

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							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: RW22L CLIMB TO 3000 DIRECT WINNI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 037.70 INBOUND. CHART FAS OBST: 234 BLDG 422413N/0705926W CHART 639 BLDG 422120N/0710308W. CHART 700 BLDG 422108N/0710323W. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.42 NM TO RW22L* *LNAV ONLY. WAAS CHANNEL # 45925 REFERENCE PATH ID: W22A CHART PLANVIEW NOTE: RADAR REQUIRED. LTP HAE: -22.9 M												
NOLEY (IF)				WYANE (TF) (FB) (RNP 1.00)				214.81 / 3.51				3000														
WYANE				VOCUS (TF) (FB) (RNP 1.00)				214.79 / 4.86				1700														
VOCUS (FAF)				ZUMOL/2.00 NM TO RW22L (TF) (FB) (RNP 0.30)				214.76 / 3.12																		
ZUMOL/2.00 NM TO RW22L				RW22L (MAP) (TF) (FO) (RNP 0.30)				214.76 / 2.00																		
RW22L (MAP)				216 MSL (CA)				214.76				3000														
216 MSL				WINNI (DF) (FO) (RNP 1.00)																						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT NOLEY 3. FAC: 214.76 FAF: VOCUS DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: NOLEY 4000, WYANE 3000, VOCUS 1700, ZUMOL/2.00 NM TO RW22L 700* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: VOCUS 1700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.4 34:1 IS CLEAR 8. MSA FROM: RW22L 2500																	MAG VAR: 15W					EPOCH YEAR: 2020				
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	216	4000	200	216	4000	200	216	4000	200	216	4000	200														
LNAV/VNAV DA	408	5000	392	408	5000	392	408	5000	392	408	5000	392														
LNAV MDA	540	4000	524	540	4000	524	540	1 1/4	524	540	1 1/4	524														
CIRCLING	960	1 1/4	941	1060	1 1/2	1041	640	1 3/4	621	640	2	621														
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: CIRCLING NA TO RWY 14. CHART NOTE: CIRCLING NA FOR CATS C AND D W OF RWYS 4L AND 15R. (CONTINUED ON PAGE 2)																										
CITY AND STATE				ELEVATION: 19 TDZE: 16				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:										
BOSTON, MA				AIRPORT NAME: GENERAL EDWARD LAWRENCE LOGAN INTL				RNAV				RNAV (GPS) RWY 22L, AMDT 1C 12 OCTOBER 2017				AMDT: 1B										
														DATED 04/30/2015												



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

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NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT D VISIBILITY TO RVR 6000 AND LNAV CAT D VISIBILITY TO 1 1/2 SM.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 43C (109F).

QUALITY
25
CHECKED

CITY AND STATE
BOSTON, MA

ELEVATION: 19 **TDZE: 16**
AIRPORT NAME:
GENERAL EDWARD LAWRENCE LOGAN INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22L, AMDT 1C
12 OCTOBER 2017

SUP:
AMDT: **1B**
DATED: **04/30/2015**

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBOS
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	422225.6945N
LTP/FTP LONGITUDE	0710002.8455W
LTP/FTP ELLIPSOIDAL HEIGHT	-00229
FPAP LATITUDE	422101.7900N
FPAP LONGITUDE	0710043.4300W
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)	35.0

CRC REMAINDER

1E15AC75

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00048
FPAP ORTHOMETRIC HEIGHT	+00048

QUALITY
25
CHECKED

CITY AND STATE BOSTON, MA	ELEVATION: 19 AIRPORT NAME: GENERAL EDWARD LAWRENCE LOGAN INTL	TDZE: 16	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22L, AMDT 1C 12 OCTOBER 2017	SUP:
					AMDT: 1B
					DATED: 04/30/2015