

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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</u> LAURENCE G HANSCOM FLD	<u>AIRPORT ID</u> KBED	<u>PROCEDURE NAME</u> ILS OR LOC RWY 11	<u>ORIGINAL/AMENDMENT</u> 27	<u>CITY</u> BEDFORD	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 132	<u>TDZE</u> 132	<u>SUPERSEDED</u> ILS OR LOC RWY 11	<u>ORIGINAL/AMENDMENT</u> 26B	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 16W
<u>FACILITY</u> I-BED	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BRONC/GDM 15.00 DME		LOBBY/GDM 20.06 DME					110.99	5.06 (GDM R-111)	2300
LOBBY/GDM 20.06 DME	IAF	ZELKA/I-BED 12.76 DME/RADAR	NOPT				130.00 & 113.13	0.88 & 1.69 (I-BED)	1900
ZELKA/I-BED 12.76 DME/RADAR	IF/IAF	JOPVU/I-BED 6.52 DME/RADAR					113.13	6.24 (I-BED)	1800

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.08 NM AFTER JOPVU/I-BED 6.52 DME/RADAR OR AT I-BED 1.44 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 060 AND BOS VOR/DME R-329 TO SWIGG/GDM 36.13 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD NW ZELKA, LT, 113.13 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 4600.
- FAC:** 113.13 **FAF:** JOPVU/I-BED 6.52 DME/RADAR **DIST FAF TO MAP:** 5.08 **DIST FAF TO THLD:** 5.08
- MIN ALT:** ZELKA/I-BED 12.76 DME/RADAR 1900, JOPVU/I-BED 6.52 DME/RADAR 1800, SUVVO/I-BED 3.64 DME/RADAR 880*
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1039
- MIN GS INCPT:** 1800 **GS ALT AT FAF :** JOPVU/I-BED 6.52 DME/RADAR 1800 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 50.3
- MSA FROM:** BOS VOR/DME 215-305 2500, 305-215 2000



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART BOS VOR/DME 15.44 DME AT SWIGG

CHART CIRCLING ICON.

CHART R-4102 A/B

CHART VDP AT 2.88 DME*

DISTANCE VDP TO THLD 1.44 NM

* LOC ONLY

CHART FAS OBST: 402 TREE 422852N/0712048W.

HOLD W, LT, 104.96 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 11	383	2400	251	383	2400	251	383	2400	251	383	2400	251			
S-LOC 11	660	2400	528	660	2400	528	660	5500	528	660	5500	528			
CIRCLING	720	1	588	720	1	588	880	2 1/4	748	920	2 1/2	788			

