US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MORIS INT/I-ULJ 10.84 DME (IF)	JAYSE INT/I-ULJ 4.81 DME	293.14 / 6.02 (I-ULJ)	1800

MISSED APPROACH

ILS: DA
LOC: 5.09 MILES AFTER JAYSE INT/I-ULJ 4.81 DME OR AT I-ULJ 0.28 DME FIX

CLIMB TO 2000 DIRECT BEDDS LOM AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 ON GDM VOR/DME R-111 TO SOSYO INT/GDM 28.00 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MORIS
3. FAC: 293.14 FAF: JAYSE INT/I-ULJ 4.81 DME DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: MORIS 1800, JAYSE 1800, ROGGR INT/I-ULJ 2.32 DME 920*+
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 961
6. MIN GS INCPT: 1800 GS ALT AT: JAYSE 1800 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.7
8. MSA FROM: SKR NDB 360-180 2200, 180-360 3100

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 113.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E SOSYO INT/GDM 28.00 DME, RT, 291.00 INBOUND.
CHART FAS OBST: 356 TREE 422803N/0711409W
CHART IN PROFILE VIEW: I-ULJ DME ANTENNA.
CHART R-4102 A/B.
CHART VDP AT 1.12 DME*; DISTANCE VDP TO THLD 1.40 MILES.
*LOC ONLY.
CHART IN PLANVIEW: SOSYO INT/GDM 28.00 DME.
CHART SKR NDB IN HALF-TONE.

MAG VAR: 16W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: 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
S-ILS 29	323	1/2	200	323	1/2	200	323	1/2	200	323	1/2	200			
S-LOC 29	920	1/2	797	920	3/4	797	920	1 3/4	797	920	1 3/4	797			
CIRCLING	920	1	788	920	1 1/4	788	920	2 1/2	788	920	2 1/2	788			
ROGGR FIX MINIMUMS															
S-LOC 29	620	1/2	497	620	1/2	497	620	1	497	620	1	497			
CIRCLING	720	1	588	720	1	588	720	1 1/2	588	780	2	648			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: VDP NA WITH BOSTON ALTIMETER SETTING.
CHART PROFILE NOTE: +980 WHEN USING BOSTON ALTIMETER SETTING.
(SEE FORM 8260-10)

CAT A, B 800-2, CAT C, D 800-2 1/2
@ CAT C, D 800-2 1/2
# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN TOWER CLOSED.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 132 THRE: 123 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BEDFORD, MA	LAURENCE G HANSCOM FLD	I-ULJ	ILS OR LOC RWY 29, AMDT 7	AMDT: 6
				DATED 06/08/2006

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZBW, BOS APP CON, BED ATCT, BED AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
DAVID SAUER	**AJV-352**	**01/05/2012**

APPROVED BY		
NAME:	FIFO	DATE:
DARRYEL ADAMS MANAGER	**AJV-352**	

CHANGES:

1. CHANGED S-ILS 29 DA 328/HAT 200 TO DA 323/HATH 200.
2. CHANGED S-LOC 29 HAT 792 TO HATH 797.
3. CHANGED CIRCLING HAA 787 TO 788.
4. CHANGED SDF FIX NAME LICPI TO ROGGR.
5. RAISED SDF S-LOC 29 MDA 600/HAT 472 TO MDA 620/HATH 497.
6. RAISED SDF CIRCLING CATS A-B MDA 680 AND CAT C MDA 700 TO 720 WITH HAA 588; CHANGED CAT D HAA FROM 647 TO 648.
7. CHANGED S-LOC 29 FAF TO MAP DISTANCE FROM 4.6 TO 5.09 NM.
8. CHANGED TCH FROM 54 TO 54.7 FEET.
9. CHANGED S-LOC 29 CAT D VIS FROM 2 TO 1 3/4.
10. CHANGED SDF S-LOC 29 CAT C FROM 3/4 TO 1.
11. CHANGED NOTE "VDP NA WHEN USING..." TO "VDP NA WITH".
12. CHANGED NOTE "IF...ALL DAS TO 377 FEET AND ALL MDAS 60 FEET" TO "WHEN "ALL DA 49 FEET AND ALL MDA 60 FEET; INCREASE S-LOC 29 CATS C AND D VISIBILITY 1/4 MILE, CIRCLING CATS A AND D VISIBILITY 1/4 MILE; INCREASE ROGGR FIX MINIMUMS S-LOC 29 CATS C AND D VISIBILITY 1/8 MILE".
13. CHARTED R-4102 A/B.
SEE 8260-10

REASONS:

1. NEW AIRPORT SURVEY AND IAW 8260.3B VO1, CHAP 3.
2. NEW AIRPORT SURVEY AND IAW 8260.3B VO1, CHAP 3.
3. NEW AIRPORT SURVEY.
4. TO MATCH RNAV (GPS) Z RWY 29, ATC APPROVED.
5. NEW CONTROLLING OBS AND IAW 8260.3B VO1, CHAP 3.
6. NEW CONTROLLING OBS AND AIRPORT SURVEY.
7. MM DECOMMISSIONED, NO MISSED APPROACH PENETRATIONS AT STANDARD THLD LOCATION.
8. MATCH GLIDESLOPE RDH.
9. IAW 8260.3B VOL 1, CHAP 3.
10. IAW 8260.3B VOL 1, CHAP 3.
11. IAW 8260.19D PARA 855E(9).
12. IAW 8260.19D PARA 855E.
13. MISSED APPROACH HOLDING PATTERN IS NEAR R-4102, ALTERNATE HOLDING OVERLAPS R-4102.
14. NEW CONTROLLING OBS.
SEE 8260-10

QUALITY 4 CHECKED

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOSTON ALTIMETER SETTING AND INCREASE ALL DA 49 FEET AND ALL MDA 60 FEET; INCREASE S-LOC 29 CATS C AND D VISIBILITY 1/4 MILE, CIRCLING CATS A AND D VISIBILITY 1/4 MILE; INCREASE ROGGR FIX MINIMUMS S-LOC 29 CATS C AND D VISIBILITY 1/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 2 1/2 MILES.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 132 THRE: 123	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BEDFORD, MA	AIRPORT NAME: LAURENCE G HANSCOM FLD	I-ULJ	ILS OR LOC RWY 29, AMDT 7	AMDT: 6
				DATED: 06/08/2006

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
14. RAISED MSA EASTERN SECTOR FROM 2000 TO 2200. 15. ADDED CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 2 1/2 MILES.

REASONS:

REASONS CONT.
15. NON-STANDARD ADJUSTMENT FROM INOP TABLE.

PDF EDITS:
1. 8260-3, LINE 1: DELETED "NA".
2. 8260-9, BACK PAGE, BLOCK 3: CHANGED ADJUSTMENT "0/0" TO "0/49".
3. 8269-3, LINE 4: ADDED "+" NEXT TO ROGGR 920* (NOTE: + REPRESENTS DAGGER SYMBOL).
4. 8260-3, MISSED APPROACH: CHANGED "JAYSE INT/ULJ 4.81" TO "JAYSE INT/I-ULJ 4.81".
5. 8260-9, FRONT PAGE NEXT TO FINAL: LOC STEPDOWN: CHANGED "JAYSE INT/ULJ 4.81" TO "JAYSE INT/I-ULJ 4.81".

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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.

ARINC PACKET - 424-18 - ILS

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD KBEDK6 IULJ  K6011115 IT                     IULJN42280550W071160617     001490     NARLAURENCE G HANSCOM FLD
        SUSADB       BE    K6003320HOLW N42284702W071231999                    W0160              NARBEDDS
        SUSADB       SKR   K6002510H MW N42272063W071104273                    W0160              NARSHAKER HILL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JAYSE K60    C     N42273176W071093869                    W0150     NAR           JAYSE
        SUSAEAENRT   MORIS K60    C     N42264605W071013439                    W0150     NAR           MORIS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6ABED     0     070YHN42281180W071172040W016000132         1800018000C    MNAR    LAURENCE G HANSCOM FLD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6FI29   I      010MORISK6EA0E  I    IF IULJK6      11310124        PI  J 018000180018000                0 NS
        SUSAP KBEDK6FI29   I      020JAYSEK6EA0E  F    CF IULJK6      11310064293000 60PI  H 0180001800        -300SKR   K6DB0 NS
        SUSAP KBEDK6FI29   I      030RW29 K6PG0GY M    CF IULJK6      11310013293000 51PI    00178             -300          0 NS
        SUSAP KBEDK6FI29   I      040BE   K6DB0NYM     DF                                  + 02000                        0 NS
        SUSAP KBEDK6FI29   I      050BE   K6DB0NE  L   HM                      1130T010    + 02000                        0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6GRW29    0070112931 N42280997W071162842+0100    +000980012300005515 0IIULJ1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6IIULJ1   011115RW29 N42281980W071181456293 1N42281433W071164061100 7 09610500300W01605500120

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6SSKR  K6DB              0   1803600222536018003125                                                          M
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CITY AND STATE	ELEVATION: 132 THRE: 123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEDFORD, MA	AIRPORT NAME: **LAURENCE G HANSCOM FLD**	**I-ULJ**	**ILS OR LOC RWY 29, AMDT 7**	AMDT: **6**
				DATED: **06/08/2006**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		MORIS	010	FACF	IF		FB				AA 01800 GI 01800	
		JAYSE	020	FAF	CF		FB		293.0()	006.0	GI 01800 GS 01800	
		RW29	030	MAP	CF		FO		293.0()	005.1	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BE	040		DF		FO				AA 02000	
	BE	050		HM	L	FO		113.0()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IULJ (DME)	N422805.50	W0711606.17	N4228.092	W07116.103
	BE	N422847.02	W0712319.99	N4228.784	W07123.333
	SKR	N422720.63	W0711042.73	N4227.344	W07110.712
	JAYSE	N422731.76	W0710938.69	N4227.529	W07109.645
	MORIS	N422646.05	W0710134.39	N4226.768	W07101.573
	RW29	N422809.97	W0711628.42	N4228.166	W07116.474
	IULJ (LOC)	N422819.80	W0711814.56	N4228.330	W07118.243

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00123	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 132 THRE: 123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEDFORD, MA	AIRPORT NAME: **LAURENCE G HANSCOM FLD**	**I-ULJ**	**ILS OR LOC RWY 29, AMDT 7**	AMDT: **6**
				DATED: **06/08/2006**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

ARINC PACKET - 424-18 - LOC

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD KBEDK6 IULJ  K6011115 IT                    IULJN42280550W071160617     001490     NARLAURENCE G HANSCOM FLD
        SUSADB       BE    K6003320HOLW N42284702W071231999                    W0160           NARBEDDS
        SUSADB       SKR   K6002510H MW N42272063W071104273                    W0160           NARSHAKER HILL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JAYSE K60    C     N42273176W071093869                    W0150     NAR           JAYSE
        SUSAEAENRT   MORIS K60    C     N42264605W071013439                    W0150     NAR           MORIS
        SUSAEAENRT   ROGGR K60    C     N42275052W071125929                    W0150     NAR           ROGGR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6ABED     0     070YHN42281180W071172040W016000132         1800018000C    MNAR    LAURENCE G HANSCOM FLD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6FL29   L      010MORISK6EA0E  I    IF IULJK6      11310124        PI  + 01800     18000                 0 NS
        SUSAP KBEDK6FL29   L      020JAYSEK6EA0E  F    CF IULJK6      11310064293000 60PI  + 01800                SKR   K6DB0 NS
        SUSAP KBEDK6FL29   L      021ROGGRK6EA0E S     CF IULJK6      11310039293000 25PI  + 00920            -301          0 NS
        SUSAP KBEDK6FL29   L      030RW29 K6PG0GY M    CF IULJK6      11310013293000 26PI    00178            -301          0 NS
        SUSAP KBEDK6FL29   L      040BE   K6DB0NYM     DF                                 + 02000                          0 NS
        SUSAP KBEDK6FL29   L      050BE   K6DB0NE  L   HM                      1130T010    + 02000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6GRW29    0070112931 N42280997W071162842+0100    +000980012300005515 0IIULJ1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6IIULJ1   011115RW29 N42281980W071181456293 1N42281433W0711640611007 09610500300W01605500120

