

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> KBVY	<u>PROCEDURE NAME</u> LOC RWY 16	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> BEVERLY	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 107	<u>TDZE</u> 107	<u>SUPERSEDED</u> LOC RWY 16	<u>ORIGINAL/AMENDMENT</u> 7E	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-BVY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SADTO/I-BVY 18.00 DME	IAF	LADTI/I-BVY 12.61 DME					156.63	5.39 (I-BVY)	2000
LADTI/I-BVY 12.61 DME	IF	TAITS INT/I-BVY 5.28 DME					156.63	7.34 (I-BVY)	1800

MISSED APPROACH

MAP:

LOC: 4.44 NM AFTER TAITS INT/I-BVY 5.28 DME OR AT I-BVY 0.83 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 ON BOS VOR/DME R-030 TO WITCH/BOS 20.14 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT LADTI					
3. FAC: 156.63	FAF: TAITS INT/I-BVY 5.28 DME	DIST FAF TO MAP: 4.44	DIST FAF TO THLD: 4.44		
4. MIN ALT:	LADTI/I-BVY 12.61 DME 2000, TAITS INT/I-BVY 5.28 DME 1800				
8. MSA FROM:	BOS VOR/DME 2500				

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: CIRCLING RWY 9 NA AT NIGHT.
CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO ALS RWY 16.



ADDITIONAL FLIGHT DATA:
CHART BOS R-017 AT TAITs.
TAITS TO RW16: 3.50/41
CHART IN PLAINVIEW: WITCH INT/20.14 DME.
HOLD NE, RT, 209.99 INBOUND.
FAS OBST: 358 AAO 423945N/0705901W.
CHART VDP AT 2.10 DME
DISTANCE VDP TO THLD 1.26 NM.
CHART CIRCLING ICON.

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

ALTERNATE: NA ☐ LOC: STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

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
S-LOC 16	620	1	513	620	1	513	620	1 3/8	513	620	1 3/8	513			
CIRCLING	620	1	513	620	1	513	820	2	713	880	2 1/2	773			



