

**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> MC ALESTER RGNL	<u>AIRPORT ID</u> KMLC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> MC ALESTER	<u>STATE</u> OK	
<u>AIRPORT ELEVATION</u> 771	<u>TDZE</u> 755	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<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>
HOLLE		MASKE		TF	FB	1.00	122.75	28.45	3000
MASKE	IAF	AHAMU	NOPT	TF	FB	1.00	108.25	7.00	3000
DOMCO	IAF	AHAMU	NOPT	TF	FB	1.00	006.08	10.53	3000
AHAMU	IF/IAF	COGGS		TF	FB	1.00	018.33	5.95	2400
COGGS	FAF	RW02	MAP	TF	FO	0.30	018.35	5.07	
RW02	MAP	1171 MSL		CA			018.35		
1171 MSL		DULSE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT DULSE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S AHAMU, RT, 018.33 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 018.35 FAF: COGGS DIST FAF TO MAP: 5.07 DIST FAF TO THLD: 5.07

4. MIN ALT: AHAMU 3000, COGGS 2400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 472 HAT: 1.39 GS ANT:

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

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 42.6

8. MSA FROM: RW02 3100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 02 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.43 NM TO RW02*
*LNAV ONLY
WAAS CHANNEL #50201
REFERENCE PATH ID: W02A
CHART FAS OBST: 979 TREE 345206N/0954637W.
1099 AAO 344726N/0954825W.
HOLD N, RT, 198.43 INBOUND
LTP HAE: 196 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LPV DA	1227	1 1/8	472	1227	1 1/8	472	1227	1 1/8	472	1227	1 1/8	472			
LNAV/VNAV DA	1292	1 1/4	537	1292	1 1/4	537	1292	1 1/4	537	1292	1 1/4	537			
LNAV MDA	1240	3/4	485	1240	3/4	485	1240	1 1/8	485	1240	1 1/8	485			
CIRCLING	1360	1	589	1360	1	589	1360	1 1/2	589	1420	2	649			



CHANGES - REASONS

1. REMOVED TERMINAL ROUTE MLC VORTAC TO AHAMU - PER FPT REQUEST; MLC VORTAC BEING DECOMMISSIONED AS PART OF THE VOR MON PROGRAM.
2. REMOVED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MLC VORTAC AIRWAY RADIALS 160 CW 201 - MLC VORTAC BEING DECOMMISSIONED AS PART OF THE VOR MON PROGRAM.
3. RAISED LNAV/VNAV DA/HAT FROM 1234/479 TO 1292/537 AND LNAV/VNAV ALL CATS VISIBILITY FROM 1 1/8 SM TO 1 1/4 SM - NEW CONTROLLING OBSTACLE RAISED MINS; INCORPORATED T-NOTAM !FDC 9/6696.
4. ADDED ALTERNATE MINIMUMS NOTE: "NA WHEN LOCAL WEATHER NOT AVAILABLE" - A BACK UP ALTIMETER IS AVAILABLE AND ALTERNATE MINIMUMS ARE APPROVED.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZFW ARTCC, ST. AVIATION DIR., AMGR

FLIGHT CHECKED BY

JOEL LAPLANTE

Digitally signed by

DONALD H LANIER

Oct 24, 2019

OFFICE

FICO

DATE

10/22/19

DEVELOPED BY

DONALD H. LANIER (MYRON DEBERRY)

Digitally signed by

DONALD H LANIER

OFFICE

AJV-A431

DATE

06/12/2019

APPROVED BY

GEORGE DAVIS

Oct 24, 2019

Digitally signed by

DONALD H LANIER

Oct 24, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMLC
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	345230.6575N
LTP/FTP LONGITUDE	0954712.2125W
LTP/FTP ELLIPSOIDAL HEIGHT	+01960
FPAP LATITUDE	345354.3205N
FPAP LONGITUDE	0954634.5080W
THRESHOLD CROSSING HEIGHT (TCH)	00042.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B26228A8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02260
FPAP ORTHOMETRIC HEIGHT	+02260