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBEDK6SSKR  K6DB              0   1803600222536018003125                                                          M
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QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 132 THRE: 123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEDFORD, MA	AIRPORT NAME: **LAURENCE G HANSCOM FLD**	**I-ULJ**	**ILS OR LOC RWY 29, AMDT 7**	AMDT: **6**
				DATED: **06/08/2006**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		MORIS	010	FACF	IF		FB				AA 01800	
		JAYSE	020	FAF	CF		FB		293.0()	006.0	AA 01800	
		ROGGR	021	SDF	CF		FB		293.0()	002.5	AA 00920	
		RW29	030	MAP	CF		FO		293.0()	002.6	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BE	040		DF		FO				AA 02000	
	BE	050		HM	L	FO		113.0()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IULJ (DME)	N422805.50	W0711606.17	N4228.092	W07116.103
	BE	N422847.02	W0712319.99	N4228.784	W07123.333
	SKR	N422720.63	W0711042.73	N4227.344	W07110.712
	JAYSE	N422731.76	W0710938.69	N4227.529	W07109.645
	MORIS	N422646.05	W0710134.39	N4226.768	W07101.573
	ROGGR	N422750.52	W0711259.29	N4227.842	W07112.988
	RW29	N422809.97	W0711628.42	N4228.166	W07116.474
	IULJ (LOC)	N422819.80	W0711814.56	N4228.330	W07118.243

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00123	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 132 THRE: 123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEDFORD, MA	AIRPORT NAME: **LAURENCE G HANSCOM FLD**	**I-ULJ**	**ILS OR LOC RWY 29, AMDT 7**	AMDT: **6**
				DATED: **06/08/2006**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	MORIS INT/I-ULJ	JAYSE INT/I-ULJ	1. TOWER (25-000028)	422552.00N/0710517.00W	527 (1D)	500		1100
	10.84 DME	4.81 DME	2. TERRAIN	422654.00N/0710515.00W	325 (300)		AS1500	1800
FINAL: ILS	JAYSE INT/I-ULJ	RW29				ASC		323/200
	4.81 DME							
FINAL: LOC	JAYSE INT/I-ULJ	ROGGR INT/I-ULJ	3. TOWER (25-000072)	422719.64N/0711045.93W	669 (1A)	250		920
	4.81 DME	2.32 DME						
FINAL: LOC STEPDOWN	ROGGR INT/I-ULJ	5.09 MILES AFTER	4. TREE (KBEDT1574)	422803.06N/0711409.02W	356 (1A)	250		620
	2.32 DME	JAYSE INT/I-ULJ						
		4.81 DME OR AT						
		I-ULJ 0.28 DME						
		FIX						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / 5.09 MILES	BEDDS LOM				ASC		2000
	AFTER JAYSE		5. AAO	423024.00N/0712142.00W	525 (4E)	1000		1600
ELEV:	155/370		6. TERRAIN	423024.00N/0712142.00W	325 (300)		AS1500	1800

4. CIRCLING AREA	DISTANCE	REQUIRED	ACTUAL							
CATEGORY A	1.3 NM	350	788 / 588	7. TWR (KBEDT2153)	422724.08N/0711559.43W	414 (1B)	300	SI	920 / 720
CATEGORY B	1.5 NM	450	788 / 588	7. TWR (KBEDT2153)	422724.08N/0711559.43W	414 (1B)	300	SI	920 / 720
CATEGORY C	1.7 NM	450	788 / 588	8. TREE (KBEDT0802)	422613.88N/0711827.31W	416 (1A)	300	SI	920 / 720
CATEGORY D	2.3 NM	550	788 / 648	9. TANK (25-000535)	422644.29N/0711439.89W	463 (1A)	300	SI	920 / 780
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: SKR NDB

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-180	TWR (25-000115)	207/ 08.8	1184 (4D)	2200					
180-360	TWR (25-000157)	269/ 24.9	2049 (5D)	3100					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
BEDFORD, MA	ELEVATION: 132 AIRPORT NAME: LAURENCE G HANSCOM FLD	I-ULJ	ILS OR LOC RWY 29, AMDT 7	ANE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
BOS APP CON BED TOWER ZBW ARTCC	[ ] NWS OTHER: ASOS [ ] FAA [ ] A/C	SOURCE: KBED / KBOS DISTANCE: 0 / 14.10 HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION: KBED	ADJUSTMENT: 0 / 49

4. MONITOR STATUS	PRIMARY NAVAID: I-ULJ		
	MONITOR POINT: BED ATCT		
	HRS OPTN:	CAT 1	1200-0400Z
		CAT 3	0400-1200Z

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 11 (PCL), 29 (PCL)
	X	HIRL 11 (PCL), 29 (PCL)
	X	MIRL 05 (PCL), 23 (PCL)
	X	REIL 05, 23
		TDZ
		C/LINE
	X	OTHER (SPECIFY) VASI-4R 23 PAPI-4L 11, 29 VASI-4L 05

