

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SEGOE (IAF)	MORIS (FB)	203.32 / 6.73	1800	LPV: DA LNAV/VNAV: DA LNAV: RW29 CLIMB TO 2000 DIRECT COMON AND ON TRACK 296.86 TO SOSYO AND HOLD.
MORIS (IF)	JAYSE (FB)	293.31 / 6.02	1800	
JAYSE (FAF)	ROGGR/2.60 NM TO RW29 (FB)	293.22 / 2.49		
ROGGR/2.60 NM TO RW29	RW29 (MAP) (FO)	293.18 / 2.60		
RW29 (MAP)	323 MSL	293.18		
323 MSL	COMON (FB)			ADDITIONAL FLIGHT DATA: HOLD SE, RT, 293.00 INBOUND. CHART FAS OBST: 415 TREE 422713N/0711316W CHART R-4102 A/B. DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.46 MILES TO RW29* *LNAV ONLY.
COMON	SOSYO (FO)	296.86 / 3.08	2000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT MORIS
3. FAC: 293.22 FAF: JAYSE DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: MORIS 1800, JAYSE 1800, ROGGR/2.60 NM TO RW29 1000*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1800 GS ALT AT: JAYSE 1800 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR
8. MSA FROM: RW29 3300

WAAS CHANNEL # 86612
REFERENCE PATH ID: W29A
LTP HAE: 9.8 M

MAG VAR: 16W EPOCH YEAR: 1995

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		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
LPV DA	323	1/2	200	323	1/2	200	323	1/2	200	323	1/2	200			
LNAV/VNAV DA	609	1 1/8	486	609	1 1/8	486	609	1 1/8	486	609	1 1/8	486			
LNAV MDA	640	1/2	517	640	1/2	517	640	1	517	640	1	517			
CIRCLING	720	1	588	720	1	588	720	1 1/2	588	780	2	648			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART NOTE: BARO-VNAV AND VDP NA WITH BOSTON ALTIMETER SETTING.
 (SEE FORM 8260-10)

CITY AND STATE BEDFORD, MA	ELEVATION: 132 THRE: 123 AIRPORT NAME: LAURENCE G HANSCOM FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 29, AMDT 1 20 SEPTEMBER 2012	SUP: RNAV (GPS) RWY 29 AMDT: ORIG DATED 05/07/2009
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NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOSTON ALTIMETER SETTING AND INCREASE ALL DA 49 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY, LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBED
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	422809.9695N
LTP/FTP LONGITUDE	0711628.4155W
LTP/FTP ELLIPSOIDAL HEIGHT	+00098
FPAP LATITUDE	422821.0300N
FPAP LONGITUDE	0711827.8800W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

EA2AB43D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00375
FPAP ORTHOMETRIC HEIGHT	+00375

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBEDK6FR29-Z	ASEGOE	010SEGOEK6EA0E	A	IF					18000		A	JS
SUSAP	KBEDK6FR29-Z	ASEGOE	020MORISK6EA0EE	B	010TF		20330067	+ 01800				A	JS
SUSAP	KBEDK6FR29-Z	R	010MORISK6EA0E	I	IF			+ 01800		18000		A	JS
SUSAP	KBEDK6FR29-Z	R	020JAYSEK6EA1E	F	051TF		29330060	+ 01800			RW29	AK6PGA	JS
SUSAP	KBEDK6FR29-Z	R	020JAYSEK6EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KBEDK6FR29-Z	R	021ROGGRK6EA0E	S	031TF		29320025	V 0100001006		-300		A	JS
SUSAP	KBEDK6FR29-Z	R	030RW29 K6PG0GY	M	031TF		29320026	00178		-300		A	JS
SUSAP	KBEDK6FR29-Z	R	040	O	M	CA	2932	+ 00323				A	JS
SUSAP	KBEDK6FR29-Z	R	050COMONK6EA0E		DF							A	JS
SUSAP	KBEDK6FR29-Z	R	060SOSYOK6EA0EY		010TF		2969	+ 02000				A	JS
SUSAP	KBEDK6FR29-Z	R	070SOSYOK6EA0EE	R	HM		29300040	+ 02000				A	JS

[illegible][illegible][illegible]

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SUSAP KBEDK6SRW29 K6PGA

0 18018003325

M

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	SEGOE	SEGOE	010	IAF	IF		FB					
	SEGOE	MORIS	020		TF		FB	1.0	203.3 (187.3T)	006.7	AA 01800	
		MORIS	010	FACF	IF		FB				AA 01800	
		JAYSE	020	FAF	TF		FB	0.5	293.3 (277.3T)	006.0	AA 01800	
		ROGGR	021	SDF	TF		FB	0.3	293.2 (277.2T)	002.5	AA 01000 GS 01006	
		RW29	030	MAP	TF		FO	0.3	293.2 (277.2T)	002.6	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		293.2 (277.2T)		AA 00323	
	COMON	050		DF		FB					
	SOSYO	060		TF		FO	1.0	296.9 (280.9T)		AA 02000	
	SOSYO	070		HM	R	FO		293.0 (277.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COMON	N422839.70	W0712150.39	N4228.662	W07121.840
	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
	SEGOE	N423326.70	W0710024.87	N4233.445	W07100.415
	SOSYO	N422914.45	W0712555.75	N4229.241	W07125.929
	RW29	N422809.97	W0711628.42	N4228.166	W07116.474

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00123	55

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