

**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.

AIRPORT GOLDEN TRIANGLE RGNL	AIRPORT ID KGTR	PROCEDURE NAME RNAV (GPS) RWY 36	ORIGINAL/AMENDMENT 1B	CITY COLUMBUS/W POINT/STARKVILLE	STATE MS	
AIRPORT ELEVATION 264	TDZE 261	SUPERSEDED RNAV (GPS) RWY 36	ORIGINAL/AMENDMENT 1A	DATED 08/17/2017	MAG VAR 2W	EPOCH YEAR 2015
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 20 JUNE 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 272/30 CW 092/30	NOPT	DIXVU	IF/IAF	3000
2. 092/30 CW 272/30		DIXVU	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DIXVU	IF/IAF	BAWMO		TF	FB	1.00	002.47	6.25	2000
BAWMO	FAF	JAKVU/2.70 NM TO RW36		TF	FB	1.00	002.47	2.65	
JAKVU/2.70 NM TO RW36		RW36	MAP	TF	FO	0.30	002.47	2.70	
RW36	MAP	461 MSL		CA			002.47		
461 MSL		HUYKA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HUYKA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD S DIXVU, RT, 002.47 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 002.47 **FAF:** BAWMO **DIST FAF TO MAP:** 5.35 **DIST FAF TO THLD:** 5.35
- 4. **MIN ALT:** DIXVU 3000, BAWMO 2000, JAKVU/2.70 NM TO RW36 1140*
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** 2000 **GP ALT AT FAF :** BAWMO 2000 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 42.4
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS AFB ALTIMETER SETTING: INCREASE LPV DA TO 500 FT, LNAV/VNAV DA TO 593 FT AND LNAV/VNAV VISIBILITY 1/8 SM; INCREASE ALL MDAS 40 FT.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLUMBUS AFB ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART KM83
 CHART R-4404A/B/C
 CHART A-440
 CHART KCBM
 CHART VDP AT 1.04 NM TO RW36*
 *LNAV ONLY
 WAAS CHANNEL #99600
 REFERENCE PATH ID: W36A
 CHART FAS OBST: 372 TREE 332412N/0883608W.
 HOLD N, RT, 182.47 INBOUND
 LTP HAE: 48.7 M



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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	461	3/4	200	461	3/4	200	461	3/4	200	461	3/4	200	461	3/4	200
LNAV/VNAV DA	554	7/8	293	554	7/8	293	554	7/8	293	554	7/8	293	554	7/8	293
LNAV MDA	640	1	379	640	1	379	640	1 1/8	379	640	1 1/8	379	640	1 1/8	379
CIRCLING	760	1	496	760	1	496	960	2	696	960	2 1/4	696	960	2 1/2	696

CHANGES - REASONS

1. CHANGES FROM P-NOTAM FOR AMDT 1A INCORPORATED INTO FORM - IAW 8260.19H PARA 8-3-4C(3).
2. REMOVED FAHRENHEIT TEMPERATURES FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15 DEG C OR ABOVE 54 DEG C - NOT REQUIRED, IAW 8260.19H.8-6-9.S.
3. UPDATED LNAV/VNAV DA AND HAT FOR ALL CATS FROM DA 528/HAT 267 TO DA 554/HAT 293 - NEW EVALUATION YIELDED HIGHER PENETRATION VALUE WITH SAME OBSTACLE; INCORPORATED NOTAM FDC 8/1091.
4. UPDATED SECONDARY ALTIMETER "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS AFB ALTIMETER SETTING: INCREASE LPV DA TO 500 FT, LNAV/VNAV DA TO 567 FT AND LNAV/VNAV VISIBILITY 1/4 SM; INCREASE ALL MDAS 40 FT" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS AFB ALTIMETER SETTING: INCREASE LPV DA TO 500 FT, LNAV/VNAV DA TO 593 FT AND LNAV/VNAV VISIBILITY 1/8 SM; INCREASE ALL MDAS 40 FT" - NEW VIS CHECK COMPLETED; INCORPORATED NOTAM FDC 8/1091.
5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH IN PBN EQUIPMENT REQUIREMENT NOTES - UPDATE TO CURRENT CRITERIA IAW 8260.19H 8-6-8.B.(1).
6. ADDED 20:1: IS CLEAR IN PROFILE SECTION - UPDATE TO CURRENT CRITERIA IAW 8260.19H.8-6-7.G.(3).
7. ADDED MAX HOLDING 6000 AT DIXVU TO PROFILE SECTION - UPDATE TO CURRENT CRITERIA IAW 8260.19H PARA 8-6-7.B.(2).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZME, CBM APP CON, GTR ATCT, 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

CASIMIR L TABAKA

OFFICE

DATE

Mar 13, 2019

AJV-A422

02/08/2019

DEVELOPED BY

CASIMIR L. TABAKA (MADELINE CLARK)

Digitally signed by

CASIMIR L TABAKA

Mar 13, 2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Mar 13, 2019

OFFICE

AJV-A42

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGTR
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	332614.1750N
LTP/FTP LONGITUDE	0883529.3970W
LTP/FTP ELLIPSOIDAL HEIGHT	+00487
FPAP LATITUDE	332743.4400N
FPAP LONGITUDE	0883528.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B3D18BE0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00771
FPAP ORTHOMETRIC HEIGHT	+00771