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 11, 29
	INSTRUMENT	NPI-G 05, 23
7. RUNWAY VISUAL RANGE	APPROACH	11
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 123.0
	DISTANCE FROM RWY: 961	ELEV GP ANTENNA: 127.3
		THRESHOLD CROSSING HEIGHT: 54.7

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DAVID SAUER	DATE: 01/05/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KBED AND KBOS ASOS ON SERVICE A
VGSI DATA: 3.00/52

SEE ATTACHED AIRSPACE LETTER.

RASS PRESSURE PATTERNS SAME
KBED 132.0 KBOS 20.0
RA=48.2

NO VISUAL PENETRATIONS.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 2000
10. AAO 422842.00N/0712342.00W 607 (4E) 1000 1700
11. TERRAIN 422842.00N/0712342.00W 407 (400) AS1500
1900

RADIO FIX AND HOLDING DATA RECORD

NAME: BEDDS LOM **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422847.50N/0712319.20W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BEDDS	BE	LOM								17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	BE	LOM	293.00	113.00	L	1		2000	6000	4	5
2	E	BE	LOM	095.05	275.05	R	1		1900	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	423018.00N/0713330.00W	850	4E
2	200	AAO	423057.00N/0712839.00W	676	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 OBSTACLE AVOIDANCE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 29		1	KBED	BEDFORD	MA (US)
IAP	NDB RWY 29		1	KBED	BEDFORD	MA (US)
IAP	VOR RWY 23		1	KBED	BEDFORD	MA (US)
IAP	ILS OR LOC Y RWY 05			KLWM	LAWRENCE	MA (US)
IAP	ILS OR LOC Z RWY 05			KLWM	LAWRENCE	MA (US)
IAP	NDB RWY 05			KLWM	LAWRENCE	MA (US)
IAP	VOR RWY 23			KLWM	LAWRENCE	MA (US)
IAP	NDB-A		2	K6B6	STOW	MA (US)
IAP	VOR RWY 35			KMHT	MANCHESTER	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
HOLDING PAT 1 MIN ALT RAISED FROM 1900 TO 2000.
HOLDING PAT 2 BRG/CRS INBOUND CHANGED FROM 095.00/275.00 TO 095.05/275.05; MIN ALTITUDE RAISED FROM 1800 TO 1900.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/14/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ (ROSE BOONE)

APPROVED BY: **DATE:** 03/30/2010 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON/BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JAYSE **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422731.76N/0710938.69W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BEDFORD	I-ULJ	LOC/DME		113.14	097.14	4.81	6.41	38971	1800	4600
2	LAWRENCE	LWM	VOR/DME	L	204.83	189.83		17.14		1800	4600

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
I-ULJ DME COORDINATES: 422805.50N/0711606.17W.
8260.54A FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 29	1, 2		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 29			KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 29			KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. MOVED FIX 438.94 FT EAST.
2. DELETED FAC 3, KBED R29.
3. ADDED FAC 1 AND 2 DIST FROM FAC IN NM.
4. ADDED FAC 1 DIST FROM FAC IN FT.
5. CHANGED ULJ DME COORDINATES FROM 422804.76N/0711606.58W TO 422805.50N/0711606.17W.
6. CHANGED REMARK "RNP PFAF FORMULA USED..." TO "8260.54A FORMULA 2-16B USED..."
7. CHANGED FAC 2 TRUE BRG FROM 190.07 TO 189.83.
8. CHANGED FAC 1 DME FROM 4.74 TO 4.81.

