

**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>
SHREVEPORT DOWNTOWN	KDTN	SHREVEPORT	LA	4	17 JUNE 2021

TAKEOFF MINIMUMS:
RWY 5, 14: STANDARD

RWY 23: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 205 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 1100 FEET PRIOR TO DER.

RWY 32: STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 2700.

TEXTUAL DEPARTURE PROCEDURES:

RWY 23: CLIMB ON HEADING 234.33 TO 800 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 05, TREE 94 FT FROM DER, 469 FT RIGHT OF CENTERLINE, 214 FT MSL.
VEGETATION 95 FT FROM DER, 476 FT LEFT OF CENTERLINE, 178 FT MSL.
TREES BEGINNING 184 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 215 FT MSL.
TREES BEGINNING 323 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 223 FT MSL.
TREES BEGINNING 362 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 252 FT MSL.
TREES BEGINNING 426 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 249 FT MSL.
TREES BEGINNING 618 FT FROM DER, ON CENTERLINE, UP TO 255 FT MSL.
TREES BEGINNING 1088 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 256 FT MSL.
TREES BEGINNING 1162 FT FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 260 FT MSL.
TREES BEGINNING 1164 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 269 FT MSL.
TREES BEGINNING 1248 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 274 FT MSL.
TREES BEGINNING 1681 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 263 FT MSL.
TREES BEGINNING 1723 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 269 FT MSL.
TREES BEGINNING 1868 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 271 FT MSL.
TREE 3478 FT FROM DER, 9 FT RIGHT OF CENTERLINE, 274 FT MSL.
TREES BEGINNING 3484 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 279 FT MSL.
TREES BEGINNING 3498 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 281 FT MSL.
TREES BEGINNING 3611 FT FROM DER, 214 FT LEFT OF CENTERLINE, UP TO 283 FT MSL.
TREES BEGINNING 3797 FT FROM DER, 1167 FT LEFT OF CENTERLINE, UP TO 286 FT MSL.
TREE 3904 FT FROM DER, 1258 FT LEFT OF CENTERLINE, 288 FT MSL.

NOTE: RWY 14, BUILDING 23 FT FROM DER, 465 FT RIGHT OF CENTERLINE, 191 FT MSL.
TREE 493 FT FROM DER, 371 FT LEFT OF CENTERLINE, 222 FT MSL.
TREE 497 FT FROM DER, 426 FT LEFT OF CENTERLINE, 228 FT MSL.
TREES BEGINNING 1119 FT FROM DER, 351 FT LEFT OF CENTERLINE, UP TO 241 FT MSL.
BARGE 1502 FT FROM DER, CROSSING CENTERLINE, 238 FT MSL.
TREES BEGINNING 1561 FT FROM DER, 359 FT RIGHT OF CENTERLINE, UP TO 255 FT MSL.
TREES BEGINNING 1895 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 277 FT MSL.
TREES BEGINNING 2006 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 286 FT MSL.
TREES BEGINNING 2121 FT FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 276 FT MSL.
TREES BEGINNING 2720 FT FROM DER, 66 FT LEFT OF CENTERLINE, UP TO 279 FT MSL.

NOTE: RWY 23, BUILDING 187 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 196 FT MSL.
BUILDING 257 FT FROM DER, 396 FT RIGHT OF CENTERLINE, 198 FT MSL.
POLE 305 FT FROM DER, 543 FT RIGHT OF CENTERLINE, 202 FT MSL.
TREES, POLES, VEHICLE ON ROAD, BUILDINGS BEGINNING 337 FT FROM DER, 283 FT RIGHT OF CENTERLINE, UP TO 224 FT MSL.
BUILDINGS, POLE BEGINNING 477 FT FROM DER, 227 FT LEFT OF CENTERLINE, UP TO 204 FT MSL.
TREE, POLES, BUILDINGS BEGINNING 644 FT FROM DER, 297 FT LEFT OF CENTERLINE, UP TO 207 FT MSL.
TREE, POLE BEGINNING 1048 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 237 FT MSL.
TREES BEGINNING 1074 FT FROM DER, 271 FT LEFT OF CENTERLINE, UP TO 266 FT MSL.
TREES, POLE BEGINNING 1153 FT FROM DER, 254 FT LEFT OF CENTERLINE, UP TO 267 FT MSL.



