

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.91 MILES AFTER WESIE INT/BAF VORTAC 6.39 DME OR AT BAF 0.48 DME FIX CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CTR VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 3000 THEN LEFT TURN DIRECT CEF VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 275.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE CEF VORTAC, RT, 240.00 INBOUND. CHART FAS OBST: 545 TREE 421207N/0724201W 603 AAO 421326N/0724206W CHART IN PLANVIEW: CEF VORTAC. **DME FROM BAF VORTAC CHART CIRCLING ICON.											
BAF VORTAC	LEADS INT/BAF VORTAC 12.94 DME	024.49 / 12.94	3500												
CTR VOR/DME	LEADS INT/BAF VORTAC 12.94 DME	081.61 / 13.67	3500												
GDM VOR/DME (IAF)	LEADS INT/BAF VORTAC 12.94 DME (NOPT)	263.22 / 28.78	3500												
EEN VORTAC (IAF)	LEADS INT/BAF VORTAC 12.94 DME (NOPT)	227.28 / 30.11	3500												
LEADS INT/BAF VORTAC 12.94 DME (IF/IAF)	WESIE INT/BAF VORTAC 6.39 DME	204.22 / 6.55 (I-BAF)	2200												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE LEADS, RT, 204.22 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 204.22 FAF: WESIE INT/BAF VORTAC 6.39 DME DIST FAF TO MAP: 5.91 THLD: 5.91 4. MIN. ALT: LEADS 3500, WESIE 2200, PETGE/BAF VORTAC 3.48 DME 1260*# 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2200 GS ALT AT: WESIE 2200 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 49.9 8. MSA FROM: BAF VORTAC 010-190 3100, 190-010 3600				MAG VAR: 14W EPOCH YEAR: 1980											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A	ILS: #	LOC: @ (SEE FORM 8260-10)										
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 20	520	5000	250	520	5000	250	520	5000	250	520	5000	250	520	5000	250
S-LOC 20	1260	5000	990	1260	5500	990	1260	2 1/2	990	1260	2 1/2	990	1260	2 1/2	990
CIRCLING	1260	1 1/4	990	1260	1 1/2	990	1260	3	990	1660	3	1390	1660	3	1390
PETGE FIX MINIMUMS**															
S-LOC 20	800	5000	530	800	5000	530	800	5500	530	800	5500	530	800	5500	530
CIRCLING	1160	1 1/4	890	1160	1 1/4	890	1160	2 3/4	890	1660	3	1390	1660	3	1390
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 20. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EEN VORTAC ON V93 NORTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GDM VOR/DME AIRWAY RADIALS 209 CW 298. *LOC ONLY (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 270 TDZE: 270		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WESTFIELD/SPRINGFIELD, MA		AIRPORT NAME:		I-BAF		ILS OR LOC RWY 20, AMDT 8				AMDT:		7B			
		WESTFIELD-BARNES RGNL				18 SEPTEMBER 2014				DATED		05/29/2014			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADLEY INTL ALTIMETER SETTING AND INCREASE ALL DA 44 FT AND ALL MDA 60 FEET; INCREASE PETGE FIX MINIMUMS S-LOC 20 CATS C/D/E VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 20 CAT E VISIBILITY TO 3 MILES; INCREASE PETGE FIX MINIMUMS S-LOC 20 CAT E VISIBILITY TO 1 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING BRADLEY INTL ALTIMETER SETTING INCREASE S-LOC 20 CAT E VISIBILITY TO 3 MILES; INCREASE PETGE FIX MINIMUMS S-LOC 20 E VISIBILITY TO 3 MILES.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: NIGHT LANDING: RWY 15, 20, 33 NA.

CHART NOTE: **DME FROM BAF VORTAC. SIMULTANEOUS RECEPTION OF I-BAF AND BAF DME REQUIRED.

#1320 WHEN USING BRADLEY INTL ALTIMETER SETTING.

ALTERNATE MINIMUMS, (CONT.):

@ NA WHEN TOWER CLOSED.

CAT A, B 1000-2, CAT C 1000-3, CAT D, E
1400-3

@ CAT A, B 1000-2, CAT C 1000-3, CAT D, E
1400-3

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE

WESTFIELD/SPRINGFIELD, MA

ELEVATION: 270

TDZE: 270

AIRPORT NAME:

WESTFIELD-BARNES RGNL

FACILITY
IDENTIFIER:

I-BAF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 20, AMDT 8
18 SEPTEMBER 2014

SUP:

