

**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> AMN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> ALMA	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 754	<u>TDZE</u> 754	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/18/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 JULY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5W
				<u>EPOCH YEAR</u> 1990
				<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>
POMPE		CIYAN		TF	FO	1.00	314.57	11.69	2600
CIYAN	IF/IAF	HAKOT		TF	FB	1.00	095.09	6.25	2000
HAKOT	FAF	HEBUS/2.00 NM TO RW09		TF	FB	0.30	095.19	1.75	
HEBUS/2.00 NM TO RW09		RW09	MAP	TF	FO	0.30	095.19	2.00	
RW09	MAP	1029 MSL		CA			095.19		
1029 MSL		CEGEE		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT CEGEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--|----------------------------|----------------|-----------------------|------------------------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD W CIYAN, RT, 095.09 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 095.19 | FAF: HAKOT | | DIST FAF TO MAP: 3.75 | DIST FAF TO THLD: 3.75 | |
| 4. MIN ALT: CIYAN 2600, HAKOT 2000, HEBUS/2.00 NM TO RW09 1440 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 275 HAT: 0.70 | GS ANT: |
| 6. MIN GP INCPT: 2000 | GP ALT AT PFAF: HAKOT 2000 | | | OM: | MM: |
| 7. GP ANGLE: 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 55.0 | | IM: |
| 8. MSA FROM: RW09 2900 | | | | | |

QUALITY
39
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MOP ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT POMPE ON V274 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOP ALTIMETER SETTING: INCREASE LPV DA TO 1071 FEET; INCREASE LNAV/VNAV DA TO 1199 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 275.43 INBOUND.
CHART FAS OBST: 871 TREE (26-143295) 431848N/0844422W.
CHART VDP AT 1.16 NM TO RW09.
WAAS CHANNEL # 90228
REFERENCE PATH ID: W09A
LTP HAE: 195.8 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	1029	1	275	1029	1	275	1029	1	275	1029	1	275			
LNAV/VNAV DA	1157	1 1/8	403	1157	1 1/8	403	1157	1 1/8	403	1157	1 1/8	403			
LNAV MDA	1160	1	406	1160	1	406	1160	1 1/8	406	1160	1 1/8	406			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED MOP VOR/DME FEEDER FROM PROCEDURE - MOP VOR/DME DECOMMISSION PER VOR MON PROGRAM.
2. TERMINAL ROUTES: CHANGED SDF TO MAP AND CA SEGMENTS COURSE FROM 095.22 TO 095.19 - COURSE ALIGNED TO FAC.
3. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM 1025 MSL TO 1029 MSL - BASED ON LPV MINS.
4. PROFILE LINE 2: ADDED MAX HOLD-IN-LIEU ALTITUDE OF 6000 - PER 8260.19K, PARA 8-6-7B(2)(A).
5. PROFILE LINE 4: CHANGED MIN ALT FROM "CIYAN 2600, HAKOT 2000, HEBUS/2.00 NM TO RW09 1440*" TO "CIYAN 2600, HAKOT 2000, HEBUS/2.00 NM TO RW09 1440" - PER 8260.19K, PARA 8-6-7D(3).
6. PROFILE LINE 5: ADDED "275 HAT: 0.70" - PER 8260.19K, PARA 8-6-7E(3).
7. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - NO 20:1 PENETRATIONS EXIST.
8. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER 8260.19K, PER 8-6-8D(2).
9. REMOVED "LNAV ONLY" FROM NOTES - NO LONGER REQUIRED.
10. CHANGED CHART NOTE FROM "BARO-VNAV NA WHEN USING MOUNT PLEASANT ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING MOP ALTIMETER SETTING" - PER 8260.19K, PARA 8-6-10E(8)&(9).
11. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOUNT PLEASANT ALTIMETER SETTING AND INCREASE ALL DA 42 FEET AND VNAV ALL CATS VISIBILITY 1/8 MILE, INCREASE ALL MDA 60 FEET, AND LNAV CAT C AND D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOP ALTIMETER SETTING: INCREASE LPV DA TO 1071 FEET; INCREASE LNAV/VNAV DA TO 1199 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C AND D 1/4 SM" - PER 8260-19K, PARA 8-6-10F(4).
12. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOP VOR/DME ON AIRWAY RADIAL 271" - MOP VOR/DME FEEDER REMOVED FROM PROCEDURE.
13. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 39°C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
14. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 275 HATH: 0.69 NM" - CURRENTY DOCUMENTED ON PROFILE LINE 5.
15. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "869 TREE 431959N/0844344W" TO "871 TREE (26-143295) 431848N/0844422W" - NEW CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.16 NM TO RW09" - PER 8260.19K, PARA 8-6-11M(2).
17. CHANGED LPV ALL CATS DA/HAT FROM 1028/275 TO 1029/275 - TDZE CHANGED FROM 753 TO 754 PER AIRNAV DATA.
18. CHANGED LNAV/VNAV ALL CATS DA/HAT FROM 1156/402 TO 1157/403 AND ALL CATS VISIBILITY FROM 1 3/8 SM TO 1 1/8 SM - TDZE CHANGED FROM 753 TO 754 PER AIRNAV DATA, PER 8260.3G, CHAPTER 3 VISIBILITY, TABLE 3-3-1.
19. CHANGED LNAV ALL CATS HAT FROM 407 TO 406 - TDZE CHANGED FROM 753 TO 754 PER AIRNAV DATA.
20. CRC REMAINDER CHANGED FROM "3A89884E" TO "E6AEEC71" - LTP/FTP COORDINATES CHANGED FROM "431922.8790N/0844145.6745W" TO "431922.8790N/0844145.7395W", FPAP COORDNIATES CHANGED FROM "431922.4700N/0843943.6100W" TO "431922.4845N/0843943.6785W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+01959" TO "+01958" AND LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+02286" TO "+02288".
21. CHANGES FROM P-NOTAM 5/6709 AND 9/5040 FOR A1A AND A1B ABBREVIATED AMENDMENTS INCORPORATED INTO FORM - REQUIRED IAW 8260.19K, 8-3-4C(3).

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: APT MGR, SAGINAW APP/DEP, ZOB ARTCC, ZMP ARTCC.

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by

APRIL T SARMENTO

Apr 16, 2026

OFFICE

AJF

DATE

04/14/2026

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

APRIL T SARMENTO

Apr 16, 2026

OFFICE

AJV-A432

DATE

12/18/2025

APPROVED BY

CASIMIR L. TABAKA

OFFICE

AJV-A432

DATE

Digitally signed by

APRIL T SARMENTO

Apr 16, 2026

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAMN
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	431922.8790N
LTP/FTP LONGITUDE	0844145.7395W
LTP/FTP ELLIPSOIDAL HEIGHT	+01958
FPAP LATITUDE	431922.4845N
FPAP LONGITUDE	0843943.6785W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E6AEEC71

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02288
FPAP ORTHOMETRIC HEIGHT	+02288

