

**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 ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KCGI	CAPE GIRARDEAU	MO	10	23 MARCH 2023

TAKEOFF MINIMUMS:
RWY 2, 28: STANDARD.

RWY 10: 300-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 321 FT PER NM TO 700.

RWY 20: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 342 FT PER NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:
RWY 2: CLIMB ON HEADING BETWEEN 040 CW TO 200 FROM DEPARTURE END OF RUNWAY.

RWY 28: CLIMB ON HEADING 287.82 TO 1000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2: FENCE 2 FT FROM DER, 454 FT LEFT OF CENTERLINE, 3 FT AGL/337 FT MSL. SIGN 32 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 2 FT AGL/337 FT MSL. VEGETATION 298 FT FROM DER, 567 FT LEFT OF CENTERLINE, 344 FT MSL. TREE 416 FT FROM DER, 610 FT LEFT OF CENTERLINE, FT MSL. VEHICLE ON ROADWAY 738 FT FROM DER, 678 FT RIGHT OF CENTERLINE, 355 FT MSL. TRANSMISSION LINE, POLES, TREES, SIGN BEGINNING 959 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/393 FT MSL. POLE 1234 FT FROM DER, 490 FT LEFT OF CENTERLINE, 39 FT AGL/374 FT MSL. POLES BEGINNING 1317 FT FROM DER, 296 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/379 FT MSL. TANK 2658 FT FROM DER, 1185 FT RIGHT OF CENTERLINE, 104 FT AGL/439 FT MSL.

NOTE: RWY 10: POLES BEGINNING 1394 FT FROM DER, 798 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/381 FT MSL. TREES BEGINNING 2577 FT FROM DER, 772 FT RIGHT OF CENTERLINE, UP TO 425 FT MSL. TREE 3291 FT FROM DER, 963 FT LEFT OF CENTERLINE, 424 FT MSL. CRANE 3577 FT FROM DER, 389 FT LEFT OF CENTERLINE, 435 FT MSL. TREES BEGINNING 4060 FT FROM DER, 1263 FT RIGHT OF CENTERLINE, UP TO 462 FT MSL. CRANE 4305 FT FROM DER, 213 FT LEFT OF CENTERLINE, 461 FT MSL. TREE 4832 FT FROM DER, 286 FT RIGHT OF CENTERLINE, 471 FT MSL. TREE 4901 FT FROM DER, 213 FT RIGHT OF CENTERLINE, 476 FT MSL. TREES BEGINNING 4954 FT FROM DER, 741 FT LEFT OF CENTERLINE, UP TO 471 FT MSL. TREE 5021 FT FROM DER, 254 FT RIGHT OF CENTERLINE, 480 FT MSL. TREE 5257 FT FROM DER, 1906 FT LEFT OF CENTERLINE, 549 FT MSL. TREES BEGINNING 5485 FT FROM DER, 1060 FT LEFT OF CENTERLINE, UP TO 490 FT MSL. TREE 5589 FT FROM DER, 622 FT RIGHT OF CENTERLINE, 482 FT MSL. TREE 1.2 NM FROM DER, 1951 FT LEFT OF CENTERLINE, 527 FT MSL.

NOTE: RWY 20: SIGN 20 FT FROM DER, 203 FT LEFT OF CENTERLINE, 3 FT AGL/343 FT MSL. VEGETATION 108 FT FROM DER, 368 FT LEFT OF CENTERLINE, 13 FT AGL/353 FT MSL. TREE 175 FT FROM DER, 379 FT LEFT OF CENTERLINE, 360 FT MSL. VEGETATION 739 FT FROM DER, 481 FT LEFT OF CENTERLINE, 367 FT MSL. TRANSMISSION LINE, POLE BEGINNING 1408 FT FROM DER, 832 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/387 FT MSL. TREE 1521 FT FROM DER, 459 FT RIGHT OF CENTERLINE, 55 FT AGL/394 FT MSL. TREES BEGINNING 1597 FT FROM DER, 369 FT RIGHT OF CENTERLINE, UP TO 403 FT MSL. TREES BEGINNING 3990 FT FROM DER, 1300 FT LEFT OF CENTERLINE, UP TO 469 FT MSL. TREE 4142 FT FROM DER, 1601 FT LEFT OF CENTERLINE, 519 FT MSL. TREES BEGINNING 4359 FT FROM DER, 585 FT LEFT OF CENTERLINE, UP TO 484 FT MSL. TREES BEGINNING 4716 FT FROM DER, 605 FT LEFT OF CENTERLINE, UP TO 488 FT MSL. TREES 5230 FT FROM DER, 1770 FT RIGHT OF CENTERLINE, 100 FT AGL/484 FT MSL. TREE 5393 FT FROM DER, 360 FT RIGHT OF CENTERLINE, 491 FT MSL. TREES BEGINNING 5455 FT FROM DER, 966 FT RIGHT OF CENTERLINE, UP TO 492 FT MSL. TREES BEGINNING 5485 FT FROM DER, 800 FT RIGHT OF CENTERLINE, UP TO 493 FT MSL. TREE 5736 FT FROM DER, 1809 FT LEFT OF CENTERLINE, 493 FT MSL. TREE 1.0 NM FROM DER, 1833 FT RIGHT OF CENTERLINE, 541 FT MSL. TREE 1.2 NM FROM DER, 1320 FT RIGHT OF CENTERLINE, 522 FT MSL.

