

| | | | | | | | | | | | | |
|---|--------|------------------------|---------|--|------|--|--------|---|---------|------------------|-------|---------|
| 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 | | | | | | | | MISSED APPROACH | | | | |
| FROM | | TO | | COURSE AND DISTANCE | | ALTITUDE | | LPV: DA LNAV/VNAV: DA LNAV: RW04L CLIMB TO 440 THEN CLIMBING RIGHT TURN TO 2500 DIRECT JEVAP AND ON TRACK 021.72 TO TEB VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 157.00 INBOUND. CHART FAS OBST: 334 CRANE 403832N/0741117W DISTANCE TO THLD FROM 289 HAT: 0.74 NM. CHART VDP AT 1.62 MILES TO RW04L* *LNAV ONLY. WAAS CHANNEL # 56224 REFERENCE PATH ID: W04A CHART CIRCLING ICON. CHART LINDEN AIRPORT. LTP HAE: -29.3 M | | | | |
| KILMA (IAF) | | TOCUB (FB) | | 093.72 / 5.19 | | 2800 | | | | | | |
| TOCUB (IF) | | SWICH (FB) | | 038.74 / 6.01 | | 2000 | | | | | | |
| SWICH (FAF) | | RW04L (MAP) (FO) | | 038.77 / 6.09 | | | | | | | | |
| RW04L (MAP) | | 440 MSL | | 038.77 | | 440 | | | | | | |
| 440 MSL | | JEVAP (FB) | | | | | | | | | | |
| JEVAP | | TEB VOR/DME (FO) | | 021.72 / 5.15 | | 2500 | | | | | | |
| 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 TOCUB <u> </u> 3. FAC: <u>038.77</u> FAF: <u>SWICH</u> DIST FAF TO MAP: <u>6.09</u> THLD: <u>6.09</u> 4. MIN. ALT: TOCUB 2800, SWICH 2000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>SWICH 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>52.2</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW04L 3000</u> | | | | | | | | 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 |
| LPV DA | 299 | 2400 | 289 | 299 | 2400 | 289 | 299 | 2400 | 289 | 299 | 2400 | 289 |
| LNAV/VNAV DA | 441 | 5000 | 431 | 441 | 5000 | 431 | 441 | 5000 | 431 | 441 | 5000 | 431 |
| LNAV MDA | 600 | 2400 | 590 | 600 | 2400 | 590 | 600 | 1 1/4 | 590 | 600 | 1 1/4 | 590 |
| | | | | | | | | | | | | |
| CIRCLING | 720 | 1 | 702 | 820 | 1 | 802 | 900 | 2 3/4 | 882 | 900 | 3 | 882 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 54C (130F). @ CAT B 900-2, CAT C 900-2 3/4, CAT D 900-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500. (SEE FORM 8260-10) | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 18 TDZE: 10 | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | | SUP: | | |
| NEWARK, NJ | | AIRPORT NAME: | | NEWARK LIBERTY INTL | | RNAV (GPS) RWY 4L, AMDT 2B | | | | AMDT: 2A | | |
| | | | | | | 29 MAY 2014 | | | | DATED 11/15/2012 | | |

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.

NOTES, (CONT.):

CHART NOTE: NIGHT LANDING: RWY 29 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KILMA ON 433 WESTBOUND.

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

TDZE: 10

AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4L, AMDT 2B

29 MAY 2014

SUP:

AMDT: 2A

DATED: 11/15/2012

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KEWR |
| RUNWAY | RW04L |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W04A |
| LTP/FTP LATITUDE | 404053.9645N |
| LTP/FTP LONGITUDE | 0741031.6635W |
| LTP/FTP ELLIPSOIDAL HEIGHT | -00293 |
| FPAP LATITUDE | 404214.2250N |
| FPAP LONGITUDE | 0740940.6570W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00052.2 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0168 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER

198D9B02

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00030 |
| FPAP ORTHOMETRIC HEIGHT | +00030 |

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

TDZE: 10

AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4L, AMDT 2B

29 MAY 2014

SUP:

AMDT: 2A

DATED: 11/15/2012

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.

