

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 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FITCHBURG	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 345	<u>TDZE</u> 337	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<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>	<u>REQUIRED EFFECTIVE DATE</u> 04/22/2021	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 235/30 CW 055/30	NOPT	DESLO	IF/IAF	3000
2. 055/30 CW 145/30		OWLET	IAF	3500
3. 145/30 CW 235/30		TOPTO	IAF	3600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OWLET	IAF	DESLO	NOPT	TF	FB	1.00	055.15	7.00	3000
TOPTO	IAF	DESLO	NOPT	TF	FB	1.00	235.29	7.00	3000
DESLO	IF/IAF	CLETR		TF	FB	1.00	325.22	9.00	2000
CLETR	FAF	RW32	MAP	TF	FO	0.30	325.12	5.12	
RW32	MAP	745 MSL		CA			325.12		
745 MSL		TAYUN		DF	FB	1.00			
TAYUN		DALIA		TF	FO	1.00	041.12	12.01	3500

MISSED APPROACH

MAP:

LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT TAYUN AND ON TRACK 041.12 TO DALIA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
49
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE DESLO, RT, 325.22 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC:

325.12

FAF: CLETR

DIST FAF TO MAP: 5.12

DIST FAF TO THLD: 5.12

4. MIN ALT: DESLO 3000, CLETR 2000

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 NOT CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA WHEN R-4102 A&B ARE ACTIVE.
CHART NOTE: CIRCLING NA SW OF RWY 14-32 AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 203.05 INBOUND.
FAS OBST: 722 AAO 423026N/0714202W.
CHART R-4102 A & B.
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

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

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
LNAV MDA	980	1	643	980	1	643	980	1 7/8	643		NA				
CIRCLING	1040	1	695	1380	1 1/2	1035	1520	3	1175		NA				



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED MSA AND ADDED RNAV TAA - MHT VOR/DME DECOMMISSIONING.
2. TERMINAL ROUTES: REMOVED FEEDERS "MHT VOR/DME TO TOPTO" AND "GLYDE TO OWLET" - MHT VOR/DME DECOMMISSIONING; ADDED TAA AREAS.
3. TERMINAL ROUTES: UPDATED OWLET-DESLO ALT/CRS/DIST FROM "3000/53.58/5" TO "3000/55.14/7" - TAA DEVELOPED PER ATC/UPDATED FIX COORDINATES, NEW OBSTACLE EVALUATION.
4. TERMINAL ROUTES: UPDATED TOPTO-DESLO ALT/CRS/DIST FROM "3000/233.68/5" TO "3000/235.31/7" - TAA DEVELOPED PER ATC/UPDATED FIX COORDINATES, NEW OBSTACLE EVALUATION.
5. TERMINAL ROUTES: UPDATED DESLO-CLETR CRS/DIST FROM "323.63/5.05" TO "325.22/5.12" - UPDATED FIX COORDINATES.
6. PROFILE LINE 2: UPDATED HIL CRS FROM "323.63 INBOUND" TO "325.22 INBOUND" - UPDATED FIX COORDINATES.
7. ADDITIONAL FLIGHT DATA: ADDED "CHART CIRCLING ICON" - IAW CURRENT CRITERIA.
8. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST: FROM "697 80' TREES 423227N/0714321W" TO "FAS OBST 697 AAO 423402.45N/0714413.68W - 8260.19I 8-6-10.C.
9. AMENDED BACKUP ALTIMETER CAT C VISIBILITY FROM 1 SM" TO "1-1/8 SM" - UPDATED VISCHECK RESULTS; VIS CHECK IAW 8260.3D TABLE 3-3-1.
10. MINIMUMS: UPDATED LNAV ALL CATS MDA/HAT FROM "1120/785" TO "980/643" - UPDATED OBSTACLE EVALUATION.
11. MINIMUMS: UPDATED CIRCLING CAT A MDA/HAA FROM 1120/772 TO 1040/692 - UPDATED OBSTACLE EVALUATION; VIS CHECK IAW 8260.3D TABLE 3-3-3.
12. MINIMUMS: UPDATED CIRCLING CAT B MDA/HAA FROM 1320/972 TO 1380/1032 - UPDATED OBSTACLE EVALUATION; VIS CHECK IAW 8260.3D TABLE 3-3-4.
13. MINIMUMS: UPDATED CIRCLING CAT C MDA/HAA FROM 1340/992 TO 1520/1172 - UPDATED OBSTACLE EVALUATION; VIS CHECK IAW 8260.3D TABLE 3-3-1.
14. DELETED FEEDER GLYDE TO OWLET - TAA DEVELOPED PER FPT REQUEST.

