

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> KGTR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> COLUMBUS/W POINT/STARKVILLE	<u>STATE</u> MS		
<u>AIRPORT ELEVATION</u> 264	<u>TDZE</u> 264	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/08/2015	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 092/30 CW 272/30	NOPT	092/13 CW 272/13		4000
2. 092/13 CW 272/13		HUYKA	IF/IAF	3000
3. 272/30 CW 092/30		HUYKA	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HUYKA	IF/IAF	KEKWO		TF	FB	1.00	182.47	6.25	2000
KEKWO	FAF	RW18	MAP	TF	FO	0.30	182.47	5.28	
RW18	MAP	800 MSL		CA			182.47		800
800 MSL		HUYKA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HUYKA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. PROFILE LINE 5 200 HAT CHANGED FROM 0.45 TO 0.46.- UPDATED CALCULATIONS.
2. REMOVED *LNAV ONLY FROM PROFILE LINE 4.- 8260.19I, 8-6-10.M.
3. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" TO PBN REQUIREMENTS NOTE.- 8260.19I, 8-6-8.B (2).
4. CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)." TO " CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C." - 8260.19I, 8-6-9.R.
5. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7.- IAW 8260.19I, 8-6-7.G (3).
6. ADDED "MAX 6000" TO PROFILE LINE 2.- 8260.19I, 8-6-7.B (2).
7. FAS OBST CHANGED FROM 409 AAO 333048N/0883444W TO 419 AAO 333049N/0883444W.- UPDATED OBSTACLE EVALUATION.
8. CHANGED CHART NOTE "FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY 1/2 MILE, INCREASE LNAV/VNAV CAT E AND LNAV CAT E VISIBILITY 1/2 MILE." TO "FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO 3/4 SM, LNAV/VNAV CAT E TO 1 3/8 SM, AND LNAV CAT C/D/E TO 1 1/8 SM."- 8260.19I, 8-6-11.O (3), AND NEW CONTROLLING OBSTACLE.
9. RELOCATED BACKUP ALTIMETER NOTES FROM THIS FORM TO THE 8260-9 FOR CONTINGENCY PURPOSES. - 8260.19I, 8-6-9.F (3), ALTIMETERS ON WMSCR.
10. "CHART VDP AT 1.08 MILES TO RW18." CHANGED TO "CHART VDP AT 1.14 NM TO RW18."- NEW CONTROLLING OBSTACLE.
11. LNAV/VNAV DA/HAT ALL CATS CHANGED FROM 670/406 TO 710/446.- NEW CONTROLLING OBSTACLE.
12. LNAV MDA/HAT ALL CATS CHANGED FROM 660/396 TO 680/416, AND LNAV VISIBILITY CAT C/D/E CHANGED FROM 5/8 SM TO ¾ SM.- NEW CONTROLLING OBSTACLE.
13. FPAP LAT/LONG CHANGED FROM 332604.0840N/ 0883529.4930W TO 332604.0835N/0883529.4960W.- UPDATED EVALUATION.
14. CRC REMAINDER CHANGED FROM C298E501 TO FF107E8A.- UPDATED FPAP LAT/LONG.
15. MISSED APPROACH CHANGED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HUYKA AND HOLD." TO "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HUYKA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000."- CIH IS NOW REQUIRED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

GEORGE E SEARLES

*Digitally signed by***JASON KRETSCHMER**

Aug 18, 2022

OFFICE

FPO

DATE

08/16/2022

DEVELOPED BY

JASON KRETSCHMER (TIA FERONTI)

*Digitally signed by***JASON KRETSCHMER**

Jul 21, 2022

OFFICE

AJV-A421

DATE

02/18/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Jul 21, 2022

OFFICE

AJV-A420

DATE**TITLE**
MANAGERQUALITY
10
CHECKED

AIRPORT ID
KGTR

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
2A

CITY
COLUMBUS/W
POINT/STARKVILLE

STATE
MS

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGTR
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	332733.3470N
LTP/FTP LONGITUDE	0883528.6195W
LTP/FTP ELLIPSOIDAL HEIGHT	+00511
FPAP LATITUDE	332604.0835N
FPAP LONGITUDE	0883529.4960W
THRESHOLD CROSSING HEIGHT (TCH)	00057.5
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	FF107E8A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00794
FPAP ORTHOMETRIC HEIGHT	+00794

