

**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>
LOU	LOUISVILLE	KY	4A	26 DECEMBER 2024

TAKEOFF MINIMUMS:

RWY 6, 15, 24: STANDARD.

RWY 33: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 205 FT/NM TO 900 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6: TERRAIN 57 FT FROM DER, 457 FT LEFT OF CENTERLINE, 535 FT MSL.
TREES BEGINNING 335 FT FROM DER, 121 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/553 FT MSL.
TREES BEGINNING 357 FT FROM DER, 427 FT LEFT OF CENTERLINE, UP TO 568 FT MSL.
TREE 360 FT FROM DER, 330 FT RIGHT OF CENTERLINE, 15 FT AGL/549 FT MSL.
TREES BEGINNING 362 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/552 FT MSL.
TREES BEGINNING 364 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 588 FT MSL.
TREES BEGINNING 379 FT FROM DER, 345 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/568 FT MSL.
TREE 409 FT FROM DER, 599 FT RIGHT OF CENTERLINE, 38 FT AGL/569 FT MSL.
TREE 412 FT FROM DER, 522 FT RIGHT OF CENTERLINE, 59 FT AGL/591 FT MSL.
TREE 413 FT FROM DER, 549 FT RIGHT OF CENTERLINE, 593 FT MSL.
TREES BEGINNING 435 FT FROM DER, 383 FT RIGHT OF CENTERLINE, UP TO 595 FT MSL.
TREES BEGINNING 461 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/602 FT MSL.
TREES BEGINNING 713 FT FROM DER, 382 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/603 FT MSL.
TREES BEGINNING 884 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 616 FT MSL.
TREES BEGINNING 1133 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/593 FT MSL.
TREES BEGINNING 1397 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/619 FT MSL.
TREES BEGINNING 1555 FT FROM DER, 146 FT LEFT OF CENTERLINE, UP TO 595 FT MSL.
TREES BEGINNING 1809 FT FROM DER, 728 FT LEFT OF CENTERLINE, UP TO 92 FT AGL/598 FT MSL.
TREES BEGINNING 1829 FT FROM DER, 409 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/599 FT MSL.
TREES BEGINNING 1953 FT FROM DER, 241 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/604 FT MSL.
TREES BEGINNING 2194 FT FROM DER, 182 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/606 FT MSL.
TREE 2336 FT FROM DER, 556 FT LEFT OF CENTERLINE, 92 FT AGL/611 FT MSL.
TREES BEGINNING 2359 FT FROM DER, 584 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/612 FT MSL.
TREES BEGINNING 2361 FT FROM DER, 522 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/624 FT MSL.
TREES BEGINNING 2581 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/620 FT MSL.
TREES BEGINNING 2708 FT FROM DER, 681 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/627 FT MSL.
TREE 2782 FT FROM DER, 852 FT LEFT OF CENTERLINE, 93 FT AGL/632 FT MSL.
TREES BEGINNING 2800 FT FROM DER, 541 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/642 FT MSL.

NOTE: RWY 15: VEHICLES ON ROAD 94 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 533 FT MSL.
TREES, VEHICLES ON ROAD, BUILDINGS, POLES, ANTENNA BEGINNING 151 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/588 FT MSL.
TREES, BUILDING BEGINNING 546 FT FROM DER, 541 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/537 FT MSL.
TREE, POLES BEGINNING 671 FT FROM DER, 445 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/544 FT MSL.
POLES, TREE BEGINNING 761 FT FROM DER, 353 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/551 FT MSL.
TREES, POLE BEGINNING 850 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/571 FT MSL.
TREE 888 FT FROM DER, 503 FT LEFT OF CENTERLINE, 69 FT AGL/577 FT MSL.
TREES BEGINNING 892 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/588 FT MSL.
TREES BEGINNING 1393 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/593 FT MSL.
TREES BEGINNING 1599 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/591 FT MSL.
TREES BEGINNING 1690 FT FROM DER, 229 FT RIGHT OF CENTERLINE, UP TO 594 FT MSL.
TREES BEGINNING 1725 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/600 FT MSL.
TREE 2812 FT FROM DER, 1121 FT LEFT OF CENTERLINE, 94 FT AGL/595 FT MSL.
TREES BEGINNING 2813 FT FROM DER, 1161 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/604 FT MSL.
TREE 2900 FT FROM DER, 1191 FT LEFT OF CENTERLINE, 107 FT AGL/607 FT MSL.