AMDT: 7B

DATED: 05/29/2014

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC PACKET - 424-18 - ILS

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBAFK6FI20	ABAF	010BAF	K6D 0V	IF					18000		0	NS
SUSAP	KBAFK6FI20	ABAF	020LEADSK6PC0EY		TF			+ 03500				0	NS
SUSAP	KBAFK6FI20	ABAF	030LEADSK6PC0EE	AR	HF	BAF K6	024501292042T010D	+ 03500				0	NS
SUSAP	KBAFK6FI20	ACTR	010CTR	K6D 0V	IF					18000		0	NS
SUSAP	K3AFK6FI20	ACTR	020LEADSK6PC0EY		TF			+ 03500				0	NS
SUSAP	KBAFK6FI20	ACTR	030LEADSK6PC0EE	AR	HF	BAF K6	024501292042T010D	+ 03500				0	NS
SUSAP	KBAFK6FI20	AEEN	010EEN	K6D 0V A	FC	EEN K6	0000000022730281D	+ 03500		18000		0	NS
SUSAP	KBAFK6FI20	AEEN	020LEADSK6PC0EE	B	CF	IBAFK6	0242014122730020PI	+ 03500				0	NS
SUSAP	KBAFK6FI20	AGDM	010GDM	K6D 0V A	FC	GDM K6	0000000026320268D	+ 03500		18000		0	NS
SUSAP	KBAFK6FI20	AGDM	020LEADSK6PC0EE	B	CF	IBAFK6	0242014126320020PI	+ 03500				0	NS
SUSAP	KBAFK6FI20	I	010LEADSK6PC0E	I	IF	IBAFK6	02420141	PI	J	035000220018000		0	NS
SUSAP	KBAFK6FI20	I	020WESIEK6PC0E	F	CF	IBAFK6	0242007520400066PI	H	0220002200		-300BAF	K6D	0 NS
SUSAP	KBAFK6FI20	I	030RW20	K6PGOGY M	CF	IBAFK6	0242001620400059PI		00316		-300		0 NS
SUSAP	KBAFK6FI20	I	040	0 M	CA		2042		+ 01300				0 NS
SUSAP	KBAFK6FI20	I	050CTR	K6D 0VY R	DF				+ 04000				0 NS
SUSAP	KBAFK6FI20	I	060CTR	K6D 0VE R	HM		2750T010		+ 04000				0 NS

[illegible]

SUP:	
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DATED:	05/29/2014

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[illegible]

SUP:	
AMDT:	7B
DATED:	05/29/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BAF	BAF	010		IF		FB					
	BAF	LEADS	020		TF		FO				AA 03500	
	BAF	LEADS	030	IAF	HF	R	FO		204.2 ()	T01.0	AA 03500	
	CTR	CTR	010		IF		FB					
	CTR	LEADS	020		TF		FO				AA 03500	
	CTR	LEADS	030	IAF	HF	R	FO		204.2 ()	T01.0	AA 03500	
	EEN	EEN	010	IAF	FC		FB		227.3 ()	028.1	AA 03500	
	EEN	LEADS	020		CF		FB		227.3 ()	002.0	AA 03500	
	GDM	GDM	010	IAF	FC		FB		263.2 ()	026.8	AA 03500	
	GDM	LEADS	020		CF		FB		263.2 ()	002.0	AA 03500	
		LEADS	010	FACF	IF		FB				AA 03500 GI 02200	
		WESIE	020	FAF	CF		FB		204.0 ()	006.6	GI 02200 GS 02200	
		RW20	030	MAP	CF		FO		204.0 ()	005.9	AT 00316	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		204.2 ()		AA 01300	
	CTR	050		DF	R	FO				AA 04000	
	CTR	060		HM	R	FO		275.0 ()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.05	W0724258.32	N4209.718	W07242.972
	CTR	N421728.75	W0725657.82	N4217.479	W07256.964
	EEN	N424739.40	W0721730.40	N4247.657	W07217.507
	GDM	N423245.32	W0720329.48	N4232.755	W07203.491
	LEADS	N422226.65	W0723947.57	N4222.444	W07239.793
	WESIE	N421559.96	W0724121.75	N4215.999	W07241.363
	RW20	N421010.58	W0724246.56	N4210.176	W07242.776
	IBAF (LOC)	N420834.52	W0724309.83	N4208.575	W07243.164

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00267	50

CITY AND STATE
WESTFIELD/SPRINGFIELD, MA

ELEVATION: 270 TDZE: 270
AIRPORT NAME:
WESTFIELD-BARNES RGNL

FACILITY
IDENTIFIER:
I-BAF

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 20, AMDT 8
18 SEPTEMBER 2014

SUP:
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FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC PACKET - 424-18 - LOC

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	BAF	K6011300VTL	N42094305W072425832	N42094305W072425832W0140002671	NARBARNES								
SUSAD	CTR	K6011510VTL	N42172875W072565782	N42172875W072565782W0130016001	NARCHESTER								
SUSAD	EEN	K6010940VTL	N42473940W072173040	N42473940W072173040W0140013801	NARKEENE								
SUSAD	GDM	K6011060VTL	N42324532W072032948	N42324532W072032948W0140012801	NARGARDNER								

