

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.33**

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> KFIT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FITCHBURG	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 345	<u>TDZE</u> 344	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> 04/22/2021	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 069/30 CW 249/30	NOPT	069/8 CW 249/8		5400
2. 069/8 CW 249/8		FIBAB	IF/IAF	4400
3. 249/30 CW 339/30		JIMUG	IAF	4600
4. 339/30 CW 069/30		CONVU	IAF	4600

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GDM VOR/DME		CONVU		TF	FB	1.00	011.54	6.92	4400
CONVU	IAF	FIBAB	NOPT	TF	FB	1.00	068.62	7.00	4400
JIMUG	IAF	FIBAB	NOPT	TF	FB	1.00	248.80	7.00	4400
FIBAB	IF/IAF	EIRRO		TF	FB	1.00	158.71	5.10	2900
EIRRO		KENAT		TF	FB	1.00	158.75	1.30	2500
KENAT	FAF	LELIC/4.02 NM TO OLLIV		TF	FB	0.30	158.76	2.00	
LELIC/4.02 NM TO OLLIV		OLLIV	MAP	TF	FO	0.30	158.76	4.02	
OLLIV	MAP	745 MSL		CA			158.76		
745 MSL		DALIA		DF	FO	1.00			3500



**MISSED APPROACH**

**MAP:**

LNAV: OLLIV

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 3500 DIRECT DALIA AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N FIBAB, RT, 158.71 INBOUND, 4400 FT. IN LIEU OF PT (IF/IAF), MAX 6000.					
3. FAC:	158.76	FAF: KENAT	DIST FAF TO MAP: 6.02	DIST FAF TO THLD: 6.51	
4. MIN ALT: FIBAB 4400, EIRRO 2900, KENAT 2500, LELIC/4.02 NM TO OLLIV 1860					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF :		OM:	MM:	IM:
7. GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH:		
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 339 CW 042.  
CHART NOTE: CIRCLING NA SW OF RWY 14-32 AT NIGHT.

**ADDITIONAL FLIGHT DATA:**

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 13.77 DEGREES.  
CHART CIRCLING ICON.  
CHART VDP: 2.74 NM TO OLLIV.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
HOLD NE, RT, 203.05 INBOUND.  
FAS OBST: 1168 AAO 423606N/0714945W.  
CHART R-4102A & B.  
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.



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

**ALTERNATE:** NA  CAT A, B 1100-2, CAT C 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LNAV MDA	1420	1 1/4	1076	1420	1 1/2	1076	1420	3	1076		NA				
CIRCLING	1420	1 1/4	1075	1420	1 1/2	1075	1520	3	1175		NA				

