

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 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> ALMA	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 754	<u>TDZE</u> 754	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MBS VOR/DME	IAF	OREYO	NOPT	TF	FB	1.00	272.24	26.73	2800
OREYO	IF/IAF	PAYOT		TF	FB	1.00	185.25	5.97	2400
PAYOT	FAF	KAYEL/2.02 NM TO RW18		TF	FB	0.30	185.25	3.01	
KAYEL/2.02 NM TO RW18		RW18	MAP	TF	FO	0.30	185.25	2.02	
RW18	MAP	1154 MSL		CA			185.25		
1154 MSL		OREYO		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2800 DIRECT OREYO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N OREYO, RT, 185.25 INBOUND, 2800 IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 185.25 FAF: PAYOT DIST FAF TO MAP: 5.03 DIST FAF TO THLD: 5.03
4. MIN ALT: PAYOT 2400, KAYEL/2.02 NM TO RW18 1440
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
7. GP ANGLE:
8. MSA FROM: RW18 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MBS VOR/DME AIRWAY RADIALS 212 CW 320.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOP ALTIMETER SETTING: INCREASE ALL MDAS 60 FEET AND VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 870 TREE (26-143430) 431946N/0844057W.
PAYOT TO RW18: 3.00/45.

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
LNAV MDA	1160	1	406	1160	1	406	1160	1 1/8	406		NA				

CHANGES - REASONS

1. REMOVED MOP VOR/DME FEEDER FROM PROCEDURE - MOP VOR/DME DECOMMISSION PER VOR MON PROGRAM.
2. TERMINAL ROUTES: CHANGED OREYO TO PAYOT SEGMENT TYPE FROM IF TO IF/IAF AND DISTANCE FROM 6.04 TO 5.97 - FAF RELOCATED BASED ON GPA/TCH.
3. TERMINAL ROUTES: ADDED KAYEL/2.02 NM TO RW18 SDF - PER CURRENT DOCUMENTATION STANDARDS.
4. TERMINAL ROUTES: CHANGED CA ALTITUDE FROM 1160 TO 1154 - 400FT OVER AIRPORT ELEVATION.
5. REMOVED "WP" FROM MISSED APPROACH INSTRUCTIONS - NO LONGER REQUIRED.
6. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT OREYO" TO "HOLD N OREYO, RT, 185.25 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000" - HIL ADDED TO PROCEDURE PER ATC REQUEST.
7. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.96 TO 5.03 - FAF RELOCATED BASED ON GPA/TCH.
8. PROFILE LINE 4: CHANGED MIN ALT FROM "OREYO 2800, PAYOT 2400, KAYEL/2.00 NM TO RW18 1440" TO "PAYOT 2400, KAYEL/2.02 NM TO RW18 1440" - HIL AT OREYO, SDF RELOCATED BASED ON GPA/TCH.
9. PROFILE LINE 7: CHANGED 34:1 FROM "IS CLEAR" TO "IS NOT CLEAR" AND ADDED "20:1 IS NOT CLEAR" - PENETRATIONS EXIST.
10. PROFILE LINE 8: CHANGED MSA FROM " RW18 2800" TO "RW18 2900" - NEW CONTROLLING OBSTACLE.
11. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER 8260.19K, PER 8-6-8D(2).
12. ADDED "CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - PENETRATIONS EXIST.
13. ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOP ALTIMETER SETTING: INCREASE ALL MDAS 60 FEET AND VISIBILITY CAT C 1/4 SM" - PER 8260-19K, PARA 8-6-10F(4).
14. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "855 TREE 4321091844124" TO "870 TREE (26-143430) 431946N/0844057W" - NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA: CHANGED FROM "PAYOT TO RW18: 3.04/45" TO "PAYOT TO RW18: 3.00/45" - FAF ALLIGNED TO FAC FOR 3.00 VDA.
16. ADDITIONAL FLIGHT DATA: REMOVED "FINAL SEGMENT (TF)" - DOCUMENTED IN TERMINAL ROUTES.
17. ADDITIONAL FLIGHT DATA: REMOVED "CHART VDP AT 1.12NM TO RW18" - 20:1 PENETRATIONS EXIST.
18. ADDITIONAL FLIGHT DATA: REMOVED "HOLD N, RT, 185.25 INBOUND" - MA HOLDING SAME AS HIL DOCUMENTED ON PROFILE LINE 2.
19. CHANGED ALTERNATE MINS FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - PRIMARY ALTIMETER LOCAL AND BACK-UP ALTIMETER AVAILABLE.
20. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 SM TO 1 1/8 SM - PER 8260.3G, CHAPTER 3 VISIBILITY, TABLE 3-3-1.
21. CHANGES FROM P-NOTAM 9/5042 FOR ORIG A ABBREVIATED AMENDMENT INCORPORATED INTO FORM - REQUIRED IAW 8260.19K, 8-3-4C(3).
22. TERMINAL ROUTES: ADDED "NOPT" TO FIX TYPE FOR THE MBS VOR/DME TO OREYO SEGMENT - NO PROCEDURE TURN ALLOWED PER CRITERIA.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

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

12/30/2025

APPROVED BY

CASIMIR L. TABAKA

OFFICE

AJV-A432

DATE

Digitally signed by

APRIL T SARMENTO

Apr 16, 2026

TITLE

MANAGER

