

**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> KGBG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> GALESBURG	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 764	<u>TDZE</u> 764	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MZV VOR/DME		ZOLAD		TF	FB	1.00	122.08	15.56	3000
BDF VORTAC		FAMEM		TF	FB	1.00	269.12	27.95	3000
FAMEM	IAF	EJIYU	NOPT	TF	FB	1.00	255.32	5.00	3000
ZOLAD	IAF	EJIYU	NOPT	TF	FB	1.00	165.23	5.00	3000
EJIYU	IF/IAF	ZOXYO		TF	FB	1.00	210.25	6.00	2500
ZOXYO	FAF	XUNVY/2.60 NM TO RW21		TF	FB	0.30	210.21	2.68	
XUNVY/2.60 NM TO RW21		RW21	MAP	TF	FO	0.30	210.21	2.60	
RW21	MAP	1700 MSL		CA			210.21		
1700 MSL		EJIYU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT EJIYU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD NE EJIYU, RT, 210.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 210.21 **FAF:** ZOXYO **DIST FAF TO MAP:** 5.28 **DIST FAF TO THLD:** 5.28
- 4. **MIN ALT:** EJIYU 3000, ZOXYO 2500, XUNVY/2.60 NM TO RW21 1640
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.46 **GS ANT:**
- 6. **MIN GP INCPT:** 2500 **GP ALT AT PFAF :** ZOXYO 2500 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 54.6
- 8. **MSA FROM:** RW21 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MZV VOR/DME AIRWAY RADIALS 077 CW 195.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BDF VORTAC AIRWAY RADIALS 198 CW 282.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 899 TREE 405839N/0902434W.
 CHART VDP AT 1.07 NM TO RW21.
 WAAS CHANNEL # 50428
 REFERENCE PATH ID: W21A
 CHART CIRCLING ICON.
 LTP HAE: 199.9 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	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	964	3/4	200	964	3/4	200	964	3/4	200	964	3/4	200			
LNAV/VNAV DA	1060	7/8	296	1060	7/8	296	1060	7/8	296	1060	7/8	296			
LNAV MDA	1160	1	396	1160	1	396	1160	1 1/8	396	1160	1 1/8	396			
CIRCLING	1220	1	456	1220	1	456	1380	1 3/4	616	1620	2 3/4	856			



CHANGES - REASONS

- THIS AMENDMENT INCORPORATES PREVIOUS CHANGES MADE BY P-NOTAM.
- ALL HEADINGS CHANGED BY +5 DEGREES - MAGVAR UPDATED FROM 3E TO 2W.
- CIRCLING CAT C MDA/HAA/VIS CHANGED FROM 1220/456/1 1/2 TO 1380/616/1 3/4 AND CAT D FROM 1340/576/2 TO 1620/856/2 3/4 - 8260.3 NEW CIRCLING CRITERIA APPLIED AND TNOTAM 0/6685.
- ADDED "CHART CIRCLING ICON" TO MEET NEW CIRCLING CRITERIA - 8260.19I.
- CHANGED PBN REQUIREMENTS NOTE FROM DME/DME RNP-0.3 NA TO RNP APCH - GPS - 8260.19I.
- REMOVED F VALUES FROM UNCOMPENSATED BARO-VNAV SYSTEMS NOTE - 8260.19I.
- MOVED BACK-UP ALTIMETER NOTE TO PART C: GENERAL REMARKS - ALTIMETERS ON WMSCR.
- REMOVED "CIRCLING TO RWY 10 NA AT NIGHT" - RWY 10 20:1 SURFACE CLEAR AND TNOTAM 0/6685.
- ADDED 20:1 IS CLEAR - 8260.19I.
- UPDATED ALTERNATE MINIMUMS FROM "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE." - UPDATED MINIMUMS AND TNOTAM 0/6685.
- BARO-VNAV NOTE HIGH TEMPERATURE CHANGED FROM 39C TO 54C - UPDATED EVALUATION.

03/14/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/01/22.

- 1. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, MLI APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021,
SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DATE

JASON KRETSCHMER

Mar 14, 2022

DEVELOPED BY

CHARLES THIBODEAUX

Digitally signed by

CHARLES J THIBODEAUX

Mar 14, 2022

OFFICE

AJV-A421

DATE

10/28/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Mar 14, 2022

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGBG
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	405641.6915N
LTP/FTP LONGITUDE	0902535.7290W
LTP/FTP ELLIPSOIDAL HEIGHT	+01999
FPAP LATITUDE	405523.0905N
FPAP LONGITUDE	0902631.2205W
THRESHOLD CROSSING HEIGHT (TCH)	00054.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	9E32BB7C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02330
FPAP ORTHOMETRIC HEIGHT	+02330