**CHANGES - REASONS**

1. TERMINAL ROUTES: REMOVED MSA AND ADDED RNAV TAA - EEN VOR/DME DECOMMISSIONING.
2. TERMINAL ROUTES: REMOVED FEEDERS "LURCH TO JIMUG" AND "EEN VORTAC TO FIBAB" - EEN VOR/DME DECOMMISSIONING; ADDED TAA AREAS.
3. TERMINAL ROUTES: UPDATED CONVU-FIBAB ALT/CRS/DIST FROM "4400/068.28/5.00" TO "4400/068.62/7.00" - TAA DEVELOPED PER ATC/UPDATED FIX COORDINATES, NEW OBSTACLE EVALUATION.
4. TERMINAL ROUTES: UPDATED JIMUG-FIBAB ALT/CRS/DIST FROM "4400/248.40/5.00" TO "4400/248.80/7.00" - TAA DEVELOPED PER ATC/UPDATED FIX COORDINATES, NEW OBSTACLE EVALUATION.
5. TERMINAL ROUTES: UPDATED FIBAB-EIRRO ALT/CRS/DIST FROM "3600/158.34/5.00" TO "2900/158.71/5.10" - UPDATED FIX COORDINATES.
6. TERMINAL ROUTES: UPDATED EIRRO-KENAT ALT/CRS/DIST FROM "2800/158.38/5.00" TO "2500/158.75/1.30" - UPDATED FIX COORDINATES.
7. TERMINAL ROUTES: UPDATED KENAT-LELIC CRS/DIST FROM "158.43/3.01" TO "158.76/2.00" - UPDATED FIX COORDINATES.
8. TERMINAL ROUTES: UPDATED LELIC-OLLIV CRS/DIST FROM "158.43/3.19" TO "158.76/4.02" - UPDATED FIX COORDINATES.
9. TERMINAL ROUTES: UPDATED OLLIV-748 MSL CRS FROM "158.43" TO "158.76" - UPDATED FIX COORDINATES.
10. TERMINAL ROUTES: UPDATED FROM "748 MSL-DALIA" TO "745 MSL-FIBAB", AND ALT FROM "3500" TO "4400", ADDED 1.0 RNP - UPDATED FIX COORDINATES.
11. PROFILE LIN4 2: UPDATED FROM "HOLD N FIBAB, RT, 158.34 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 8000" TO "HOLD N FIBAB, RT, 158.71 INBOUND, 4400 FT. IN LIEU OF PT (IAF), MAX 6000".
12. PROFILE LINE 3: UPDATED FROM "FAC: 158.43 - FAF: KENAT - DIST FAF TO MAP: 6.20 - DIST FAF TO THLD: 6.52" TO "FAC: 158.76 - FAF: KENAT - DIST FAF TO MAP: 6.02 DIST FAF TO THLD: 6.51".
13. PROFILE LINE 4: UPDATED FROM "FIBAB 4400, EIRRO 3600, KENAT 2800, LELIC/3.19 NM TO OLLIV 1840" TO "FIBAB 4400, EIRRO 2900, KENAT 2500, LELIC/4.02 NM TO OLLIV 1860".
14. PROFILE LINE 8: DELETED "MSA FROM: OLLIV 4400" - PROCEDURE NOW CONTAINS TAA.
15. ADDITIONAL FLIGHT DATA: UPDATED FINAL APPROACH COURSE OFFSET FROM "14.94 DEGREES" TO "13.77 DEGREES".
16. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1145 TOWERS 423524N/0714941W" TO FAS OBST "1168 AAO 423606N/0714945W".
17. ADDITIONAL FLIGHT DATA: UPDATED FAC CROSSES RWY C/L EXTENDED FROM "1986 FT FROM THLD" TO "3000 FT FROM THLD".
18. ADDITIONAL FLIGHT DATA: ADDED "CHART CIRCLING ICON" - IAW CURRENT CRITERIA.
19. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP: 2.74 NM TO OLLIV. " - UPDATED TARGETS EVALUATION/VDP PUBLISHABLE.
20. CHANGED ALTERNATE MINIMUMS FROM "CAT A, B 1000-2, CAT C 1000-3" TO "CAT A, B 1100-2, CAT C 1200-3 - NA WHEN LOCAL WEATHER NOT AVAILABLE".
21. MINIMUMS: UPDATED LNAV ALL CATS MDA/HAT FROM "1320/980" TO "1420/1076" - UPDATED OBSTACLE EVALUATION.
22. MINIMUMS: UPDATED CIRCLING CATS A AND B MDA/HAA FROM "1320/972" TO "1420/1075", AND CAT C FROM "1340/992" TO "1520/1175" - UPDATED OBSTACLE EVALUATION; VIS CHECK IAW 8260.3D TABLE 3-3-3.

02/08/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/16/20.

1. CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO "4/22/2021" - PROJECT NOW ASSIGNED A HARD DATE.
2. TERMINAL ROUTES: CHANGED THE MISSED APPROACH CLEARANCE LIMIT FIX/ALTITUDE FROM FIBAB/4400 TO DALIA/3500 - REVERTED TO PREVIOUS MISSED APPROACH PER FPT/ATC REQUEST.
3. MISSED APPROACH: CHANGED INSTRUCTIONS FROM "CLIMBING LEFT TURN TO 4400 DIRECT FIBAB AND HOLD. CONTINUE CLIMB IN HOLD TO 6000" TO "CLIMBING LEFT TURN TO 3500 DIRECT DALIA AND HOLD" AND UPDATED CONTROLLING OBSTACLES - REVERTED TO PREVIOUS MISSED APPROACH PER FPT/ATC REQUEST.
4. ADDITIONAL FLIGHT DATA: ADDED "HOLD NE, RT, 203.05 INBOUND" - REVERTED TO PREVIOUS MISSED APPROACH PER FPT/ATC REQUEST.



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZBW, BOS APP CON, AMGR

**FLIGHT CHECKED BY**  
PENDING

*Digitally signed by*

**JOHN BORDY**

**OFFICE**

**DATE**

Feb 11, 2021

*Digitally signed by*

**JOHN BORDY**

**OFFICE**

**DATE**

Feb 11, 2021

AJV-A422

12/16/2020

**DEVELOPED BY**  
JOHN BORDY (ALEX BALLESTER MARTINEZ)

**APPROVED BY**  
MARLON ROBINSON

*Digitally signed by*

**JOHN BORDY**

**OFFICE**

**DATE**

**TITLE**  
MANAGER

Feb 11, 2021

AJV-A420

