

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
HDE	VOR-A	3C	HOLDREGE	NE	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
2314		VOR-A	04/23/2020	5E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
EAR			ROUTINE		

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>
EAR VOR	IAF	SAILS/I-EAR 11.95 DME					217.35	11.40	3800
SAILS/I-EAR 11.95 DME	IF	GABEE/I-EAR 17.97 DME					217.35	6.03	3400

MISSED APPROACH

MAP:

MAGRY/22.53 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3900 ON EAR VOR R-217 TO GABEE/I-EAR 17.9

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, 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
CIRCLING	3100	1	786	3100	1	786	3100	2 1/4	786	3100	2 1/2	786			

CHANGES - REASONS

1. AIRPORT ELEVATION: UPDATED FIELD ELEVATION FROM 2313 TO 2314 – UPDATED AIRNAV DATA
2. MINIMUMS: CHANGED HAA VALUE FROM 787 TO 786 – AIRPORT ELEVATION CHANGED.
3. NOTES: BACK-UP ALTIMETERS NOTE: CHANGED LOCATION REFERENCE FROM KEARNEY TO EAR – NEW DOCUMENTATION STANDARDS.
4. NOTES: ADDED CHART NOTE: CIRCLING NA TO RWYS 11 AND 29 – RWY 11/29 IS A TURF RWY.
5. MISSED APPROACH: CHANGED THE MISSED APPROACH INSTRUCTION TO ADD CLIMB IN HOLD VERBIAGE – CIH REQUIRED AS PER TARGETS EVAL.
6.ADDITIONAL FLIGHT DATA: CHANGED CHART PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS ON EAR VOR AIRWAY RADIAL 227” TO “PROCEDURE NA FOR ARRIVALS AT EAR VOR ON V220 NORTHEAST BOUND” – EAR R-227 IS NOT ON V220, UPDATED TO CORRECT NOTE.
7. ADDITIONAL FLIGHT DATA: CHANGED BACK UP ALTIMETER NOTE FROM “AND INCREASE ALL VISIBILITIES 1/4 SM” TO “AND ALL VISIBILITIES 1/4 SM” – IAW .19J 8-6-10, E.

COORDINATED WITH:

A4A☐

ALPA

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
HDE	VOR-A	3C	HOLDREGE	NE	2314	EAR

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM EAR VOR **TO** SAILS/I-EAR 11.95 DME

<u>RNP</u>	<u>DISTANCE</u> 11.40	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (31-000950)	404238.00N/0990751.00W	2611	500	50	5D	1000					3700
TERRAIN	404230.00N/0990803.00W	2307 (2300)								AS1500	3800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM SAILS/I-EAR 11.95 DME **TO** GABEE/I-EAR 17.97 DME

FINAL

FROM

GABEE/17.97 DME

TO

MAGRY/22.53 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
	4.56		MAGRY/22.53 DME								
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	403039.00N/0991839.00W	2474	215	8	4B	250				XP376	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

TO MAINTAIN PUBLISHED MINS.

MISSED APPROACH

FROM

MAGRY/22.53 DME

TO

GABEE/17.97 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
					2850						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3900
TOWER (31-000073)	403057.00N/0992346.00W	2636	100	20	3C						

AIRPORT ID

HDE

PROCEDURE NAME

VOR-A

AMDT NO.

3C

CITY

HOLDREGE

STATE

NE

AIRPORT ELEVATION

2314

FACILITY

EAR

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (31-048010)	402615.05N/0992152.99W	1.33	786	2512	20	10	1B	300		XP288	3100
CATEGORY B											
TOWER (31-001125)	402604.10N/0992226.50W	1.89	786	2514	250	50	4D	300		XP236 AC50	3100
CATEGORY C											
TOWER (31-000048)	402704.00N/0992354.00W	2.98	786	2656	250	50	4D	300		XP94 AC50	3100
CATEGORY D											
TOWER (31-000048)	402704.00N/0992354.00W	3.89	786	2656	250	50	4D	300		XP94 AC50	3100

CIRCLING REMARKS:

TO MAINTAIN PUBLISHED MINS.

MSA

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDV ARTCC, OLU FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> HDE	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> HDE	<u>DISTANCE</u> 0.13	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> EAR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> EAR	<u>DISTANCE</u> 22.33	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 77

WX REMARKS:

RASS (PRESSURE PATTERNS SAME)
KHDE 2314
KEAR 2132
RA = 76.90

<u>PRIMARY NAVAID</u> EAR VOR	<u>MONITOR POINT</u> BUFFALO COUNTY LAW ENFORCEMMENT CTR	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW29		
RW11		
RW18 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW36 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)	NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
60 FT MAX VEGETATION HEIGHT USED PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 2474 AAO 403039N/0991839W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	4.56
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.74
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	222.35
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2300
DISTANCE FROM	MAP	TO 1500FT POINT	4.32
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	2.52
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	222.35
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2300

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	402706.51N/
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