CHANGES - REASONS

1. DELETED FEEDER: MHT TO SADTO - ATC DIRECTED DUE TO VOR-MON DECOMMISSIONING OF MHT VOR.
2. UNDER TERMINAL ROUTES CHANGED INITIAL SEGMENT FROM "FROM SADTO INT/I-BVY 18.00 DME TO LADTI INT/I-BVY 12.61 DME" TO "FROM SADTO/I-BVY 18.00 DME TO LADTI/I-BVY 12.61 DME" - FIXES SADTO AND LADTI WILL NO LONGER BE DEFINED AS INTERSECTIONS DUE TO REMOVAL OF CROSS RADIALS RELATED TO VOR DECOMMISSIONING/CHECKLIST.
3. UNDER TERMINAL ROUTES CHANGED INTERMEDIATE SEGMENT FROM "FROM LADTI INT/I-BVY 12.61 DME TO TAITs INT/I-BVY 5.95 DME" TO "FROM LADTI/I-BVY 12.61 DME TO TAITs INT/I-BVY 5.28 DME" - LADTI NO LONGER DEFINED AS INTERSECTION DUE TO REMOVAL OF CROSS RADIALS RELATED TO VOR MON DECOMMISSIONING/CHECKLIST AND REDESIGN OF FINAL LEG TO INCREASE VDA/TCH TO MATCH VGSI PER CRITERIA OF VDA/TCH CANNOT BE LESS THAN THE VGSI DATA.
4. UNDER TERMINAL ROUTES CHANGED INTERMEDIATE SEGMENT DISTANCE FROM 6.67 NM TO 7.34 NM - FAF MOVED APPROXIMATELY 4073 FT ALONG RUNWAY CENTERLINE TOWARD RUNWAY THRESHOLD.
5. CHANGED MAP DESCRIPTION FROM "5.11 NM AFTER TAITs INT/I-BVY 5.95 DME OR AT I-BVY 0.83 DME" TO "4.44 NM AFTER TAITs INT/I-BVY 5.28 DME OR AT I-BVY 0.83 DME - FAF MOVED.
6. PRIMARY MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMBING LEFT TURN TO 2000 ON PSM VOR/DME R-201 TO WITCH INT/PSM 24.16 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000" TO "CLIMBING LEFT TURN TO 2000 ON BOS VOR/DME R-030 TO WITCH/BOS 20.14 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000" - PRIMARY INSTRUCTIONS CHANGED PER ATC/CHECKLIST.
7. ALTERNATE MISSED APPROACH INSTRUCTIONS "CLIMBING LEFT TURN TO 2000 ON BOS VOR/DME R-030 TO WITCH INT/BOS 20.14 DME AND HOLD, CLIMB-IN-HOLD TO 2000" DELETED - ATC DIRECTED.
8. PROFILE SECTION, LINE 3: FAF DESCRIPTION CHANGED FROM "TAITs INT/I-BVY 5.95 DME" TO "TAITs INT/I-BVY 5.28 DME" - FAF RELOCATED.
9. PROFILE SECTION, LINE 3: FAF TO MAP AND FAF TO THLD UPDATED FROM 5.11 TO 4.44 - FAF RELOCATED.
10. PROFILE SECTION, LINE 4: UPDATED FROM "LADTI INT/I-BVY 12.61 DME 2000, TAITs INT/I-BVY 5.95 DME 1800" TO "LADTI/I-BVY 12.61 DME 2000, TAITs INT/I-BVY 5.28 DME 1800" - FIXES NO LONGER DEFINED AS INTERSECTIONS AND FAF MOVED.
11. PROFILE SECTION, LINE 8: CHANGED FROM "LWM VOR/DME 090-180 1900, 180-090 2800" TO "BOS VOR/DME 2500" - MSA MOVED TO BOS VOR/DME DUE TO LWM VOR DECOMMISSIONING AND PER 8260.3.
12. ADDITIONAL FLIGHT DATA: DELETED 368 AAO 423832N/0705948W AS A 7:1 OBSTACLE - FAF RELOCATED AND NEW MAP STUDY.
13. ADDITIONAL FLIGHT DATA: DELETED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE WITCH INT/BOS 20.14 DME, RT, 209.99 INBOUND" - ALTERNATE NO LONGER REQUIRED AS PER ATC.
14. ADDITIONAL FLIGHT DATA: DELETED "HOLD N, RT, 201.00 INBOUND" AND REPLACED WITH "HOLD NE, RT, 209.99 INBOUND" - ATC DIRECTED PREVIOUS ALTERNATE MISSED APPROACH TO BECOME PRIMARY MISSED APPROACH AND ALTERNATE MISSED APPROACH NO LONGER REQUIRED.
15. ADDITIONAL FLIGHT DATA: DELETED "CHART MHT R-126 AT SADTO" AND "CHART PSM R-223 AT LADTI" - FIXES NO LONGER DEFINED AS INTERSECTIONS PER ATC/CHECKLIST.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "TAITs TO RW16: 3.04/40" TO "TAITs TO RW16: 3.50/41" - FULL AMENDMENT BUILT TO MATCH VGSI AND IAW 8260.3D 2-6-2 A & B.
17. ADDED RADAR REQUIRED FOR PROCEDURE ENTRY TO EQUIPMENT REQUIREMENTS - INITIAL NOT PART OF AN ENROUTE STRUCTURE AND RADAR REQUIRED TO NAVIGATE TO SADTO PER ATC.
18. ADDED DME REQUIRED TO EQUIPMENT REQUIREMENTS - DME NEEDED TO DEFINE MISSED APPROACH HOLDING FIX.
19. UNDER TERMINAL ROUTES CHANGED FINAL FROM TAITs INT/I-BVY 5.95 DME TO TAITs INT/I-BVY 5.28 DME, FINAL DISTANCE FROM 6.67 NM TO 4.44 NM AND VDA/TCH FROM 3.04/40 TO 3.50/41 - FAF MOVED APPROXIMATELY 4073 FT ALONG RUNWAY CENTERLINE TOWARD RUNWAY THRESHOLD.
20. ADDED VDP AT 2.10 DME AND DISTANCE VDP TO THLD 1.26 NM - NO 20:1 STRAIGHT-IN PENETRATIONS EXIST.
21. REMOVED BACKUP ALTIMETER AND ASSOCIATED VDP NOTES - MOVED TO -9 AS A CONTINGENCY AND PER FPT.
22. UPDATED CHART NOTE "INOPERATIVE TABLE DOES NOT APPLY" TO "INOPERATIVE TABLE DOES NOT APPLY TO ALS RWY 16." - IAW THE 8260.19H, 8-6-11 O (3) (A).
23. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 316 TREE 423703N/0705710W. 368 AAO 423832N/0705948W" AND ADDED "FAS OBST: 358 AAO 423945N/0705901W" - NEW MAP STUDY COMPLETED.
24. DELETED CHART PROFILE NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19H PARA 8-6-9 (M).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☒ **NBAA** ☒ **OTHER:** ZBW, BOS APCH, BVY ATCT, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by **OFFICE**

JON DENTON

DATE

02/25/2021

DEVELOPED BY

WARDELL HENNING (JAY BAGGETT)

Digitally signed by

JON DENTON

Mar 01, 2021

OFFICE

AJV-A432

DATE

05/15/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

JON DENTON

Mar 01, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

