

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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.											
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>															
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: PAARK  CLIMB TO 3000 DIRECT WINDZ AND ON TRACK 285.13 TO TELLE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 285.13 INBOUND. CHART FAS OBST: 434 WIND TURBINE 421903N/0705808W CHART VDP AT 1.92 MILES TO PAARK. BGDIG TO RW32: 2.91/45. CHART CIRCLING ICON FAC CROSSES RWY C/L EXTENDED 2800 FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 10.05 DEGREES.											
SCUPP	BOATZ (FB)	224.51 / 30.80	4000												
FREDO	DUNKK (FB)	358.59 / 11.07	4000												
INNDY	QUINC (FB)	063.03 / 21.16	4000												
WOONS	QUINC (FB)	099.52 / 33.96	4000												
BOATZ	DUNKK (FB)	241.95 / 6.00	4000												
QUINC	DUNKK (FB)	061.83 / 6.00	4000												
DUNKK (SEE FORM 8260-10)	HAVRD (FB)	331.89 / 7.26	4000*												
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 DUNKK 3. FAC: <u>331.71</u> FAF: BGDIG DIST FAF TO MAP: <u>4.20</u> THLD: <u>4.65</u> 4. MIN. ALT: DUNKK 4000, HAVRD 4000*, YAARD 3000, BGDIG 1500 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>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>      </u> TCH: 34:1 IS CLEAR 8. MSA FROM: PAARK 2500				MAG VAR: 16W EPOCH YEAR: 1995											
<b>MINIMUMS</b>															
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
LNAV MDA	820	1	800	820	1 1/4	800	820	2 1/2	800	820	2 1/2	800			
CIRCLING	940	1 1/4	920	1000	1 1/2	980	820	2 1/2	800	820	2 1/2	800			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SCUPP ON V167 NORTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUNKK ON V141 SOUTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INNDY ON V139-268 SOUTHWEST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 20 THRE: 20		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BOSTON, MA		AIRPORT NAME:		GENERAL EDWARD LAWRENCE LOGAN INTL		RNAV (GPS) RWY 32, ORIG-C				AMDT: ORIG-B					
						27 JUNE 2013				DATED 09/23/2010					

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
HAVRD (IAF)	YAARD (FB)	331.83 / 4.50	3000
YAARD (IF)	BGDIG (FB)	331.78 / 6.00	1500
BGDIG	PAARK (MAP) (FO)	331.71 / 4.20	
PAARK (MAP)	420 MSL	331.71	
420 MSL	WINDZ (FB)		
WINDZ	TELLE (FO)	285.13 / 18.59	3000

**NOTES, (CONT.):**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOONS ON V3-16 SOUTHWEST BOUND.

CHART NOTE: CIRCLING TO RWY 14 NA.

CHART NOTE: CIRCLING NA FOR CATS C AND D WEST OF RWYS 4L AND 15R.

\*3000 WHEN AUTHORIZED BY ATC

CITY AND STATE

BOSTON, MA

ELEVATION: 20

THRE: 20

AIRPORT NAME:

GENERAL EDWARD LAWRENCE LOGAN INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, ORIG-C

27 JUNE 2013

SUP:

AMDT: ORIG-B

DATED: 09/23/2010

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBOSK6FR32	AFREDO	010FREDOK6EA0E	IF							18000		B JS	
SUSAP KBOSK6FR32	AFREDO	020DUNKKK6EA0E	020TF			35860111	+	04000				B JS	
SUSAP KBOSK6FR32	AFREDO	030HAVRDK6EA0E	A 020TF			33190073	+	04000				B JS	
SUSAP KBOSK6FR32	AFREDO	040YAARDK6EA0EE	B 010TF			33180045	+	03000				B JS	
SUSAP KBOSK6FR32	AHAVRD	010HAVRDK6EA0E	A IF							18000		B JS	
SUSAP KBOSK6FR32	AHAVRD	020YAARDK6EA0EE	B 010TF			33180045	+	03000				B JS	
SUSAP KBOSK6FR32	AINNDY	010INNNDYK6EA0E	IF							18000		B JS	
SUSAP KBOSK6FR32	AINNDY	020QUINCK6EA0E	020TF			06300212	+	04000				B JS	
SUSAP KBOSK6FR32	AINNDY	030DUNKKK6EA0E	020TF			06180060	+	04000				B JS	
SUSAP KBOSK6FR32	AINNDY	040HAVRDK6EA0E	A 020TF			33190073	+	04000				B JS	
SUSAP KBOSK6FR32	AINNDY	050YAARDK6EA0EE	B 010TF			33180045	+	03000				B JS	
SUSAP KBOSK6FR32	ASCUPP	010SCUPPK6EA0E	IF							18000		B JS	
SUSAP KBOSK6FR32	ASCUPP	020BOATZK6EA0E	020TF			22450308	+	04000				B JS	
SUSAP KBOSK6FR32	ASCUPP	030DUNKKK6EA0E	020TF			24200060	+	04000				B JS	
SUSAP KBOSK6FR32	ASCUPP	040HAVRDK6EA0E	A 020TF			33190073	+	04000				B JS	
SUSAP KBOSK6FR32	ASCUPP	050YAARDK6EA0EE	B 010TF			33180045	+	03000				B JS	
SUSAP KBOSK6FR32	AWOONS	010WOONSK6EA0E	IF							18000		B JS	
SUSAP KBOSK6FR32	AWOONS	020QUINCK6EA0E	020TF			09950340	+	04000				B JS	
SUSAP KBOSK6FR32	AWOONS	030DUNKKK6EA0E	020TF			06180060	+	04000				B JS	

SUP:	
AMDT:	ORIG-B
DATED:	09/23/2010

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SUSAP	KBOSK6FR32	AWOONS	040HAVRDK6EA0E	A	020TF	33190073	+	04000			B	JS
SUSAP	KBOSK6FR32	AWOONS	050YAARDK6EA0EE	B	010TF	33180045	+	03000			B	JS
SUSAP	KBOSK6FR32	R	010YAARDK6EA0E	I	IF		+	03000	18000		B	JS
SUSAP	KBOSK6FR32	R	020BGDIGK6EA1E	F	051TF	33180060	+	01500			PAARK K6EAB	JS
SUSAP	KBOSK6FR32	R	020BGDIGK6EA2WN									JS
SUSAP	KBOSK6FR32	R	030PAARKK6EA0EY	M	031TF	33170042		00220		-291	B	JS
SUSAP	KBOSK6FR32	R	040	0	M CA	3317	+	00420			B	JS
SUSAP	KBOSK6FR32	R	050WINDZK6EA0E		DF						B	JS
SUSAP	KBOSK6FR32	R	060TELLEK6EA0EY		010TF	2851	+	03000			B	JS
SUSAP	KBOSK6FR32	R	070TELLEK6EA0EE	R	HM	28510050	+	03000			B	JS

[illegible][illegible]

CITY AND STATE <b>BOSTON, MA</b>	ELEVATION: 20	THRE: 20	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. /AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, ORIG-C</b>  27 JUNE 2013	SUP:	
	AIRPORT NAME: <b>GENERAL EDWARD LAWRENCE LOGAN</b>				AMDT:	<b>ORIG-B</b>
	<b>INTL</b>				DATED:	<b>09/23/2010</b>