02/08/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/10/20.

1. CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO "4/22/2021" - PROJECT NOW ASSIGNED A HARD DATE.

COORDINATED WITH:

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

Digitally signed by

FLIGHT CHECKED BY

PENDING

JOHN BORDY

OFFICE

DATE

Feb 11, 2021

DEVELOPED BY

JOHN BORDY (GREG LINDSEY)

Digitally signed by

JOHN BORDY

OFFICE

AJV-A422

DATE

12/10/2020

Feb 11, 2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

OFFICE

AJV-A420

DATE

12/10/2020

Feb 11, 2021

TITLE

MANAGER

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KFIT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>AMDT NO.</u> 1	<u>CITY</u> FITCHBURG	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 345	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
236/30 CW 055/30

TO
DESLO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (25-000622)	420313.00N/0714904.00W		1548	500	50	5D	1000				AT452	3000
2.TERRAIN	420254.00N/0714851.00W		895 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM
055/30 CW 145/30

TO
OWLET

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	422921.00N/0715312.00W		2215	164	98	4E	1000					3300
4.TERRAIN	422921.00N/0715312.00W		2014 (2000)								AS1500	3500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

145/30 CW 235/30

TO

TOPTO

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	425142.00N/0715242.00W		2481	164	98	4E	1000					3500
6.TERRAIN	424939.00N/0715309.00W		2053 (2100)								AS1500	3600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL

FROM

OWLET

TO

DESLO

<u>RNP</u>	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.TOWER (25-000619)	422302.73N/0712935.33W		1462	50	3	2A	1000				AT538	3000
8.TERRAIN	422048.00N/0713406.00W		593 (600)								AS1500	2100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT ID KFIT	PROCEDURE NAME RNAV (GPS) RWY 32	AMDT NO. 1	CITY FITCHBURG	STATE MA	AIRPORT ELEVATION 345	FACILITY RNAV					
INITIAL											
FROM TOPTO			TO DESLO								
RNP	DISTANCE 7.00	PAT	MAP	HAT		HMAS					
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (25-000619)	422302.73N/0712935.33W	1462	50	3	2A	1000				AT538	3000
9.TERRAIN	422754.00N/0712957.00W	492 (500)								AS1500	2000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE												
FROM DESLO (IF/IAF)			TO CLETR									
RNP	DISTANCE 9.00	PAT	MAP	HAT		HMAS						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
7.TOWER (25-000619)	422302.73N/0712935.33W	1462	50	3	2A	500					2000	
10.TERRAIN	422709.00N/0713642.00W	688 (700)								AS1000	1700	

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM

CLETR

TO

RW32

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.12		RW32			643						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.AAO	423026.11N/0714201.67W		722	50	20	2C	250					980

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

DESLO

TO

P-6

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-6										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (25-000619)	422302.73N/0712935.33W		1462	50	3	2A	1000				AT538	3000
12.TERRAIN	422654.00N/0713612.00W		629 (600)								AS1000	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW32