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBAFK6FL20	ABAF	010BAF	K6D 0V	IF					18000		0	NS
SUSAP	KBAFK6FL20	ABAF	020LEADSK6PC0EY	TF				+ 03500				0	NS
SUSAP	KBAFK6FL20	ABAF	030LEADSK6PC0EE	AR	HF BAF K6	024501292042T010D		+ 03500				0	NS
SUSAP	KBAFK6FL20	ACTR	010CTR	K6D 0V	IF					18000		0	NS
SUSAP	KBAFK6FL20	ACTR	020LEADSK6PC0EY	TF				+ 03500				0	NS
SUSAP	KBAFK6FL20	ACTR	030LEADSK6PC0EE	AR	HF BAF K6	024501292042T010D		+ 03500				0	NS
SUSAP	KBAFK6FL20	AEEN	010EEN	K6D 0V A	FC EEN K6	0000000022730281D		+ 03500		18000		0	NS
SUSAP	KBAFK6FL20	AEEN	020LEADSK6PC0EE	B	CF IBAFK6	0242014122730020PI		+ 03500				0	NS
SUSAP	KBAFK6FL20	AGDM	010GDM	K6D 0V A	FC GDM K6	0000000026320268D		+ 03500		18000		0	NS
SUSAP	KBAFK6FL20	AGDM	020LEADSK6PC0EE	B	CF IBAFK6	0242014126320020PI		+ 03500				0	NS
SUSAP	KBAFK6FL20	L	010LEADSK6PC0E	I	IF IBAFK6	02420141	PI	+ 03500		18000		0	NS
SUSAP	KBAFK6FL20	L	020WESIEK6PC0E	F	CF IBAFK6	0242007520400066PI		+ 02200			BAF K6D	0	NS
SUSAP	KBAFK6FL20	L	021PETGEK6PC0E	S	CF IBAFK6	0242004620400029PI		+ 01260		-301		0	NS
SUSAP	KBAFK6FL20	L	030RW20	K6PGOGY M	CF IBAFK6	0242001620400030PI		00316		-301		0	NS
SUSAP	KBAFK6FL20	L	040	0 M	CA	2042		+ 01300				0	NS
SUSAP	KBAFK6FL20	L	050CTR	K6D 0VY R	DF			+ 04000				0	NS
SUSAP	KBAFK6FL20	L	060CTR	K6D 0VE R	HM	2750T010		+ 04000				0	NS

[illegible]

SUP:	
AMDT:	7B
DATED:	05/29/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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SUSAP KBAFK6GRW20 0090002042 N42101058W072424656-0100 +0052400267000050150IIBAF1

	1	2	3	4	5	6	7	8	9	0	1	2	3
ILS	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KBAFK6IIBAF1 011190RW20 N42083452W0724309832042N42100180W0724252050881 09480406300W01405000264

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KBAFK6SBAF K6D

0 0101900362519001003125

M

CITY AND STATE
WESTFIELD/SPRINGFIELD, MA

ELEVATION: 270 TDZE: 270
AIRPORT NAME:
WESTFIELD-BARNES RGNL

FACILITY
IDENTIFIER:
I-BAF

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 20, AMDT 8
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ARINC SUMMARY - 424-18 - LOC

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	BAF	LEADS	020		TF		FO				AA 03500	
	BAF	LEADS	030	IAF	HF	R	FO		204.2()	T01.0	AA 03500	
	CTR	CTR	010		IF		FB					
	CTR	LEADS	020		TF		FO				AA 03500	
	CTR	LEADS	030	IAF	HF	R	FO		204.2()	T01.0	AA 03500	
	EEN	EEN	010	IAF	FC		FB		227.3()	028.1	AA 03500	
	EEN	LEADS	020		CF		FB		227.3()	002.0	AA 03500	
	GDM	GDM	010	IAF	FC		FB		263.2()	026.8	AA 03500	
	GDM	LEADS	020		CF		FB		263.2()	002.0	AA 03500	
		LEADS	010	FACF	IF		FB				AA 03500	
		WESIE	020	FAF	CF		FB		204.0()	006.6	AA 02200	
		PETGE	021	SDF	CF		FB		204.0()	002.9	AA 01260	
		RW20	030	MAP	CF		FO		204.0()	003.0	AT 00316	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		204.2()		AA 01300	
	CTR	050		DF	R	FO				AA 04000	
	CTR	060		HM	R	FO		275.0()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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	EEN	N424739.40	W0721730.40	N4247.657	W07217.507
	GDM	N423245.32	W0720329.48	N4232.755	W07203.491
	LEADS	N422226.65	W0723947.57	N4222.444	W07239.793
	PETGE	N421307.79	W0724203.58	N4213.130	W07242.060
	WESIE	N421559.96	W0724121.75	N4215.999	W07241.363
	RW20	N421010.58	W0724246.56	N4210.176	W07242.776
	IBAF (LOC)	N420834.52	W0724309.83	N4208.575	W07243.164

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00267	50

CITY AND STATE
WESTFIELD/SPRINGFIELD, MAELEVATION: 270 TDZE: 270
AIRPORT NAME:
WESTFIELD-BARNES RGNLFACILITY
IDENTIFIER:
I-BAFPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 20, AMDT 8
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