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TREES BEGINNING 1244 FT FROM DER, 396 FT RIGHT OF CENTERLINE, UP TO 247 FT MSL.
 TREE 2348 FT FROM DER, 948 FT RIGHT OF CENTERLINE, 256 FT MSL.
 TREES BEGINNING 3464 FT FROM DER, 1283 FT LEFT OF CENTERLINE, UP TO 271 FT MSL.
 POLE 4345 FT FROM DER, 196 FT RIGHT OF CENTERLINE, 295 FT MSL.
 TOWER 1.2 NM FROM DER, 1695 FT RIGHT OF CENTERLINE, 363 FT MSL.

NOTE: RWY 32, FENCE BEGINNING 12 FT FROM DER, 241 FT RIGHT OF CENTERLINE, UP TO 180 FT MSL.
 VEHICLE ON ROAD 72 FT FROM DER, 471 FT RIGHT OF CENTERLINE, 191 FT MSL.
 TREE 284 FT FROM DER, 556 FT RIGHT OF CENTERLINE, 259 FT MSL.
 VEHICLE ON ROAD BEGINNING 319 FT FROM DER, 266 FT LEFT OF CENTERLINE, UP TO 193 FT MSL.
 TREE 374 FT FROM DER, 441 FT LEFT OF CENTERLINE, 206 FT MSL.
 TREES BEGINNING 593 FT FROM DER, 495 FT LEFT OF CENTERLINE, UP TO 250 FT MSL.
 TREE 1077 FT FROM DER, 755 FT LEFT OF CENTERLINE, 261 FT MSL.
 TREES BEGINNING 1267 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 262 FT MSL.
 TREE 2506 FT FROM DER, 760 FT LEFT OF CENTERLINE, 267 FT MSL.

CONTROLLING OBSTACLES:

RWY 23: 363 FT MSL TOWER 323147.00N/0934616.00W
RWY 32: 2049 FT MSL TOWER 323958.53N/0935600.67W

OBSTACLES MANDATING ROUTE DEVELOPMENT:

RWY 23: 739 FT MSL TOWER 322937.00N/0934556.00W

REMARKS:

VCOA NOT DEVELOPED PER ATC REQUEST.

FLIGHT INSPECTED BY

JAMES HAWLEY

Digitally signed by

DONALD H LANIER

Mar 30, 2021

OFFICE

FICO

DATE

3/25/2021

DEVELOPED BY

JACOB MAXFIELD

Digitally signed by

DONALD H LANIER

Apr 14, 2020

OFFICE

AJV-A431

DATE

08/15/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Mar 30, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZFW ARTCC, DTN ATCT, SHV APP CON, AMGR

CHANGES - REASONS:

1. CHANGED RWY 23 TAKEOFF MINIMUMS FROM "300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 500" TO "300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 205 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 1100 FEET PRIOR TO DER" - NEW CONTROLLING OBSTACLE.
2. ADDED REMARK "VCOA NOT DEVELOPED PER ATC REQUEST" - ATC REQUEST NOT TO DEVELOP A VCOA BECAUSE IT WOULD DELAY KBAD DEPARTURES.
3. UPDATED TAKEOFF OBSTACLE NOTES AND CHANGED OBSTACLE MANDATING ROUTE DEVELOPMENT FOR RWY 23 FROM "415 FT MSL TOWER, 323139.30N/0934612.52W" TO "739 FT MSL TOWER 322937.00N/0934556.00W" - NEW SURVEY DATA

10/29/19. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/2/19.
 CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 1/30/2020.

02/03/20. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/2/19.
 CHANGED REQUIRED EFFECTIVE DATE FROM 1/30/2020 TO 5/21/2020.

4/14/20. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/2/19.
 CHANGED REQUIRED EFFECTIVE DATE FROM 5/21/2020 TO ROUTINE.

