

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
COLUMBIA-MARION COUNTY	OR0	COLUMBIA	MS	1	2 DECEMBER 2021

TAKEOFF MINIMUMS:

RWY 13, 31 NA - OBSTACLES

RWY 23 - STANDARD

RWY 5 - 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 500, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 23: SIGN 8 FT FROM DER, 260 FT LEFT OF CENTERLINE, 3 FT AGL/246 FT MSL.

POLE, TREES BEGINNING 26 FT FROM DER, 293 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/266 FT MSL.

TREES, BUILDING BEGINNING 132 FT FROM DER, 339 FT RIGHT OF CENTERLINE, UP TO 299 FT MSL.

POLES, TRANSMISSION LINE BEGINNING 244 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/275 FT MSL.

TREE, POLE BEGINNING 317 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 307 FT MSL.

TREES BEGINNING 433 FT FROM DER, 464 FT LEFT OF CENTERLINE, UP TO 297 FT MSL.

TREES BEGINNING 540 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 312 FT MSL.

TREES BEGINNING 1489 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 319 FT MSL.

TREES BEGINNING 1552 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 313 FT MSL.

TREES BEGINNING 1906 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 317 FT MSL.

TREE 1953 FT FROM DER, 173 FT RIGHT OF CENTERLINE, 320 FT MSL.

TREES BEGINNING 1980 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 322 FT MSL.

TREE 2803 FT FROM DER, 642 FT LEFT OF CENTERLINE, 329 FT MSL.

NOTE: RWY 05: TREE 24 FT FROM DER, 499 FT RIGHT OF CENTERLINE, 326 FT MSL.

TERRAIN 159 FT FROM DER, 417 FT LEFT OF CENTERLINE, 275 FT MSL.

TREES BEGINNING 225 FT FROM DER, 208 FT RIGHT OF CENTERLINE, UP TO 332 FT MSL.

TREE 1213 FT FROM DER, 716 FT RIGHT OF CENTERLINE, 342 FT MSL.

TREES BEGINNING 1353 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 346 FT MSL.

TREES BEGINNING 1907 FT FROM DER, 49 FT LEFT OF CENTERLINE, UP TO 328 FT MSL.

TREES BEGINNING 1934 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 337 FT MSL.

TREES BEGINNING 2218 FT FROM DER, 179 FT LEFT OF CENTERLINE, UP TO 346 FT MSL.

TREES BEGINNING 2406 FT FROM DER, 74 FT RIGHT OF CENTERLINE, UP TO 361 FT MSL.

TREES BEGINNING 2504 FT FROM DER, 712 FT LEFT OF CENTERLINE, UP TO 358 FT MSL.

TREES, TRANSMISSION LINE, POLE BEGINNING 2507 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 371 FT MSL.

TREES BEGINNING 3173 FT FROM DER, 532 FT LEFT OF CENTERLINE, UP TO 374 FT MSL.

TREE 3411 FT FROM DER, 811 FT LEFT OF CENTERLINE, 377 FT MSL.

TREE 3483 FT FROM DER, 519 FT LEFT OF CENTERLINE, 380 FT MSL.

TREE 3578 FT FROM DER, 1000 FT LEFT OF CENTERLINE, 383 FT MSL.

TREE 3674 FT FROM DER, 1133 FT LEFT OF CENTERLINE, 384 FT MSL.

TREES BEGINNING 3797 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 392 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 438 MSL TREE 311828.43N/0894703.78W (CLIMB GRADIENT AND CLIMB-TO ALTITUDE), 454 TREE 311832.47N/0894653.63W (CEILING AND VISIBILITY).

REMARKS:

75 FOOT MAXIMUM VEGETATION HEIGHT USED PER FPT REQUEST.

FLIGHT INSPECTED BY

MATTHEW R BUFORD

Digitally signed by

JOHN BORDY

Aug 27, 2021

OFFICE

FPO

DATE

08/13/2021

QUALITY
42
CHECKED

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
COLUMBIA-MARION COUNTY	OR0	COLUMBIA	MS	1	2 DECEMBER 2021

DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE
WILLIAM D. MELTON	JOHN BORDY	AJV-A422	07/09/2021
	Aug 27, 2021		

APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
MARLON J. ROBINSON	JOHN BORDY	AJV-A420		MANAGER
	Aug 27, 2021			

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** GWO FSS, ZHU, ARPT MGR

CHANGES - REASONS:

1. ADDED CLIMB GRADIENT OF 220 FT PER NM TO 500 AGL FOR RUNWAY 5 DEPARTURE - NEW CONTROLLING OBSTACLE, 438 MSL TREE (28-055929) 311828.43N/0894703.78W
2. DELETED RWY 23 TEXTUAL DEPARTURE PROCEDURES: RWY 23 CLIMB HEADING 233.75 TO 800 BEFORE TURNING LEFT - PREVIOUS CONTROLLING OBSTACLE NO LONGER IN DATA BASE.
3. DELETED RWY 23 CONTROLLING OBSTACLE: 615 MSL TOWER 311602.00N/0894957.00W - OBSTACLE NO LONGER IN DATABASE.
4. ADDED REMARK: 75 FOOT MAXIMUM VEGETATION HEIGHT - FPT REQUEST.
5. ADDED CONTROLLING OBSTACLES, RWY 5: 438 MSL TREE 311828.43N/0894703.78W (CLIMB GRADIENT AND CLIMB-TO ALTITUDE), 454 TREE 311832.47N/0894653.63W (CEILING AND VISIBILITY) - IAW 8260.46G APPENDIX D PARA 11.
6. CHANGED TAKEOFF MINIMUM 5 FROM RWY 5: STANDARD TO RWY 5: 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 500, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FEET PRIOR TO DER - IAW 8260.3D PARA 14-1-4D.
7. UPDATED TAKEOFF OBSTACLES NOTES - IAW 8260.46G APPENDIX D PARA 10.