TO

DALIA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 880					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
13.AAO	423824.00N/0715145.00W		1628	164	98	4E	1000				SA-52	2600
14.TERRAIN	423815.00N/0715139.00W		1305 (1300)								AS1000	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
15.TREE (25-064505)	423402.45N/0714413.68W	1.30	695	721	20	10	1B	300			1040
CATEGORY B											
16.TOWER (25-022077)	423245.25N/0714744.28W	1.82	1035	1022	500	50	5D	300		AC50	1380
CATEGORY C											
17.TREE (25-064062)	423130.26N/0714800.32W	2.87	1175	1216	20	10	1B	300			1520

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
BDR TOWER, BOS APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KFIT	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KFIT	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KBED	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KBED	<u>DISTANCE</u> 24.694	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 80

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KFIT 348, KBED 132
RA = 79.6.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW02		BSC-F	
RW20		BSC-F	
RW14 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW32 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 40.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	299.68
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LNAV
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AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KFIT	RNAV (GPS) RWY 32	1	FITCHBURG	MA	345	RNAV

20:1	
449 POLE (25-020767) 423250.85N/0714449.44W (40.86)	
422 BUILDING (25-063614) 423251.81N/0714448.69W (14.84)	
Final Type	LNAV
34:1	
651 TREE (25-020827) 423219.06N/0714340.74W (99.01)	
637 TREE (25-020823) 423220.40N/0714344.09W (93.22)	
644 TREE (25-020825) 423218.76N/0714341.51W (92.73)	
666 TOWER (25-020833) 423215.52N/0714332.13W (92.72)	
665 TANK (25-020832) 423216.30N/0714331.48W (92.12)	
642 TREE (25-020824) 423216.99N/0714343.98W (91.5)	
641 TREE (25-020826) 423217.43N/0714342.90W (89.53)	
648 TREE (25-020829) 423216.59N/0714339.26W (88.78)	
660 WATER_TOWER (25-064571) 423216.32N/0714331.52W (87.22)	
656 TREE (25-020831) 423214.52N/0714335.60W (86.65)	
638 TREE (25-020828) 423217.49N/0714342.04W (85.19)	
479 TREE (25-064363) 423239.95N/0714436.98W (61.81)	
482 TREE (25-064662) 423238.88N/0714434.05W (57.82)	
487 TREE (25-064432) 423239.82N/0714429.50W (56.96)	
478 TREE (25-064311) 423240.15N/0714433.56W (55.43)	
468 TREE (25-064117) 423242.44N/0714436.42W (54.64)	
490 TREE (25-064360) 423238.47N/0714427.82W (54.54)	
475 TREE (25-064625) 423238.88N/0714435.54W (53.34)	
478 TREE (25-064543) 423239.41N/0714432.10W (51.55)	
479 TREE (25-064105) 423238.87N/0714430.12W (48.18)	
630 TREE (25-064588) 423211.60N/0714331.21W (47.65)	
452 TREE (25-064011) 423241.13N/0714442.40W (46.21)	
445 TREE (25-020808) 423240.18N/0714446.26W (43.89)	
466 TREE (25-020811) 423234.19N/0714439.73W (42.41)	
469 TREE (25-064106) 423237.83N/0714433.76W (42.32)	
457 TREE (25-064017) 423239.62N/0714438.29W (41.39)	
433 TREE (25-064013) 423244.58N/0714445.89W (39.7)	
448 TREE (25-064263) 423243.58N/0714438.03W (39.54)	
479 TREE (25-064669) 423237.68N/0714426.18W (39.26)	
474 TREE (25-064156) 423237.41N/0714428.90W (38.33)	
613 TREE (25-064010) 423207.91N/0714339.63W (37.77)	
473 TREE (25-064657) 423235.14N/0714431.44W (37.26)	
442 TREE (25-064450) 423243.74N/0714439.42W (36.19)	
451 TREE (25-064284) 423241.36N/0714436.65W (35.96)	
466 TREE (25-064425) 423237.44N/0714431.59W (34.92)	
486 TREE (25-064280) 423233.73N/0714423.91W (34.87)	
455 TREE (25-064082) 423237.92N/0714437.32W (34.49)	
417 TREE (25-064330) 423245.60N/0714451.08W (34.4)	
423 TREE (25-064653) 423247.14N/0714445.07W (33.22)	
471 TREE (25-064247) 423236.29N/0714428.12W (31.87)	
418 TREE (25-064372) 423246.47N/0714446.24W (28.91)	
422 TREE (25-064512) 423242.33N/0714447.93W (27.82)	
457 TREE (25-064597) 423235.44N/0714434.58W (27.12)	
440 TREE (25-064059) 423239.35N/0714440.13W (26.97)	
417 TREE (25-064593) 423243.41N/0714449.15W (26.95)	
430 TREE (25-064285) 423241.09N/0714443.87W (26.61)	
429 TREE (25-064141) 423244.72N/0714440.20W (26.38)	
406 TREE (25-064152) 423249.68N/0714447.83W (25.74)	
424 TREE (25-064572) 423245.81N/0714441.01W (24.83)	
399 BUILDING (25-064056) 423250.40N/0714450.44W (24.52)	

