

**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 ID</u> KBAF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 8C	<u>CITY</u> WESTFIELD/SPRINGFIELD	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 270	<u>TDZE</u> 270	<u>SUPERSEDED</u> ILS OR LOC RWY 20	<u>ORIGINAL/AMENDMENT</u> 8B	<u>DATED</u> 03/03/2016	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-BAF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
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
LEADS INT/BAF VORTAC 12.94 DME	IF/IAF	WESIE INT/BAF VORTAC 6.39 DME					204.22	6.55 (I-BAF)	2200

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.91 NM AFTER WESIE INT/BAF VORTAC 6.39 DME OR AT BAF 0.48 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CTR VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE LEADS, RT, 204.22 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 4500.					
3. FAF:	204.22	FAF: WESIE INT/BAF VORTAC 6.39 DME	DIST FAF TO MAP: 5.91	DIST FAF TO THLD: 5.91	
4. MIN ALT:	LEADS INT/BAF VORTAC 12.94 DME 3500, WESIE INT/BAF VORTAC 6.39 DME 2200, PETGE/BAF VORTAC 3.48 DME 1260*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT: 948	
6. MIN GS INCPT:	2200	GS ALT AT FAF :	WESIE INT/BAF VORTAC 6.39 DME 2200	OM:	MM: IM:
7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 49.9	
8. MSA FROM:	BAF VORTAC 010-190 3100, 190-010 3600				

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING RWY 15 NA AT NIGHT.
*LOC ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 209 CW 298.
CHART NOTE: DME FROM BAF VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-BAF AND BAF DME.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 20 CAT E VISIBILITY TO RVR 4000; INCREASE S-LOC 20 CAT E VISIBILITY TO 3 SM; INCREASE PETGE FIX MINIMUMS S-LOC 20 CAT E VISIBILITY TO 1 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.99 DME.
DISTANCE VDP TO THLD 1.51 NM.
HOLD E, RT, 275.00 INBOUND.
CHART FAS OBST: 545 TREE 421207N/0724201W.
603 AAO 421326N/0724206W.



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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: CAT A, B 1000-2, CAT C 1000-3, CAT D, E 1400-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.

CATEGORY:	A			B			C			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 20	520	2400	250	520	2400	250	520	2400	250	520	2400	250	520	2400	250
S-LOC 20	1260	4000	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 (DME REQUIRED)															
S-LOC 20	800	2400	530	800	2400	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

CHANGES - REASONS

1. CHANGES FROM P-NOTAMS FOR AMDT 8A AND 8B INCORPORATED INTO THIS FORM.
2. DELETED ALL MENTION OF KEENE (EEN) VORTAC - EEN VORTAC VOR MON DECOMMISSION.
3. REMOVED ALL MENTION OF ALTERNATE MISSED APPROACH HOLDING AND REMOVED ALL MENTION OF CEF VORTAC - CEF VORTAC IS NOW A TACAN ONLY FACILITY. ALTERNATE MISSED APPROACH NOT PUBLISHED WITH ATC/EFPT/AWO APPROVAL.
4. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-ILS 20 CAT E VISIBILITY TO RVR 4000; 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." TO "FOR INOPERATIVE ALS, INCREASE S-ILS 20 CAT E VISIBILITY TO RVR 4000; INCREASE S-LOC 20 CAT E VISIBILITY TO 3 SM; INCREASE PETGE FIX MINIMUMS S-LOC 20 CAT E VISIBILITY TO 1 1/2 SM." - CHANGE IN DOCUMENTATION PER FAAO 8260.19I AND LIGHTING TABLES IN FAAO 8260.3D.
5. CHANGED CHART NOTE FROM "DME FROM BAF VORTAC. SIMULTANEOUS RECEPTION OF I-BAF AND BAF DME REQUIRED." TO "DME FROM BAF VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-BAF AND BAF DME." - IAW FAAO 8260.19I, PARA 8-6-9.K.
6. REMOVED FROM ADDITIONAL FLIGHT DATA: **DME FROM BAF VORTAC AND REMOVED "****" FROM PETGE FIX MINIMUMS. CHANGED TO READ PETGE FIX MINIMUMS (DME REQUIRED) - IAW FAAO 8260.19I, PARA 8-6-11.N.(3)(F).
7. REMOVED ALL BACK-UP ALTIMETER SETTING NOTES - IAW FAAO 8260.19I, PARA 8-6-9.F.(3).
8. CHANGED CHART NOTE FROM "NIGHT LANDING: RWY 15 NA." TO "CIRCLING RWY 15 NA AT NIGHT." - RWY 15 VISUAL AREA HAS 20:1 PENETRATION AND UPDATED LANGUAGE PER FAAO 8260.19I, PARA 8-6-11.O.(2)(G).
9. ADDED TO PROFILE LINE 2 "MAX 4500" - MAXIMUM ALTITUDE REQUIRED IAW FAAO 8260.19I, PARA 8-6-7.B.(2).
10. ADDED VDP - NO 20:1 PENETRATIONS EXIST, DOCUMENTED IAW IMPLEMENTATION LETTER TO 8260.19I, ATTACHMENT 3 - ORDER DEFECTS PARA 8-6-10.M.(1).

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, BDL APP CON, BAF ATCT, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by
JOHN BORDY
May 03, 2021

DATE

DEVELOPED BY

WILLIAM HANBY

Digitally signed by
WILLIAM HANBY
Apr 29, 2021

OFFICE

AJV-A422

DATE

01/21/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by
JOHN BORDY
May 03, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
33
CHECKED