

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> GRENADA MUNI	<u>AIRPORT ID</u> KGNF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> GRENADA	<u>STATE</u> MS
<u>AIRPORT ELEVATION</u> 208	<u>TDZE</u> 208	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/17/2015	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 041/30 CW 221/30	NOPT	WUKNA	IF/IAF	3000
2. 221/30 CW 041/30	PT	WUKNA	IF/IAF	3000

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>
WUKNA	IF/IAF	ODNOW		TF	FB	1.00	130.72	6.00	1900
ODNOW	FAF	CUVID/2.50 NM TO RW13		TF	FB	0.30	130.77	2.64	
CUVID/2.50 NM TO RW13		RW13	MAP	TF	FO	0.30	130.77	2.50	
RW13	MAP	453 MSL		CA			130.77		
453 MSL		ODPOF		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ODPOF AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
41
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW WUKNA, RT, 130.72 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 130.77

FAF: ODNOW

DIST FAF TO MAP: 5.14

DIST FAF TO THLD: 5.14

4. MIN ALT: WUKNA 3000, ODNOW 1900, CUVID/2.50 NM TO RW13 1040*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

245 HAT: 0.60

GS ANT:

6. MIN GP INCPT: 1900

GP ALT AT FAF : ODNOW 1900

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.3

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GREENWOOD ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING: INCREASE ALL DAS 65 FEET; INCREASE ALL MDAS 80 FEET AND VISIBILITY LNAV CATS C AND D AND CIRCLING ALL CATS 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING GREENWOOD ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM AND LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.32 NM TO RW13*
*LNAV ONLY
WAAS CHANNEL #97328
REFERENCE PATH ID: W13A
CHART FAS OBST: 381 TREE 335121N/0894859W.
CHART: 428 TREE 335224N/0895045W, 406 TREE 335203N/0895115W.
HOLD SE, RT, 310.94 INBOUND
LTP HAE: 36.7 M

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
LPV DA	453	1/2	245	453	1/2	245	453	1/2	245	453	1/2	245			
LNAV/VNAV DA	666	1 1/8	458	666	1 1/8	458	666	1 1/8	458	666	1 1/8	458			
LNAV MDA	680	1/2	472	680	1/2	472	680	1	472	680	1	472			
CIRCLING	1000	1	792	1000	1	792	1000	2 1/4	792	1060	2 3/4	852			

QUALITY
41
CHECKED

CHANGES - REASONS

- 1. MISSED APPROACH ALTITUDE CHANGED FROM 2100 TO 3000 - ATC RADIO COMMUNICATIONS UNSATISFACTORY BELOW 3000.
- 2. PROFILE SECTION, LINE 2, ADDED MAXIMUM HOLDING ALTITUDE - CURRENT DOCUMENTATION POLICY.
- 3. PROFILE SECTION, LINE 7, ADDED "20:1 IS CLEAR" - CURRENT DOCUMENTATION POLICY.
- 4. REMOVED FAHRENHEIT VALUES FROM BARO-VNAV NOTE - CURRENT DOCUMENTATION POLICY.
- 5. REPLACED DME/DME NOTE WITH PBN REQUIREMENTS NOTE - CURRENT DOCUMENTATION POLICY.
- 6. INOP NOTE, CHANGED FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILES, AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILES" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM" - RECALCULATION.
- 7. BACKUP ALTIMETER NOTE, CHANGED FROM "...INCREASE ALL DA/MDA 80 FT, AND ALL VISIBILITIES 1/4 MILE" TO "...INCREASE ALL DAS 65 FEET; INCREASE ALL MDAS 80 FEET AND VISIBILITY LNAV CATS C AND D AND CIRCLING ALL CATS 1/4 SM" - RECALCULATION.
- 8. ADDED INOP NOTE WITH BACKUP ALTIMETER SETTING - NON-STANDARD INCREASES.
- 9. REMOVED NIGHT LANDING NA NOTE - RUNWAY 4/22 IS UNLIT AND THEREFORE DOES NOT REQUIRE A NOTE.
- 10. ADDED CIRCLING ICON - UPDATED CIRCLING AREAS TO CURRENT SIZES.
- 11. CIRCLING CAT D MDA-VIS-HAA CHANGED FROM 1000 - 2 1/2 - 792 TO 1060 - 2 3/4 - 852 - NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, AIRPORT MANAGER

FLIGHT CHECKED BY

JAMES L REINBOLD JR

Digitally signed by

DAVID DANNER

Oct 03, 2018

OFFICE

FICO

DATE

9/22/18

DEVELOPED BY

RUSS ROSLEWSKI

Digitally signed by

RUSSELL ROSLEWSKI

Aug 29, 2018

OFFICE

AJV-5421

DATE

08/07/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER

Oct 03, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGNF
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	335029.1450N
LTP/FTP LONGITUDE	0894830.7065W
LTP/FTP ELLIPSOIDAL HEIGHT	+00367
FPAP LATITUDE	334929.6315N
FPAP LONGITUDE	0894710.9900W
THRESHOLD CROSSING HEIGHT (TCH)	00055.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	63952573

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00633
FPAP ORTHOMETRIC HEIGHT	+00633