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FREDO	FREDO	010		IF		FB					
	FREDO	DUNKK	020		TF		FB	2.0	358.6 (342.6T)	011.1	AA 04000	
	FREDO	HAVRD	030	IAF	TF		FB	2.0	331.9 (315.9T)	007.3	AA 04000	
	FREDO	YAARD	040		TF		FB	1.0	331.8 (315.8T)	004.5	AA 03000	
	HAVRD	HAVRD	010	IAF	IF		FB					
	HAVRD	YAARD	020		TF		FB	1.0	331.8 (315.8T)	004.5	AA 03000	
	INNDY	INNDY	010		IF		FB					
	INNDY	QUINC	020		TF		FB	2.0	063.0 (047.0T)	021.2	AA 04000	
	INNDY	DUNKK	030		TF		FB	2.0	061.8 (045.8T)	006.0	AA 04000	
	INNDY	HAVRD	040	IAF	TF		FB	2.0	331.9 (315.9T)	007.3	AA 04000	
	INNDY	YAARD	050		TF		FB	1.0	331.8 (315.8T)	004.5	AA 03000	
	SCUPP	SCUPP	010		IF		FB					
	SCUPP	BOATZ	020		TF		FB	2.0	224.5 (208.5T)	030.8	AA 04000	
	SCUPP	DUNKK	030		TF		FB	2.0	242.0 (226.0T)	006.0	AA 04000	
	SCUPP	HAVRD	040	IAF	TF		FB	2.0	331.9 (315.9T)	007.3	AA 04000	
	SCUPP	YAARD	050		TF		FB	1.0	331.8 (315.8T)	004.5	AA 03000	
	WOONS	WOONS	010		IF		FB					
	WOONS	QUINC	020		TF		FB	2.0	099.5 (083.5T)	034.0	AA 04000	
	WOONS	DUNKK	030		TF		FB	2.0	061.8 (045.8T)	006.0	AA 04000	
	WOONS	HAVRD	040	IAF	TF		FB	2.0	331.9 (315.9T)	007.3	AA 04000	
	WOONS	YAARD	050		TF		FB	1.0	331.8 (315.8T)	004.5	AA 03000	
		YAARD	010	FACF	IF		FB				AA 03000	
		BGDIG	020	FAF	TF		FB	0.5	331.8 (315.8T)	006.0	AA 01500	
		PAARK	030	MAP	TF		FO	0.3	331.7 (315.7T)	004.2	AT 00220	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		331.7 (315.7T)		AA 00420	
	WINDZ	050		DF		FB					
	TELLE	060		TF		FO	1.0	285.1 (269.1T)		AA 03000	
	TELLE	070		HM	R	FO		285.1 (269.1T)	005.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BGDIG	N421738.44	W0705602.11	N4217.641	W07056.035
	BOATZ	N420904.68	W0703335.33	N4209.078	W07033.589
	DUNKK	N420454.15	W0703922.83	N4204.903	W07039.381
	FREDO	N415420.42	W0703456.04	N4154.340	W07034.934
	HAVRD	N421006.85	W0704610.57	N4210.114	W07046.176
	INNDY	N414619.19	W0710555.93	N4146.320	W07105.932
	PAARK	N422038.84	W0705959.39	N4220.647	W07059.990
	QUINC	N420043.33	W0704509.57	N4200.722	W07045.160

CITY AND STATE <b>BOSTON, MA</b>	ELEVATION: <b>20</b>	THRE: <b>20</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>GENERAL EDWARD LAWRENCE LOGAN</b>		RNAV	<b>RNAV (GPS) RWY 32, ORIG-C</b> 27 JUNE 2013	AMDT: <b>ORIG-B</b>
	INTL				DATED: <b>09/23/2010</b>

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**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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SCUPP	N423611.01	W0701349.35	N4236.184	W07013.823
TELLE	N422223.54	W0712748.33	N4222.392	W07127.806
WINDZ	N422243.32	W0710243.44	N4222.722	W07102.724
WOONS	N415702.07	W0713025.34	N4157.035	W07130.422
YAARD	N421320.50	W0705023.80	N4213.342	W07050.397
RW32	N422054.96	W0710029.69	N4220.916	W07100.495

**RUNWAY DATA**

RWY	THRESHOLD ELEVATION	TCH
RW32	00020	45

CITY AND STATE  
**BOSTON, MA**

ELEVATION: 20      THRE: 20  
 AIRPORT NAME:  
**GENERAL EDWARD LAWRENCE LOGAN**  
**INTL**

FACILITY  
 IDENTIFIER:  
**RNAV**

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 32, ORIG-C**  
 27 JUNE 2013

SUP:  
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 DATED: **09/23/2010**