

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> BOS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15R	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> BOSTON	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 17	<u>SUPERSEDED</u> RNAV (GPS) RWY 15R	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 03/26/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 JUNE 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 15W
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GDM VOR/DME	IAF	ZOMIB		TF	FB	1.00	105.70	36.52	4000
AADMS	IAF	ZOMIB		TF	FB	1.00	143.79	4.78	4000
ZOMIB	IF	WIDUP		TF	FB	1.00	150.01	4.61	3000
WIDUP		EMMEL		TF	FB	1.00	150.07	4.06	1700
EMMEL	FAF	RW15R	MAP	TF	FO	0.30	150.10	5.13	
RW15R	MAP	217 MSL		CA			150.10		
217 MSL		HUBIR		DF	FB	1.00			
HUBIR		CELTS		TF	FO	1.00	152.41	9.90	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HUBIR AND ON TRACK 152.41 TO CELTS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT ZOMIB
- FAC: 150.10 FAF: EMMEL DIST FAF TO MAP: 5.13 DIST FAF TO THLD: 5.13
- MIN ALT: ZOMIB 4000, WIDUP 3000, EMMEL 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.44 GS ANT: MM: IM:
- MIN GP INCPT: 1700 GP ALT AT PFAF: EMMEL 1700 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 60.0
- MSA FROM: RW15R 2500

QUALITY
8
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 042 CW 191.

ADDITIONAL FLIGHT DATA:

CHART 639 BLDG 422120N/0710308W.
CHART 700 BLDG 422108N/0710323W.
CHART AT OR ABOVE 5000 AT AADMS
HOLD SE, RT, 332.95 INBOUND.
CHART FAS OBST: 515 STACK (25-000165) 422327N/0710401W.
CHART VDP AT 1.67 NM TO RW15R.
WAAS CHANNEL # 42925
REFERENCE PATH ID: W15A
LTP HAE: -22.5 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	217	1800	200	217	1800	200	217	1800	200	217	1800	200			
LNAV/VNAV DA	567	1 1/8	550	567	1 1/8	550	567	1 1/8	550	567	1 1/8	550			
LNAV MDA	620	2400	603	620	2400	603	620	1 3/8	603	620	1 3/8	603			

CHANGES - REASONS

- REMOVED CIRCLING MINIMUMS - PER FPT, ATC WOULD LIKE TO REMOVE THE CIRCLING LINE OF MINIMUM DUE TO THIS LOCATION NEVER USING CIRCLING.
- PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I 8-6-8B.
- REMOVED "RADAR" DESCRIPTOR FROM AADMS IAF - RADAR NOT REQUIRED.
- REMOVED "NOPT" FROM AADMS TO ZOMID TERMINAL ROUTE - NO PROCEDURE TURN ON THIS APPROACH.
- REMOVED CHART NOTE: "CIRCLING NA TO RWY 14" - CIRCLING MINS REMOVED AT THIS AIRPORT, PER ATC.
- REMOVED CHART NOTE: "CIRCLING NA FOR CATS C AND D W OF RWYS 4L AND 15R" - CIRCLING MINS REMOVED AT THIS AIRPORT, PER ATC.
- ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - CIRCLING MINS REMOVED AT THIS AIRPORT, PER ATC.
- ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" AND THE ASTERISK FROM "VDP AT 1.67 NM TO RW15R" - NO LONGER REQUIRED BY CRITERIA.
- ALTERNATE MINIMUMS CHANGED FROM "STANDARD - CAT A 1000-2, CAT B 1100-2" TO "STANDARD" - REMOVED CIRCLING MINS; 8260.3E, 3-4-1.
- ADDITIONAL FLIGHT DATA: ADDED CHART FAS OBST: 515 STACK (25-000165) 422327N/0710401W - 8260.19I, 8-6-11.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: BOS APP CON, BOS ATCT, ZBW, BOS AMGR, ATA

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

DAVID DANNER

Apr 25, 2024

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by

Timothy Johnson

Apr 18, 2024

OFFICE

AJV-A421

DATE

11/20/2023

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Apr 25, 2024

OFFICE

AJV-A421

DATE

05/16/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KBOS
RW15R
0
0
W15A
422221.1990N
0710056.1285W
-00225
422116.7425N
0705929.7095W
00060.0
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

E44F13C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00052
+00052

