

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</u> LAKE CUMBERLAND RGNL	<u>AIRPORT ID</u> KSME	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SOMERSET	<u>STATE</u> KY	
<u>AIRPORT ELEVATION</u> 927	<u>TDZE</u> 927	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 315/30 CW 135/30	NOPT	315/15 CW 135/15		3900
1. 315/15 CW 135/15		TOOLY	IF/IAF	3600
2. 135/30 CW 315/30		135/15 CW 315/15		3900
2. 135/15 CW 315/15		TOOLY	IF/IAF	3600

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>
TOOLY	IF/IAF	JIBEX		TF	FB	1.00	044.79	6.30	3000
JIBEX	FAF	RW05	MAP	TF	FO	0.30	044.84	6.14	
RW05	MAP	1177 MSL		CA			044.84		
1177 MSL		AZLEC		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT AZLEC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW TOOLY, RT, 044.79 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 044.84

FAF: JIBEX

DIST FAF TO MAP: 6.14

DIST FAF TO THLD: 6.14

4. MIN ALT: TOOLY 3600, JIBEX 3000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.64

GS ANT:

6. MIN GP INCPT: 3000

GP ALT AT FAF : JIBEX 3000

OM:

MM:

IM:

7. GP ANGLE: 3.12

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 52.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING RWY 23 NA AT NIGHT.
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
CHART CIRCLING ICON.
CHART VDP AT 1.22 NM TO RW05*
*LNAV ONLY
WAAS CHANNEL #65941
REFERENCE PATH ID: W05A
CHART FAS OBST: 1216 TOWER 370221N/0843842W.
HOLD NE, RT, 228.02 INBOUND
LTP HAE: 248.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1200-3

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	1177	3/4	250	1177	3/4	250	1177	3/4	250	1177	3/4	250			
LNAV/VNAV DA	1547	1 3/4	620	1547	1 3/4	620	1547	1 3/4	620	1547	1 3/4	620			
LNAV MDA	1480	1	553	1480	1	553	1480	1 5/8	553	1480	1 5/8	553			
CIRCLING	1580	1	653	1700	1	773	2100	3	1173	2100	3	1173			

CHANGES - REASONS

ORIGINAL PROCEDURE



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<u>COORDINATED WITH:</u>					
A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZID, ARPT MGR					
<u>FLIGHT CHECKED BY</u> MARC JOHN HINCK		Digitally signed by DAVID TEFFETELLER Aug 21, 2018	<u>OFFICE</u> FIOG	<u>DATE</u> 08/13/2018	
<u>DEVELOPED BY</u> JAMES LAFFERTY		Digitally signed by JAMES LAFFERTY Aug 21, 2018	<u>OFFICE</u> AJV-5433	<u>DATE</u> 06/19/2018	
<u>APPROVED BY</u> PATRICK MULQUEEN		Digitally signed by DAVID TEFFETELLER Aug 21, 2018	<u>OFFICE</u> AJV-5430	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSME
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	370255.6570N
LTP/FTP LONGITUDE	0843716.3440W
LTP/FTP ELLIPSOIDAL HEIGHT	+02485
FPAP LATITUDE	370404.1025N
FPAP LONGITUDE	0843604.9475W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.12
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F71DAEEB
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02786
FPAP ORTHOMETRIC HEIGHT	+02786

