

**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> KMDD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MIDLAND	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 2805	<u>TDZE</u> 2801	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 248/30 CW 068/30	NOPT	UMCEJ	IF/IAF	4700
2. 068/30 CW 248/30		UMCEJ	IF/IAF	5100

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-15

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UMCEJ	IF/IAF	HIBMA		TF	FB	1.00	337.96	7.00	4500
HIBMA	FAF	CEXOM/2.60 NM TO RW34		TF	FB	0.30	337.94	2.62	
CEXOM/2.60 NM TO RW34		RW34	MAP	TF	FO	0.30	337.94	2.60	
RW34	MAP	3051 MSL		CA			337.94		
3051 MSL		ZEBIB		DF	FO	1.00			4500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT ZEBIB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S UMCEJ, RT, 337.96 INBOUND, 4700 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC:

337.94

FAF: HIBMA

DIST FAF TO MAP: 5.22

DIST FAF TO THLD: 5.22

4. MIN ALT: UMCEJ 4700, HIBMA 4500, CEXOM/2.60 NM TO RW34 3660*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

4500

GP ALT AT FAF :

HIBMA 4500

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS NOT CLEAR

20:1:

IS CLEAR

TCH:

40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:


CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 

CHART NOTE: BARO-VNAV NA WHEN USING MIDLAND INTL ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C OR ABOVE 54°C.

CHART NOTE: VDP NA WITH MIDLAND INTL ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE LPV DA TO 3078 AND LNAV/VNAV DA TO 3262; INCREASE ALL MDAS 40 FEET AND LNAV/VNAV VISIBILITY 1/8 SM ALL CATS

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 157.90 INBOUND.

CHART FAS OBST: 3135 TOWER 315949N/1020444W.

CHART VDP AT 1.77 NM TO RW34*

*LNAV ONLY.

WAAS CHANNEL # 58029

REFERENCE PATH ID: W34A

CHART CIRCLING ICON.

LTP HAE: 827.8 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	3051	7/8	250	3051	7/8	250		NA			NA				
LNAV/VNAV DA	3235	1 1/4	434	3235	1 1/4	434		NA			NA				
LNAV MDA	3400	1	599	3400	1	599		NA			NA			QUALITY 24 CHECKED	
CIRCLING	3400	1	595	3400	1	595		NA			NA				

CHANGES - REASONS

CHANGES FROM P-NOTAM FOR ORIG-A INCORPORATED INTO FORM.

1. INCREASED LNAV/VNAV DA FROM 3071/HAT 270 TO 3235/HAT 434-TO CANCEL FDC NOTAM 9/1305 FOR NEW CONTROLLING OBSTRUCTION.
2. UPDATED LNAV/VNAV VISIBILITY FROM 7/8 SM TO VIS 1 1/4 SM- UPDATED DA TO CANCEL FDC NOTAM 9/1305.
3. REVISED BACKUP ALTIMETER NOTE TO READ: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE LPV DA TO 3078 AND LNAV/VNAV DA TO 3262; INCREASE ALL MDAS 40 FEET AND LNAV/VNAV VISIBILITY 1/8 SM ALL CATS - UPDATED LNAV/VNAV DA TO CANCEL TO CANCEL FDC NOTAM 9/1305.
4. DELETED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA -TO CANCEL FDC NOTAM 9/1305 FOR UPDATED DOCUMENTATION CRITERIA.
5. ADDED CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED-TO CANCEL FDC NOTAM 9/1305 FOR UPDATED DOCUMENTATION CRITERIA.
6. DELETED NOTE:DME/DME RNP-0.3 NA.-UPDATED DOCUMENTATION CRITERIA.
7. ADDED PBN REQUIREMENT NOTE: RNP APCH- UPDATED DOCUMENTATION CRITERIA.
8. ADDED CHART CIRCLING ICON-UPDATED CIRCLING RADIUS.
9. DELETED NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C (-4°F) OR ABOVE 54°C (130°F) - UPDATED DOCUMENTATION CRITERIA.
10. ADDED CHART NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C - UPDATED DOCUMENTATION CRITERIA.
11. UPDATED CRC REMAINDER FROM BE68B52E TO 3FE37F4C- FPAP L/L UPDATED FROM 320306.9300N/1020624.8100W TO 320306.9280N/1020624.7929W.
12. UPDATED MAX HOLDING AT ZEBIB TO 14000-DOCUMENTATION UPDATE.

6/30/2021: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 10/20/2020

1. ADDED "SM" TO HELICOPTER VIS REDUCTION NOTE.

A4A ☒ ALPA ☐ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR**COORDINATED WITH:****FLIGHT CHECKED BY**

DARRYL J WILSON

*Digitally signed by***MARK D ADAMS**

Jun 30, 2021

OFFICE

FICO

DATE

04/20/2021

DEVELOPED BY

JOHN HAZELTON

*Digitally signed by***JOHN HAZELTON**

Jan 12, 2021

OFFICE

AJV-A412

DATE

10/20/2020

APPROVED BY

JULIE MORGAN

*Digitally signed by***MARK D ADAMS**

Jun 30, 2021

OFFICE

AJV-A410

DATE**TITLE
MANAGER**

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMDD
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	320140.7095N
LTP/FTP LONGITUDE	1020557.5490W
LTP/FTP ELLIPSOIDAL HEIGHT	+08278
FPAP LATITUDE	320306.9280N
FPAP LONGITUDE	1020624.7925W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3FE37F4C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+08524
FPAP ORTHOMETRIC HEIGHT	+08524