DEVELOPED BY: **DATE:** 01/06/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LICPI **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422750.53N/0711259.45W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BEDFORD	I-ULJ	LOC/DME		113.14	097.14	2.32			820	4600
2	LAWRENCE	LWM	VOR/DME	L	213.06	198.06				820	4600

REMARKS:
I-ULJ DME COORDINATES: 422804.76N / 0711606.58W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAURENCE G HANSCOM FLD - ILS OR LOC RWY 29 (FAC 1)			KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/08/2006

DEVELOPED BY: **DATE:** 10/26/2005 **OFFICE:** AVN-110 **NAME:** GENE DOSER (BRIAN SHAFFER)

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** JOHN PANNELL

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: BOS
ARTCC: ZBW
ATC FACILITY: BOS APP CON/BED ATCT
OTHER:

CANCELLED

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MORIS **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422646.05N/0710134.39W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BEDFORD	I-ULJ	LOC/DME		113.14	097.14	10.84	12.44		1800	4600
2	LAWRENCE	LWM	VOR/DME	L	185.20	170.20		17.91		1800	4600

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
BEDFORD (FAC 1) AND LAWRENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES
I-ULJ DME COORDINATES: 422805.50N/0711606.17W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 29	1, 2		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 29			KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 29			KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. DELETED FAC 3, KBED R29.
2. ADDED FAC 1 AND 2 DIST FROM FAC IN NM.
3. CHANGED ULJ DME COORDINATES FROM 422804.76N/0711606.58W TO 422805.50N/0711606.17W
4. ADDED REMARK, BEDFORD (FAC 1) AND LAWRENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

DEVELOPED BY: **DATE:** 01/06/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

QUALITY A CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROGGR **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422750.52N/0711259.29W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	BEDFORD	I-ULJ	LOC/DME		113.14	097.14	2.32	3.92		820	4600
2	LAWRENCE	LWM	VOR/DME	L	213.05	198.05		17.43		820	4600

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
COORDINATES ESTABLISHED 2.6NM FROM KBED R29 THLD.
I-ULJ DME COORDINATES: 422805.50N/0711606.17W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 29	1, 2		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 29			KBED	BEDFORD	MA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. MOVED FIX 619.42 FT EAST.
2. DELETED FAC 1, KBED R29
3. ADDED FAC 1, I-ULJ LOC.
4. ADDED FAC 2, LWM VOR/DME.
5. ADDED INT AND DME TO FIX TYPE.
6. ADDED REMARK, COORDINATES ESTABLISHED 2.6NM FROM KBED R29 THLD.
7. ADDED REMARK, I-ULJ DME COORDINATES: 422805.50N/0711606.17W.

DEVELOPED BY: **DATE:** 01/06/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SOSYO **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 422914.45N/0712555.75W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GARDNER	GDM	VOR/DME	L	111.00	097.00	28.00	28.00		2000	17500
2	MANCHESTER	MHT	VOR/DME	L	201.93	186.93		23.03		2000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	GDM	VOR/DME	111.00	291.00	R	1		2000	6000	4	6
2	SE		WP	113.00	293.00	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	423000.00N/0713133.00W	712	4E
2	200	AAO	423000.00N/0713133.00W	712	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
GARDNER (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V431	1, 2				(US)
IAP	ILS OR LOC RWY 29	1, 2		KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) Z RWY 29		2	KBED	BEDFORD	MA (US)
IAP	RNAV (RNP) Y RWY 29		2	KBED	BEDFORD	MA (US)
IAP	RNAV (GPS) RWY 05			KLWM	LAWRENCE	MA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED REMARK, GARDNER (FAC 1) AND MANCHESTER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
2. CHANGED PAT 1 TYPE FROM VORTAC TO VOR/DME.
3. REVISED REMARK "PRECIPITOUS TERRAIN EVALUATION COMPLETE" TO "...COMPLETED".

DEVELOPED BY: **DATE:** 04/16/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, BED ATCT
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **BEDFORD** STATE: **MA**

AIRPORT NAME: **LAURENCE G HANSCOM FLD** ID: **KBED**

PROCEDURE: **ILS OR LOC RWY 29** AMDT: **7**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.84**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.05**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **277.14**
4. High Terrain in **FINAL** segment containing 1000' point **375**
5. Distance from **THLD** to 1500' point **5.09**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.32**
7. True Course of **FINAL** segment containing 1500' point **277.14**
8. High Terrain in **FINAL** segment containing 1500' point **375**
9. Threshold Coordinates (if straight-in) ... **422809.97N / 0711628.42W**
10. ARP Coordinates ..... **422811.80N / 0711720.40**
11. Runway Approach End and distance furthest from ARP.....RWY **29**
    Distance **0.64** NM
12. FAF Coordinates ..... **422731.76N / 0710938.69W**
    (Click to Select)

REMARKS: Approach/Drawing attached.