QUALITY
10
CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KFIT	RNAV (GPS) RWY 32	1	FITCHBURG	MA	345	RNAV
401 TREE (25-064318) 423247.09N/0714452.86W (24.25)			395 TREE (25-064231) 423249.63N/0714453.34W (23.93)			QUALITY 10 CHECKED
491 BUILDING (25-064495) 423229.20N/0714419.51W (23.77)			422 POLE (25-064208) 423244.81N/0714442.67W (23.71)			
470 TREE (25-064366) 423236.34N/0714422.97W (22.29)			469 TREE (25-064255) 423234.73N/0714425.38W (22.26)			
477 TREE (25-064489) 423232.96N/0714422.49W (22)			455 TREE (25-064666) 423234.71N/0714433.28W (21.54)			
471 TREE (25-064066) 423235.01N/0714423.35W (21.38)			388 POLE (25-064003) 423250.81N/0714454.37W (20.93)			
444 TREE (25-064228) 423237.82N/0714435.87W (20.86)			457 TREE (25-064178) 423234.10N/0714432.01W (20.23)			
430 TREE (25-064473) 423240.55N/0714440.68W (20.2)			429 TREE (25-064135) 423238.37N/0714443.64W (20.01)			
442 TREE (25-064044) 423236.61N/0714437.58W (19.42)			400 TREE (25-064353) 423245.10N/0714452.79W (19.32)			
437 TREE (25-064018) 423236.47N/0714440.40W (18.91)			445 TREE (25-064550) 423235.91N/0714436.17W (18.7)			
460 TREE (25-064107) 423235.42N/0714426.99W (17.3)			460 TREE (25-064364) 423236.63N/0714425.58W (17.24)			
470 TREE (25-064449) 423235.00N/0714421.47W (17.19)			381 POLE (25-064241) 423252.26N/0714454.59W (17.08)			
424 TREE (25-064073) 423242.68N/0714439.92W (17)			495 TREE (25-064054) 423228.15N/0714414.16W (16.75)			
466 TREE (25-064012) 423231.17N/0714427.91W (16.7)			420 TREE (25-064035) 423243.71N/0714440.85W (16.54)			
409 BUILDING (25-064326) 423247.21N/0714443.27W (16.32)			453 TREE (25-064652) 423236.22N/0714429.58W (16.19)			
447 TREE (25-064327) 423236.57N/0714432.49W (15.77)			410 BUILDING (25-064589) 423246.17N/0714442.62W (14.24)			
487 TREE (25-064186) 423229.52N/0714415.33W (13.34)			491 TREE (25-064681) 423229.02N/0714413.33W (13.01)			
409 STACK (25-064369) 423244.29N/0714444.48W (12.77)			397 STACK (25-064347) 423247.70N/0714447.61W (12.58)			
409 STACK (25-064038) 423243.24N/0714444.70W (11.13)			438 TREE (25-064494) 423236.61N/0714434.85W (10.82)			
359 TREE (25-064690) 423255.33N/0714459.89W (9.89)			382 CRANE (25-064019) 423250.06N/0714451.90W (9.33)			
405 TREE (25-064132) 423242.70N/0714446.49W (9.11)			409 STACK (25-064052) 423242.92N/0714443.41W (8.34)			
349 TREE (25-064466) 423256.97N/0714502.76W (7.87)			492 TREE (25-064058) 423226.17N/0714412.92W (7.86)			
432 TREE (25-064055) 423234.83N/0714438.66W (7.83)			360 TREE (25-064312) 423254.25N/0714458.76W (6.92)			
363 TREE (25-064390) 423252.11N/0714458.98W (6.19)			435 TREE (25-064436) 423234.48N/0714436.26W (6.12)			
354 TREE (25-064078) 423254.57N/0714501.40W (5.98)			448 TREE (25-064046) 423233.77N/0714428.75W (5.1)			
365 TREE (25-064464) 423252.92N/0714456.12W (4.92)			453 TREE (25-064434) 423230.29N/0714429.33W (4.41)			
347 TREE (25-064085) 423254.02N/0714505.02W (4.02)			349 TREE (25-064155) 423254.13N/0714503.66W (3.94)			
456 TREE (25-064336) 423228.87N/0714428.67W (3.57)			482 TREE (25-064139) 423230.12N/0714411.78W (3.51)			
380 TRAVERSE_WAY (25-064278) 423250.22N/0714448.95W (2.66)			457 TREE (25-064606) 423230.49N/0714425.65W (2.59)			
431 TREE (25-064030) 423233.37N/0714436.65W (0.65)			355 TREE (25-064275) 423252.08N/0714500.46W (0.62)			

