

**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 3	<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SUPERSEDED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 3	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 01/05/2017	<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
PIA VORTAC		UYEKU		TF	FB	1.00	270.12	33.31	3000
BRL VOR/DME		XUMOH		TF	FB	1.00	089.74	11.91	3000
XUMOH	IAF	IQOCI	NOPT	TF	FB	1.00	075.01	5.00	3000
UYEKU	IAF	IQOCI	NOPT	TF	FB	1.00	345.10	6.00	3000
IQOCI	IF/IAF	JISIS		TF	FB	1.00	030.08	6.00	2700
JISIS	FAF	CUVKI/2.50 NM TO RW3		TF	FB	0.30	030.12	3.44	
CUVKI/2.50 NM TO RW3		RW3	MAP	TF	FO	0.30	030.12	2.50	
RW3	MAP	964 MSL		CA			030.12		
964 MSL		EJIYU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW3

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EJIYU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD SW IQOCI, RT, 030.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 030.12 **FAF:** JISIS **DIST FAF TO MAP:** 5.94 **DIST FAF TO THLD:** 5.94
- 4. **MIN ALT:** IQOCI 3000, JISIS 2700, CUVKI/2.50 NM TO RW3 1600
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
- 6. **MIN GP INCPT:** 2700 **GP ALT AT PFAF :** JISIS 2700 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.0
- 8. **MSA FROM:** RW03 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 NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY TO 7/8 ALL CATS AND LNAV CATS C/D TO 1 SM.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 230 CW 329.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 015 CW 161.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 210.25 INBOUND.
 CHART FAS OBST: 879 TREE 405404N/0902653W.
 CHART VDP AT 1.03 NM TO RW03.
 WAAS CHANNEL # 93629
 REFERENCE PATH ID: W03A
 CHART CIRCLING ICON.
 LTP HAE: 197 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	1/2	200	964	1/2	200	964	1/2	200	964	1/2	200			
LNAV/VNAV DA	1060	1/2	296	1060	1/2	296	1060	1/2	296	1060	1/2	296			
LNAV MDA	1140	1/2	376	1140	1/2	376	1140	5/8	376	1140	5/8	376			
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 0/6690.
- 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 0/6690.
- UPDATED VDP FROM 1.04 TO 1.03NM TO RW03 - UPDATED EVALUATION.
- CHANGED 200 HAT FROM 0.45 NM TO 0.48 - UPDATED EVALUATION.
- UPDATED INOPERATIVE ALS NOTE FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV VISIBILITY TO 7/8 ALL CATS." TO FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY TO 7/8 ALL CATS AND LNAV CATS C/D TO 1 SM." - 8260.3E CALCULATIONS AND TNOTAM 0/6690.
- 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 0/6690.
- BARO-VNAV NOTE HIGH TEMPERATURE CHANGED FROM 39C TO 54C - UPDATED EVALUATION .

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 01, 2022

DEVELOPED BY

CHARLES THIBODEAUX

Digitally signed by

CHARLES J THIBODEAUX

Feb 23, 2022

OFFICE

AJV-A421

DATE

08/25/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Mar 01, 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	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	405551.2445N
LTP/FTP LONGITUDE	0902611.3525W
LTP/FTP ELLIPSOIDAL HEIGHT	+01970
FPAP LATITUDE	405709.8400N
FPAP LONGITUDE	0902515.8500W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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	F533AF85

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02300
FPAP ORTHOMETRIC HEIGHT	+02300