NOTE: RWY 28: TREE 283 FT FROM DER, 533 FT LEFT OF CENTERLINE, 21 FT AGL/354 FT MSL.

CONTROLLING OBSTACLES:

RWY 10: 549 FT MSL TREE 371325.00N/0893228.00W (CEILING/CLIMB GRADIENT/CLIMB-TO ALTITUDE), 527 FT MSL TREE 371320.71N/0893207.06W (VISIBILITY).

RWY 20: 519 FT MSL TREE 371230.98N/0893422.26W (CLIMB GRADIENT/CLIMB-TO ALTITUDE), 541 FT MSL TREE 371223.29N/0893511.54W (CEILING), 522 FT MSL TREE 371213.53N/0893509.47W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2, 28: 2287 FT MSL TOWER 372423.00N/0893344.00W.

REMARKS:

VEGETATION HEIGHT USED: 100 FT.



AIRPORT ID

KCGI

CITY

CAPE GIRARDEAU

STATE

MO

AMDT NO

10

EFFECTIVE DATE

23 MARCH 2023

FLIGHT INSPECTED BY

ANTHONY D VALLERA

*Digitally signed by***JASON KRETSCHMER**

Feb 07, 2023

OFFICE

FPO

DATE

02/03/2023

DEVELOPED BY

PATRICK COMBS

*Digitally signed by***PATRICK W COMBS**

Nov 22, 2022

OFFICE

AJV-A421

DATE

11/21/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Feb 07, 2023

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, ARPT MGR**CHANGES - REASONS:**

1. UPDATED RWY 10 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 250 FT PER NM TO 600, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FT PRIOR TO DER TO 300-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 321FT PER NM TO 700. NEW EVALUATION IN TARGETS AND NEW CONTROLLING OBSTACLE FOUND FOR CG, CGTA - UPDATED OBSTACLE DATA; NEW CEILING/VIS AND CG/CGTA OBSTACLES IDENTIFIED.
2. UPDATED RWY 20 TAKEOFF MINIMUMS FROM 300-1 1/2 OR STANDARD WITH A MINIMUM OF 305 FT PER NM TO 600 TO 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 342 FT PER NM TO 600. - UPDATED OBSTACLE DATA; NEW CEILING/VIS AND CG/CGTA OBSTACLES IDENTIFIED.
3. RWY 2 TEXTUAL DEPARTURE PROCEDURE CHANGED FROM CLIMBING RIGHT TURN HEADING 060 AND CGI VOR/DME R-039 TO 2600 BEFORE PROCEEDING ON COURSE TO CLIMB ON HEADING BETWEEN 040 CW TO 200 FROM DEPARTURE END OF RUNWAY - CHANGE DUE TO DECOMMISSIONING OF CGI VOR.
4. RWY 28 TEXTUAL DEPARTURE PROCEDURE CHANGED FROM CLIMB ON HEADING 287.82 TO 1200 BEFORE PROCEEDING ON COURSE TO CLIMB ON HEADING 287.81 TO 1000 BEFORE PROCEEDING ON COURSE. CGTA FOUND TO BE EXCESSIVE DUE TO NEW EVALUATION AND SLIGHT CHANGE TO INITIAL HEADING DUE TO NEW RUNWAY SURVEY DATA.
5. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS - UPDATED OBSTACLE DATA.
6. UPDATED CONTROLLING OBSTACLES FOR RWY 10 AND RWY 20. UPDATED OBSTACLE DATA AND MAP STUDY.
7. ADDED VEGETATION HEIGHT UTILIZED IN PROCEDURE DEVELOPMENT.