[illegible][illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|-------------------|--------|--------------------|-----|-------|------------|----------|----------|---------|---|-------|-------------|------|---|
| SUSAP KEWRK6FR04L | AKILMA | 010KILMAK6EA0E | A | IF | | | | | | 18000 | | A JS | |
| SUSAP KEWRK6FR04L | AKILMA | 020TOCUBK6EA0EE | B | 010TF | | 09370052 | | + 02800 | | | | A JS | |
| SUSAP KEWRK6FR04L | R | 010TOCUBK6EA0E | I | IF | | | | + 02800 | | 18000 | | A JS | |
| SUSAP KEWRK6FR04L | R | 020SWICHK6EA1E | F | 051TF | | 03870060 | | + 02000 | | | RW04L K6PGA | JS | |
| SUSAP KEWRK6FR04L | R | 020SWICHK6EA2WALPV | | | ALNAV/VNAV | ALNAV | | | | | | JS | |
| SUSAP KEWRK6FR04L | R | 030RW04LK6PGGY | M | 031TF | | 03880061 | | 00062 | | -300 | | A JS | |
| SUSAP KEWRK6FR04L | R | 040 | 0 | M | CA | 0388 | | + 00440 | | | | A JS | |
| SUSAP KEWRK6FR04L | R | 050JEVAPK6EA0E | R | DF | | | | | | | | A JS | |
| SUSAP KEWRK6FR04L | R | 060TEB | K6D | OVY | 010TF | 0217 | | + 02500 | | | | A JS | |
| SUSAP KEWRK6FR04L | R | 070TEB | K6D | OVE | R | HM | 15700040 | + 02500 | | | | A JS | |

[illegible][illegible]

| | | | | | |
|----------------------------------|--------------------------------------|----------|----------------------|--|-------------------|
| CITY AND STATE NEWARK, NJ | ELEVATION: 18 | TDZE: 10 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
| | AIRPORT NAME: NEWARK LIBERTY INTL | | | RNAV (GPS) RWY 4L, AMDT 2B | AMDT: 2A |
| | | | RNAV | 29 MAY 2014 | DATED: 11/15/2012 |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR 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.

MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KEWRK6SRW04LK6PG 0 18018003025 M



| | | | | |
|------------------------------|--|-------------------------------------|---|-------------------|
| CITY AND STATE NEWARK, NJ | ELEVATION: 18 TDZE: 10 AIRPORT NAME: NEWARK LIBERTY INTL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 4L, AMDT 2B 29 MAY 2014 | SUP: |
| | | | | AMDT: 2A |
| | | | | DATED: 11/15/2012 |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR 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.

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 | TOCUB | 020 | | TF | | FB | 1.0 | 093.7 (080.7T) | 005.2 | AA 02800 | |
| | | TOCUB | 010 | FACF | IF | | FB | | | | AA 02800 | |
| | | SWICH | 020 | FAF | TF | | FB | 0.5 | 038.7 (025.7T) | 006.0 | AA 02000 | |
| | | RW04L | 030 | MAP | TF | | FO | 0.3 | 038.8 (025.8T) | 006.1 | AT 00062 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 038.8 (025.8T) | | AA 00440 | |
| | JEVAP | 050 | | DF | R | FB | | | | | |
| | TEB | 060 | | TF | | FO | 1.0 | 021.7 (008.7T) | | AA 02500 | |
| | TEB | 070 | | 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 | N405055.39 | W0740344.07 | N4050.923 | W07403.735 |
| | JEVAP | N404549.80 | W0740445.80 | N4045.830 | W07404.763 |
| | KILMA | N402909.70 | W0742408.82 | N4029.162 | W07424.147 |
| | SWICH | N403525.01 | W0741400.32 | N4035.417 | W07414.005 |
| | TOCUB | N402959.74 | W0741726.02 | N4029.996 | W07417.434 |
| | RW04L | N404053.96 | W0741031.66 | N4040.899 | W07410.528 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|-------|---------------------|-----|
| | RW04L | 00010 | 57 |

QUALITY
CHECKED

| | | | | | |
|-------------------------------------|---|-----------------|-------------------------------------|--|--------------------------|
| CITY AND STATE NEWARK, NJ | ELEVATION: 18 | TDZE: 10 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 4L, AMDT 2B 29 MAY 2014 | SUP: |
| | AIRPORT NAME: NEWARK LIBERTY INTL | | | | AMDT: 2A |
| | | | | | DATED: 11/15/2012 |