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|--|----------------------------------|---|----------|--|-------|--|--------|-------|------------------|--------|-------|---------|
| 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 420 THEN CLIMBING LEFT TURN TO 3000 DIRECT UJECE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. LNAV/VNAV DA## MISSED APPROACH REQUIRES MINIMUM CLIMB OF 443 FEET PER NM TO 900. ADDITIONAL FLIGHT DATA: HOLD N, RT, 175.76 INBOUND. CHART FAS OBST: 333 STACK 422022N/0710206W DISTANCE TO THLD FROM 304 HAT: 0.77 NM. CHART VDP AT 1.68 NM TO RW04L* *LNAV ONLY. WAAS CHANNEL # 77738 REFERENCE PATH ID: W04B CHART AT OR ABOVE 5000 AT WOONS. CHART MANDATORY 6000 AT NUNZO. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.00 DEGREES. LTP HAE: -23.4 M | | | | | | | | |
| WOONS | AAALL (TF) (FB) (RNP 2.00) | 072.96 / 19.24 | 4000 | | | | | | | | | |
| NUNZO | AAALL (TF) (FB) (RNP 2.00) | 042.31 / 6.03 | 4000 | | | | | | | | | |
| AAALL (IAF) | LVRON (TF) (FB) (RNP 1.00) | 036.72 / 5.07 | 3000 | | | | | | | | | |
| LVRON (IF) | MTAPN (TF) (FB) (RNP 1.00) | 036.67 / 5.31 | 1700 | | | | | | | | | |
| MTAPN (FAF) | RW04L (MAP) (TF) (FO) (RNP 0.30) | 036.70 / 4.97 | | | | | | | | | | |
| (SEE FORM 8260-10) | | | | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT AAALL 3. FAC: 036.70 FAF: MTAPN DIST FAF TO MAP: 4.97 THLD: 4.97 4. MIN. ALT: AAALL 4000, LVRON 3000, MTAPN 1700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: MTAPN 1700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.10 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW04L 2500 | | | | | | | | | | | | |
| | | | | MAG VAR: 15W EPOCH YEAR: 2020 | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | ALTERNATE: N A | | | | | | | | |
| CATEGORY =====> | | | | STANDARD | | | | | | | | |
| | 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 | 318 | 5000 | 304 | 318 | 5000 | 304 | 318 | 5000 | 304 | 318 | 5000 | 304 |
| LNAV/VNAV DA## | 658 | 2 1/2 | 644 | 658 | 2 1/2 | 644 | 658 | 2 1/2 | 644 | 658 | 2 1/2 | 644 |
| LNAV/VNAV DA | 766 | 2 1/2 | 752 | 766 | 2 1/2 | 752 | 766 | 2 1/2 | 752 | 766 | 2 1/2 | 752 |
| | | | | | | | | | | | | |
| LNAV MDA | 600 | 5500 | 586 | 600 | 5500 | 586 | 600 | 1 3/4 | 586 | 600 | 1 3/4 | 586 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (119F). CHART NOTE: DME/DME RNP-0.3 NA. CHART SPEED ICON IN PLANVIEW AT NUNZO : MAX 210 KIAS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOONS ON V3-16 SOUTHWEST BOUND. (CONTINUED ON PAGE 2) | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 19 TDZE: 14 | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | SUP: | | | |
| BOSTON, MA | | AIRPORT NAME: GENERAL EDWARD LAWRENCE LOGAN INTL | | | | RNAV (GPS) RWY 4L, ORIG-A 12 OCTOBER 2017 | | | AMDT: ORIG | | | |
| | | | | | | | | | DATED 04/27/2017 | | | |

QUALITY
 25
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|-------------|----------------------------|---------------------|----------|
| RW04L (MAP) | 420 MSL (CA) | 036.70 | |
| 420 MSL | UJEGE (DF) (FO) (RNP 1.00) | | 3000 |

NOTES, (CONT.):

CHART NOTE: RWY 4L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART NOTE: WHEN CONTROL TOWER REPORTS TALL VESSELS IN APPROACH AREA: INCREASE LPV DA TO 369 AND ALL CATS VISIBILITY TO RVR 6000.

CHART NOTE: LPV AND LNAV/VNAV NA WHEN VESSELS TALLER THAN 137 FEET PRESENT.

QUALITY
25
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CITY AND STATE
BOSTON, MA

ELEVATION: 19 **TDZE: 14**
AIRPORT NAME:
GENERAL EDWARD LAWRENCE LOGAN INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4L, ORIG-A
12 OCTOBER 2017

SUP:
AMDT: **ORIG**
DATED: **04/27/2017**

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KBOS |
| RUNWAY | RW04L |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W04B |
| LTP/FTP LATITUDE | 422128.7575N |
| LTP/FTP LONGITUDE | 0710051.6185W |
| LTP/FTP ELLIPSOIDAL HEIGHT | -00234 |
| FPAP LATITUDE | 422251.5530N |
| FPAP LONGITUDE | 0710007.1090W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00050.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.10 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| <u>CRC REMAINDER</u> | 931DDFD2 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00042 |
| FPAP ORTHOMETRIC HEIGHT | +00042 |

QUALITY
25
CHECKED

| | | | | | |
|----------------------------------|--|----------|-------------------------------------|--|-------------------|
| CITY AND STATE BOSTON, MA | ELEVATION: 19 AIRPORT NAME: GENERAL EDWARD LAWRENCE LOGAN INTL | TDZE: 14 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4L, ORIG-A 12 OCTOBER 2017 | SUP: |
| | | | | | AMDT: ORIG |
| | | | | | DATED: 04/27/2017 |