

**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.

AIRPORT ID CAD	PROCEDURE NAME RNAV (GPS) RWY 7	ORIGINAL/AMENDMENT ORIG-D	CITY CADILLAC	STATE MI
AIRPORT ELEVATION 1307	TDZE 1307	SUPERSEDED RNAV (GPS) RWY 7	DATED 12/02/2021	MAG VAR 4W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1985
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TVC VOR/DME		JIXMO		TF	FB	1.00	201.86	25.09	3600
MBL DME		JIXMO		TF	FB	1.00	093.94	22.66	3600
JIXMO	IAF	WIKAP	NOPT	TF	FB	1.00	160.15	5.00	3600
ISNEW	IAF	WIKAP	NOPT	TF	FB	1.00	340.21	5.00	3600
WIKAP	IF/IAF	GEWIZ		TF	FB	1.00	070.18	6.10	3200
GEWIZ	FAF	RW07	MAP	TF	FO	0.30	070.26	5.72	
RW07	MAP	1557 MSL		CA			070.26		
1557 MSL		TEVUY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT TEVUY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD W WIKAP, RT, 070.18 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 070.26 **FAF:** GEWIZ **DIST FAF TO MAP:** 5.72 **DIST FAF TO THLD:** 5.72
- MIN ALT:** WIKAP 3600, GEWIZ 3200
- DIST TO THLD FROM FAF:** 5.72 **MM:** **IM:** **150 HAT:** **250 HAT:** 0.63 **GS ANT:**
- MIN GP INCPT:** 3200 **GP ALT AT PFAF:** GEWIZ 3200 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.05 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 44.8
- MSA FROM:** RW07 4000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CATS A AND B.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.
 CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TVC VOR/DME AIRWAY RADIALS 138 CW 270.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 250.53 INBOUND.
 FAS OBST: 1523 AAO 441457N/0853151W.
 CHART VDP AT 1.35 NM TO RW07.
 WAAS CHANNEL # 86413
 REFERENCE PATH ID: W07A
 CHART CIRCLING ICON.
 LTP HAE: 364.8 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/2, 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	1557	3/4	250	1557	3/4	250	1557	3/4	250	1557	3/4	250			
LNAV/VNAV DA	1761	1	454	1761	1	454	1761	1	454	1761	1	454			
LNAV MDA	1780	3/4	473	1780	3/4	473	1780	1 1/8	473	1780	1 1/8	473			
CIRCLING	1820	1	513	1840	1	533	1860	1 1/2	553	2060	2 1/2	753			

CHANGES - REASONS

1. INCREASED LPV DA/HAT FROM 1507/200 TO 1557/250. – TO REMOVE NOTAM FDC 4/3748; NEW CONTROLLING OBSTACLE.
2. DECREASED CIRCLING CAT A MDA/HAT FROM 1840/533 TO 1820/513; CAT C FROM 2040/733 TO 1860/553, VISIBILITY FROM 2 TO 1 1/2. - TO MATCH RNAV (GPS) RWY 25.
3. UPDATED CA LEG ALTITUDE FROM 1507 TO 1557. – LPV DA INCREASED.
4. LINE 5: UPDATED DIST TO THLD FROM 200 HAT: 0.48 TO 250 HAT: 0.63. – LPV HAT INCREASED.
5. LINE 7: UPDATED FROM 34:1 IS CLEAR TO 34:1 IS NOT CLEAR. - 34:1 PENETRATIONS FOUND.
6. ADDED CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. – 34:1 PENETRATIONS EXIST.
7. UPDATED ADDITIONAL FLIGHT DATA: FAS OBST FROM "1500 AAO 441518N/0853021W" TO "1523 AAO 441457N/0853151W." – NEW NON-PRECISION CONTROLLING OBSTACLE.
8. FAS DATA: UPDATED VERTICAL ALERT LIMIT (VAL) FROM 35.0 TO 50.0. - LPV HAT 250 OR GREATER.
9. UPDATED CHART NOTE: FROM "INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS" TO "INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CATS A AND B." - IAW WITH INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.
10. FAS DATA: UPDATED FPAP LAT/LONG FROM 441658.0940N/0852357.4225W TO 441658.0945N/0852357.4265W. - NEW AIRNAV DATA INCORPORATED.
11. FAS DATA: UPDATED CRC REMAINDER FROM A19F886A TO E9F4ECEA. - FPAP LAT/LONG UPDATED.



AIRPORT ID
CAD

PROCEDURE NAME
RNAV (GPS) RWY 7

ORIGINAL/AMENDMENT
ORIG-D

CITY
CADILLAC

STATE
MI

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZMP, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

ROBERT G HAMILTON

Mar 19, 2025

OFFICE

AJF

DATE

03/18/2025

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Feb 25, 2025

OFFICE

AJV-A432

DATE

12/17/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Feb 25, 2025

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	KCAD
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	441622.3715N
LTP/FTP LONGITUDE	0852551.0440W
LTP/FTP ELLIPSOIDAL HEIGHT	+03648
FPAP LATITUDE	441658.0945N
FPAP LONGITUDE	0852357.4265W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.05
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER E9F4ECEA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03982
FPAP ORTHOMETRIC HEIGHT	+03982