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
KFIT	RNAV (GPS) RWY 32	1	FITCHBURG	MA	345	RNAV
369 TREE (25-064175) 423249.57N/0714454.73W (0.16)			471 TREE (25-064455) 423231.22N/0714415.04W (0.11)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - "OBSTACLES PENETRATE 20:1 SURFACE" IAW 8260.19I 8-7-1.D.(4).

VEGETATION HEIGHT 80' PER FPT.

FOR CONTIGENCY PURPOSES:
 WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BEDFORD/LAURENCE G. HANSCOM FIELD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, AND LNAV VISIBILITY CAT C 1/8 SM.

CIRCLING NA SW OF RWY 14-32 AT NIGHT DUE TO RAPIDLY RISING TERRAIN AND OBSTACLES. IAW 2019 FLIGHT INSPECTION NIGHT EVAL.

RWY 32 20:1 PENETRATIONS ARE LIGHTED. NO NIGHT RESTRICTIONS APPLIED.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
 COMPUTED PROCEDURE VDA/TCH: 3.00/40. REMOVED PER FLIGHT INSPECTION.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KFIT	PROCEDURE NAME RNAV (GPS) RWY 32	AMDT NO. 1	CITY FITCHBURG	STATE MA	AIRPORT ELEVATION 345	FACILITY RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.79
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	310.12
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	12.52
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	310.22
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD
COORDINATES
(IF STR-IN)

423259.86N/0714510.52W

ARP COORDINATES

423314.72N/0714532.85W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 32 DISTANCE 0.39 NM

FAF
COORDINATES

422941.83N/0713952.48W

FIX NAME
COORDINATES

REMARKS

IAF OWLET 421832.410N/0713640.684W30 NM RADIUS
IAF TOPTO 422914.003N/0712428.571W 30 NM RADIUS
IF/IAF DESLO 422353.37N 0713035.15W 30 NM RADIUS
THLD DISPLACED 299.68FT, ACTUAL COORDINATES: 423257.95N/0714507.46W.

QUALITY
10
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> JOHN BORDY (GREG LINDSEY)	<u>OFFICE</u> AJV-A422	<u>DATE</u> 12/10/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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