

**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> 3GV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> GRAIN VALLEY	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 835	<u>TDZE</u> 818	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 358/30 CW 178/30	NOPT	GIRFA	IF/IAF	3100
2. 178/30 CW 358/30		GIRFA	IF/IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GIRFA	IF/IAF	YICHO		TF	FB	1.00	088.12	6.00	2600
YICHO	FAF	ZULSA/2.70 NM TO RW09		TF	FB	0.30	088.20	1.67	
ZULSA/2.70 NM TO RW09		RW09	MAP	TF	FO	0.30	088.20	2.70	
RW09	MAP	1235 MSL		CA			088.20		
1235 MSL		GOKLY		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT GOKLY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD W GIRFA, RT, 088.12 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 088.20 **FAF:** YICHO **DIST FAF TO MAP:** 4.37 **DIST FAF TO THLD:** 4.37
- 4. **MIN ALT:** GIRFA 3100, YICHO 2600, ZULSA/2.70 NM TO RW09 1920
- 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 NOT CLEAR **TCH:**
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: USE CHARLES B WHEELER DOWNTOWN ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CHARLES B WHEELER DOWNTOWN ASOS-3.
 HOLD E, RT, 268.41 INBOUND.
 CHART FAS OBST: 1079 TREE 390020N/0941543W.
 CHART 1152 POLE 390059N/0941644W.
 CHART CIRCLING ICON.
 YICHO TO RW09: 3.77/32.

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												
LNAV MDA	1400	1	582	1400	1	582		NA			NA				
CIRCLING	1460	1	625	1460	1	625		NA			NA				

CHANGES - REASONS

- 1. ADDED MAX 6000 TO PROFILE LINE 2 - IAW 8260.19I 8-6-7B(2).
- 2. ADDED 20:1 IS NOT CLEAR TO PROFILE LINE 7 - NO SURVEY, 20:1 OBST ASSUMED.
- 3. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I, 8-6-8B(1) AND MEMO ATTACHMENT 5(3).
- 4. REMOVED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - VGSI REMOVED 9/28/2020, CANCELS NOTAM 9/365.
- 5. CHANGED CHART NOTE: FROM HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11K(3).
- 6. ADDED "CHART CHARLES B WHEELER DOWNTOWN ASOS-3" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-2-4B(3).



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** MCI APP CON, MKC ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

DEVELOPED BY

DONALD H. LANIER (RICHARD CHRISTENSEN)

Digitally signed by
DONALD H LANIER

DONALD H LANIER

Feb 17, 2021

OFFICE

AJV-A431

DATE

12/31/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER

Feb 17, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Feb 17, 2021

