (1.64)
26 POLE (34-023919) 404202.30N/0740920.30W (1.94)
32 RD(I) (KEWR0103) 404204.00N/0740918.51W (1.83)

XP: MAINTAIN CURRENT PUBLISHED MINIMUMS.