

**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</u> GREGORY MUNI - FLYNN FLD	<u>AIRPORT ID</u> 9D1	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> GREGORY	<u>STATE</u> SD	
<u>AIRPORT ELEVATION</u> 2175	<u>TDZE</u> 2170	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 11/07/2019	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
LESNR	IAF	HAIRY	NOPT	TF	FB	1.00	129.72	10.61	4100
LKOTA	IAF	HAIRY	NOPT	TF	FB	1.00	066.01	20.99	4100
HAIRY	IF/IAF	VECLU		TF	FB	1.00	127.39	6.50	3800
VECLU	FAF	RW13	MAP	TF	FO	0.30	127.46	4.99	
RW13	MAP	2575 MSL		CA			127.46		
2575 MSL		ZAMSU		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT ZAMSU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW HAIRY, RT, 127.39 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 127.46

FAF: VECLU

DIST FAF TO MAP: 4.99

DIST FAF TO THLD: 4.99

4. MIN ALT: HAIRY 4100, VECLU 3800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: RW13 3900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LESNR ON T285 SOUTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LKOTA ON T281 SOUTHBOUND.  
CHART NOTE: USE WINNER ALTIMETER SETTING; WHEN NOT RECEIVED, USE AINSWORTH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE LNAV CAT B VISIBILITY 1/4 SM AND CAT D VISIBILITY 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART WINNER ASOS  
VECLU TO RW13: 3.00/40.  
CHART FAS OBST: 2491 TOWER 431456N/0992612W.  
HOLD SE, RT, 307.67 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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	2820	1	650	2820	1	650	2820	1 7/8	650		NA				

CHANGES - REASONS

1. INCORPORATED P-NOTAM 9/5673, AMDT ORIG-B.  
2. INCORPORATED P-NOTAM 4/2513, AMDT ORIG-A.  
3. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - NO 20:1'S EXIST.  
4. AMENDED ISD VOR (IAF) TO LESNR IN TERMINAL ROUTES - VORMON DECOMMISSIONING OF ISD VORTAC.  
5. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON ISD VOR AIRWAY RADIALS 041 CW 134" TO "PROCEDURE NA FOR ARRIVALS AT LESNR ON T285 SOUTHWEST BOUND" - VORMON DECOMMISSIONING OF ISD VORTAC. ISD VORTAC CHANGED TO LESNR WP.  
6. DELETED CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT - 20:1 PENETRATIONS NO LONGER EXIST.  
7. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19H PARA 8-6-7.B.  
8. CHANGED NOTE FROM "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 20:1 PENETRATIONS REMOVED.
- QUALITY  
29  
CHECKED

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE****DATE**

*Digitally signed by*

**DEVELOPED BY**

DONALD H. LANIER (EBONY HAMILTON)

*Digitally signed by*

**DONALD H LANIER**

**DONALD H LANIER**

Jan 13, 2020

**OFFICE**

AJV-A431

**DATE**

11/13/2019

**APPROVED BY**

GEORGE DAVIS

Jan 13, 2020

*Digitally signed by*

**DONALD H LANIER**

Jan 13, 2020

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER