

**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.

<b><u>AIRPORT</u></b> LEITCHFIELD-GRAYSON CO	<b><u>AIRPORT ID</u></b> M20	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 20	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG	<b><u>CITY</u></b> LEITCHFIELD	<b><u>STATE</u></b> KY
<b><u>AIRPORT ELEVATION</u></b> 782	<b><u>TDZE</u></b> 782	<b><u>SUPERSEDED</u></b>	<b><u>ORIGINAL/AMENDMENT</u></b> NONE	<b><u>DATED</u></b>	<b><u>MAG VAR</u></b> 4W
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 25 APRIL 2019	<b><u>REQUIRED EFFECTIVE DATE</u></b> CONCURRENT WITH DOCKET #18- ASO-10	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2020

**TAA**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>ALTITUDE</u></b>
1. 113/30 CW 293/30	NOPT	HUPDI	IF/IAF	4000
2. 293/30 CW 113/30		HUPDI	IF/IAF	4000

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
HUPDI	IF/IAF	ZEBUG		TF	FB	1.00	202.62	6.00	2400
ZEBUG	FAF	RW20	MAP	TF	FO	0.30	202.60	4.91	
RW20	MAP	1088 MSL		CA			202.60		
1088 MSL		REBBE		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW20

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT REBBE 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 HUPDI, RT, 202.62 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 202.60FAF: ZEBUGDIST FAF TO MAP: 4.91DIST FAF TO THLD: 4.91

4. MIN ALT: HUPDI 4000, ZEBUG 2400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:306 HAT: 0.79GS ANT:

6. MIN GP INCPT: 2400GP ALT AT FAF : ZEBUG 2400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 53.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: BARO-VNAV NA.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: USE ELIZABETHTOWN ALTIMETER SETTING.  
CHART NOTE: STRAIGHT-IN RWY 20 NA AT NIGHT, CIRCLING RWY 20 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART ADDINGTON FIELD AWOS-3  
CHART CIRCLING ICON.  
WAAS CHANNEL #72942  
REFERENCE PATH ID: W20A  
FAS OBST: 999 AAO 372744N/0861440W.  
HOLD SW, RT, 022.53 INBOUND  
LTP HAE: 207 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LPV DA	1088	1	306	1088	1	306	1088	1	306		NA				
LNAV/VNAV DA	1145	1	363	1145	1	363	1145	1	363		NA				
LNAV MDA	1320	1	538	1320	1	538	1320	1 1/2	538		NA				
CIRCLING	1380	1	598	1380	1	598	1380	1 1/2	598		NA				



**CHANGES - REASONS**

ORIGINAL PROCEDURE.

2/20/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/15/18:

- REQUIRED EFFECTIVE DATE CHANGED FROM DOCKET # 18-ASO-10 TO CONCURRENT WITH DOCKET # 18-ASO-10.

- AIRPORT ID IN HEADER CHANGED FROM KM20 TO M20.

**COORDINATED WITH:****A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID ARTCC, ZME ARTCC, AMGR*Digitally signed by***FLIGHT CHECKED BY**

WILLIAM RAY GEISER

**DAVID DANNER**

Feb 22, 2019

*Digitally signed by***DEVELOPED BY**

LEO PALMER

**LEO PALMER**

Feb 22, 2019

**APPROVED BY**

JULIE MORGAN

*Digitally signed by***DAVID DANNER**

Feb 22, 2019

**OFFICE**

FIOG

**DATE**

11/14/2018

**OFFICE**

AJV-A421

**DATE**

08/22/2018

**OFFICE**

AJV-A42

**DATE****TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M20
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	372417.8400N
LTP/FTP LONGITUDE	0861532.6620W
LTP/FTP ELLIPSOIDAL HEIGHT	+02070
FPAP LATITUDE	372253.2790N
FPAP LONGITUDE	0861608.2765W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	17EA3F02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02384
FPAP ORTHOMETRIC HEIGHT	+02384