NOTE: RWY 24: TANKS, FENCE BEGINNING 25 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/554 FT MSL.
TREES BEGINNING 42 FT FROM DER, 443 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/592 FT MSL.
TREES BEGINNING 43 FT FROM DER, 372 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/570 FT MSL.
TREES, FENCE, VEHICLES ON ROAD BEGINNING 72 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/603 FT MSL.
TREES, FENCE, VEHICLES ON ROAD BEGINNING 97 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/593 FT MSL.
TREES, BUILDING BEGINNING 289 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/608 FT MSL.
TREES BEGINNING 290 FT FROM DER, 213 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/607 FT MSL.
TREE, BUILDINGS, POLES BEGINNING 302 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 615 FT MSL.

TREES, BUILDINGS, POLE BEGINNING 316 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/613 FT MSL.
TREES BEGINNING 577 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/616 FT MSL.
TREES, BUILDING BEGINNING 611 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/636 FT MSL.
TREES, BUILDINGS, POLES BEGINNING 640 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 103 FT AGL/645 FT MSL.
TREES BEGINNING 662 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/622 FT MSL.
TREES, BUILDINGS, POLES BEGINNING 701 FT FROM DER, ON CENTERLINE, UP TO 103 FT AGL/633 FT MSL.
TREES, BUILDINGS, POLES, ANTENNA BEGINNING 831 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 107 FT AGL/645 FT MSL.
TREES, POLES, BUILDINGS BEGINNING 1159 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 104 FT AGL/646 FT MSL.
TREES, POLE BEGINNING 1828 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 115 FT AGL/666 FT MSL.
TREES BEGINNING 2475 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 115 FT AGL/657 FT MSL.
TREES, BUILDING SPIRE BEGINNING 2617 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 113 FT AGL/668 FT MSL.
TOWER 4793 FT FROM DER, 1710 FT RIGHT OF CENTERLINE, 142 FT AGL/692 FT MSL.

NOTE: RWY 33: TREES, VEHICLES ON ROAD, FENCE BEGINNING 23 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/593 FT MSL.
TREES BEGINNING 99 FT FROM DER, 474 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/583 FT MSL.
TREES, FENCE, VEHICLES ON ROAD BEGINNING 118 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/585 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 197 FT FROM DER, 213 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/594 FT MSL.
TREES BEGINNING 419 FT FROM DER, 304 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/621 FT MSL.
TREES BEGINNING 449 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/623 FT MSL.
TREES BEGINNING 545 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/617 FT MSL.
TREES BEGINNING 2679 FT FROM DER, 1164 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/620 FT MSL.
TREES BEGINNING 3066 FT FROM DER, 1220 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/624 FT MSL.
TREES BEGINNING 3193 FT FROM DER, 494 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/624 FT MSL.
TREE 3450 FT FROM DER, 1352 FT RIGHT OF CENTERLINE, 89 FT AGL/626 FT MSL.
TREES BEGINNING 3537 FT FROM DER, 1387 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/637 FT MSL.
TREE 3705 FT FROM DER, 1486 FT RIGHT OF CENTERLINE, 106 FT AGL/646 FT MSL.
TREE 3776 FT FROM DER, 1448 FT LEFT OF CENTERLINE, 102 FT AGL/640 FT MSL.
TREE 3897 FT FROM DER, 1436 FT LEFT OF CENTERLINE, 102 FT AGL/641 FT MSL.
TREE 4781 FT FROM DER, 1627 FT LEFT OF CENTERLINE, 115 FT AGL/660 FT MSL.
TREE 4882 FT FROM DER, 1313 FT LEFT OF CENTERLINE, 131 FT AGL/669 FT MSL.
SMOKE STACK 1.4 NM FROM DER, 1422 FT RIGHT OF CENTERLINE, 222 FT AGL/770 FT MSL.

CONTROLLING OBSTACLES:

RWY 33: 770 FT MSL STACK 381513.01N/0854059.27W.

REMARKS:

100 FT VEG USED.

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE	DATE
<i>Digitally signed by</i> DAVID DANNER	
Sep 19, 2024	

DEVELOPED BY

LEO PALMER

Digitally signed by
LEO PALMER
Sep 18, 2024

OFFICE	DATE
AJV-A421	07/10/2024

APPROVED BY

DAVID DANNER

Digitally signed by
DAVID DANNER
Sep 19, 2024

OFFICE	DATE
AJV-A421	12/26/2024

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒

OTHER: ZID, SDF APP CON, LOU ATCT, AMGR.

CHANGES - REASONS:

CLEAR T-NOTAM 3/6319: UPDATED ALL RWY LOW CLOSE-IN OBSTACLES.

QUALITY
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CHECKED