## 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.

AIRPORT LAURENCE G HANSCOM FLD		D KBED		PROCEDURE NAME ILS OR LOC RWY 29				ORIGINAL/AMENDMENT 9B			<u>CITY</u> BEDFORD	
AIRPORT ELEVATION 132		<u>TDZE</u> 128		SUPERSEDED ILS OR LOC RWY 29		ORIGINAL/AMENDMENT 9A			DATED 11/07/2019			
FACILITY I-ULJ	COORD	INATES OF I	FACILITIES	ACTUAL EFFECTIVE DATE 5 DECEMBER 2019			REQUIRED EFFECTIVE DATE ROUTINE			CANCEL/SI	CANCEL/SUSPEND	
ERMINAL ROUTES												
FROM		FIX TYPE		<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	COURS	<u>SE</u>	DISTANCE	ALTITUDE
MORIS/I-ULJ 10.84 DME	/RADAR	IF	JAYSE/I-U	LJ 4.81 DME/RADAR					293.14	4	6.02 (I-ULJ)	1800
OC: 5.09 NM AFTER JAN IISSED APPROACH INS	TRUCTIONS	<u>s:</u>			SOSYO/GDN	1 28.00 DME/F	RADAR AN					
OC: 5.09 NM AFTER JAY MISSED APPROACH INS CLIMB TO 1000 THEN CL ALTERNATE MISSED AP PROFILE:	Tructions Imbing Rig Proach in:	<u>S:</u> HT TURN TO STRUCTION	D 2000 ON GE			1 28.00 DME/F ES OF (IAF)	RADAR AN	ND HOLD				
OC: 5.09 NM AFTER JAY	TRUCTIONS IMBING RIG PROACH IN JRSE	<u>S:</u> HT TURN TO STRUCTION	D 2000 ON GE <u>S:</u>	DM VOR/DME R-111 TO			RADAR AN	ND HOLD.				
2. PROFILE STARTS AT	TRUCTIONS IMBING RIG PROACH IN: JRSE MORIS VF: JAYSE/I-	<u>S:</u> IHT TURN TO STRUCTION C ULJ 4.81 DM	D 2000 ON GE <u>S:</u> DUTBOUND IE/RADAR	DM VOR/DME R-111 TO FT WITHIN DIST FAF TO MA	MILI 4 <b>P:</b> 5.09	ES OF (IAF) D	IST FAF T	O THLD:	5.09			
OC: 5.09 NM AFTER JAY MISSED APPROACH INS CLIMB TO 1000 THEN CL ALTERNATE MISSED AP PROFILE: I. PT SIDE OF COI 2. PROFILE STARTS AT 3. FAC: 293.14 FA 4. MIN ALT: MORIS/I-U	TRUCTIONS IMBING RIG PROACH IN JRSE MORIS VF: JAYSE/I- ILJ 10.84 DM	<u>S:</u> IHT TURN TO STRUCTION C ULJ 4.81 DM	D 2000 ON GE <u>S:</u> DUTBOUND IE/RADAR	DM VOR/DME R-111 TO FT WITHIN DIST FAF TO MA	MILI AP: 5.09 800, ROGGR	ES OF (IAF) D	<b>IST FAF T</b> ME/RADA	O THLD:	5.09			
OC: 5.09 NM AFTER JAY MISSED APPROACH INS CLIMB TO 1000 THEN CL ALTERNATE MISSED AP PROFILE: PROFILE: PROFILE STARTS AT B. FAC: 293.14 FA MIN ALT: MORIS/I-U D. DIST TO THLD FROM	TRUCTIONS IMBING RIG PROACH IN JRSE MORIS VF: JAYSE/I- ILJ 10.84 DM	E HT TURN TO STRUCTION ULJ 4.81 DM IE/RADAR 18 MM:	D 2000 ON GE S: DUTBOUND IE/RADAR 800, JAYSE/I-I	DM VOR/DME R-111 TO FT WITHIN DIST FAF TO MA ULJ 4.81 DME/RADAR 1	MILI AP: 5.09 800, ROGGR T:	ES OF (IAF) D R/I-ULJ 2.32 DI	<b>IST FAF T</b> ME/RADA	O THLD:	5.09 <b>MM:</b>		IM:	
OC: 5.09 NM AFTER JAY MISSED APPROACH INS CLIMB TO 1000 THEN CL ALTERNATE MISSED AP PROFILE: PROFILE STARTS AT PROFILE STARTS AT PROFILE STARTS AT A MIN ALT: MORIS/I-U DIST TO THLD FROM MIN GS INCPT: 1800 MIN GS INCPT: 1800 MIN GS INCPT: 3.00	TRUCTIONS IMBING RIG PROACH IN JRSE MORIS NF: JAYSE/I- ILJ 10.84 DM OM: 3	E: HT TURN TO STRUCTION ULJ 4.81 DM IE/RADAR 18 MM: GS ALT A 4:1:	D 2000 ON GE S: DUTBOUND IE/RADAR 800, JAYSE/I- NT FAF : JAYS	OM VOR/DME R-111 TO FT WITHIN DIST FAF TO MA ULJ 4.81 DME/RADAR 1 IM: 150 HA	MILI AP: 5.09 800, ROGGR T:	ES OF (IAF) D R/I-ULJ 2.32 DI GS ANT: 96 OM:	<b>IST FAF T</b> ME/RADA	O THLD:			IM:	
OC: 5.09 NM AFTER JAY IISSED APPROACH INS SLIMB TO 1000 THEN CL ILTERNATE MISSED AP PROFILE: PT SIDE OF COU PROFILE STARTS AT FAC: 293.14 FA MIN ALT: MORIS/I-U DIST TO THLD FROM MIN GS INCPT: 1800 GP ANGLE: 3.00 MIN GS FROM: BOS VC	TRUCTIONS IMBING RIG PROACH IN: JRSE MORIS VF: JAYSE/I- ILJ 10.84 DM OM: 3 R/DME 215-	2: HT TURN TO STRUCTION ULJ 4.81 DM 1E/RADAR 1: MM: GS ALT A 4:1: 305 2500, 30	D 2000 ON GE S: DUTBOUND IE/RADAR 800, JAYSE/I- NT FAF : JAYS	M VOR/DME R-111 TO FT WITHIN DIST FAF TO MA ULJ 4.81 DME/RADAR 1 IM: 150 HA SE/I-ULJ 4.81 DME/RAD	MILI AP: 5.09 800, ROGGR T: AR 1800	ES OF (IAF) D R/I-ULJ 2.32 DI GS ANT: 96 OM:	<b>IST FAF T</b> ME/RADA	O THLD:			IM:	
OC: 5.09 NM AFTER JAY IISSED APPROACH INS CLIMB TO 1000 THEN CL ALTERNATE MISSED AP PROFILE: PT SIDE OF COU PROFILE STARTS AT FAC: 293.14 FA MIN ALT: MORIS/I-U DIST TO THLD FROM MIN GS INCPT: 1800 C GP ANGLE: 3.00 MISA FROM: BOS VC COUIPMENT REQUIREM	TRUCTIONS IMBING RIG PROACH IN: JRSE MORIS NF: JAYSE/I- ILJ 10.84 DM OM: 3 R/DME 215- ENTS NOTE	E: HT TURN TO STRUCTION (ULJ 4.81 DM IE/RADAR 18 MM: GS ALT A 4:1: 305 2500, 30 S:	D 2000 ON GE S: DUTBOUND IE/RADAR 800, JAYSE/I- NT FAF : JAYS	M VOR/DME R-111 TO FT WITHIN DIST FAF TO MA ULJ 4.81 DME/RADAR 1 IM: 150 HA SE/I-ULJ 4.81 DME/RAD	MILI AP: 5.09 800, ROGGR T: AR 1800	ES OF (IAF) D R/I-ULJ 2.32 DI GS ANT: 96 OM:	<b>IST FAF T</b> ME/RADA	O THLD:			IM:	
OC: 5.09 NM AFTER JAY IISSED APPROACH INS ILIMB TO 1000 THEN CL ITERNATE MISSED AP PROFILE: PT SIDE OF COU PROFILE STARTS AT FAC: 293.14 FA MIN ALT: MORIS/I-U DIST TO THLD FROM MIN GS INCPT: 1800 GP ANGLE: 3.00 MISA FROM: BOS VC	TRUCTIONS IMBING RIG PROACH IN: JRSE MORIS VF: JAYSE/I- ILJ 10.84 DW OM: 3 PR/DME 215- ENTS NOTE PROCEDUR	E: HT TURN TO STRUCTION (ULJ 4.81 DM IE/RADAR 18 MM: GS ALT A 4:1: 305 2500, 30 S:	D 2000 ON GE S: DUTBOUND IE/RADAR 800, JAYSE/I- NT FAF : JAYS	M VOR/DME R-111 TO FT WITHIN DIST FAF TO MA ULJ 4.81 DME/RADAR 1 IM: 150 HA SE/I-ULJ 4.81 DME/RAD	MILI AP: 5.09 800, ROGGR T: AR 1800	ES OF (IAF) D R/I-ULJ 2.32 DI GS ANT: 96 OM:	<b>IST FAF T</b> ME/RADA	O THLD:			IM:	OUALIN

AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	<u>CITY</u>	<u>STATE</u>
LAURENCE G HANSCOM FLD	KBED	ILS OR LOC RWY 29	9B	BEDFORD	MA

### ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: I-ULJ DME ANTENNA. CHART CIRCLING ICON. CHART R-4102 A/B CHART VDP AT 1.11 DME\* DISTANCE VDP TO THLD 1.39 NM \* LOC ONLY CHART FAS OBST: 356 TREE 422803N/0711409W. HOLD E, RT, 291.00 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.

CATEGORY:	A		В		С			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-ILS 29	328	1/2	200	328	1/2	200	328	1/2	200	328	1/2	200			
S-LOC 29	620	1/2	492	620	1/2	492	620	1	492	620	1	492			
CIRCLING	720	1	588	720	1	588	880	2 1/4	748	920	2 1/2	788			

#### **CHANGES - REASONS**

1. ADDED CIRCLING MINIMUMS TO PROCEDURE - BOSTON TRACON UTILIZES PROCEDURES AT KBFD TO DE-CONFLICT KBOS TRAFFIC WITH THE STRAIGHT-IN PROCEDURES AT KBED. 2. ADDED CIRCLING ICON - ADDED CIRCLING MINIMUMS TO PROCEDURE.

### COORDINATED WITH:

A4A X ALPA X AOPA X APA HAI NBAA X OTHER: ZBW, BOS APP CON, BED ATCT, BED AMGR

FLIGHT CHECKED BY	OFFICE Digitally signed by DATE
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED	WARDELL HENNING
Digitally signed by	Oct 28, 2019 OFFICE DATE
MIKE MELSSEN MIKE MELSSEN	AJV-A432 10/22/2019
Oct 22, 2019	
APPROVED BY Digitally signed by	OFFICE DATE TITLE
GEORGE DAVIS WARDELL HENNING	AJV-A430 MANAGE
Oct 28, 2019	

NAL /7 18 CHECKE