

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																	MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA ## LNAV/VNAV: DA LNAV: RW04L												
WOONS				AAALL (TF) (FB) (RNP 2.00)				073.96 / 19.24				4000		CLIMB TO 420 THEN CLIMBING LEFT TURN TO 3000 DIRECT UJEGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. LNAV/VNAV DA## MISSED APPROACH REQUIRES MINIMUM CLIMB OF 443 FEET PER NM TO 900.												
NUNZO				AAALL (TF) (FB) (RNP 2.00)				043.31 / 6.03				4000														
AAALL (IAF)				LVRON (TF) (FB) (RNP 1.00)				037.72 / 5.07				3000														
LVRON (IF)				MTAPN (TF) (FB) (RNP 1.00)				037.67 / 5.31				1700														
MTAPN (FAF)				RW04L (MAP) (TF) (FO) (RNP 0.30)				037.70 / 4.97						ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.76 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												
(SEE FORM 8260-10)																										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																										
2. PROFILE STARTS AT AAALL																										
3. FAC: 037.70 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: 16W EPOCH YEAR: 1995																										
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	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 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, 04/27/2017					SUP: AMDT: NONE DATED											

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)	037.70	420
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.

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, 04/27/2017

SUP:
AMDT: NONE
DATED:

QUALITY
10
CHECKED

**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

CITY AND STATE
BOSTON, MA

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AIRPORT NAME:
GENERAL EDWARD LAWRENCE LOGAN INTL

FACILITY
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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4L, ORIG, 04/27/2017

SUP: **QUALITY
10
CHECKED**
AMDT: **NONE**
DATED: