

**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>
CHICAGO MIDWAY INTL	KMDW	CHICAGO	IL	12A	

TAKEOFF MINIMUMS:

RWY 4L, 4R, 13C, 13L, 13R, 22L, 22R, 31C, 31L, 31R: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4L, 4R: CLIMBING RIGHT TURN TO 2400 HEADING 100 BEFORE PROCEEDING ON COURSE.

RWY 13C: CLIMB HEADING 137.55 TO 1500 BEFORE TURNING.

RWY 13L: CLIMB HEADING 137.53 TO 1500 BEFORE TURNING.

RWY 13R: CLIMB HEADING 137.56 TO 1400 BEFORE TURNING.

RWY 22L: CLIMB HEADING 227.48 TO 1400 BEFORE TURNING.

RWY 22R: CLIMB HEADING 227.47 TO 1400 BEFORE TURNING.

RWY 31C: CLIMB HEADING 317.56 TO 1500 BEFORE TURNING.

RWY 31L: CLIMB HEADING 317.56 TO 1400 BEFORE TURNING.

RWY 31R: CLIMB HEADING 317.53 TO 1500 BEFORE TURNING.

VISUAL CLIMB OVER AIRPORT:



TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4L: FENCE 2 FT FROM DER, 421 FT LEFT OF CENTERLINE, 8 FT AGL/610 FT MSL. TERRAIN 10 FT FROM DER, 492 FT RIGHT OF CENTERLINE, 606 FT MSL. FENCE BEGINNING 18 FT FROM DER, 256 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/616 FT MSL. VEHICLE ON ROAD 143 FT FROM DER, 161 FT LEFT OF CENTERLINE, 620 FT MSL. POLES AND BUILDING BEGINNING 166 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 24 FT AGL/630 FT MSL. POLES AND TREE BEGINNING 374 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/633 FT MSL. POLES BEGINNING 621 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/639 FT MSL. POLES BEGINNING 744 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/631 FT MSL. POLES AND TREES BEGINNING 1154 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/646 FT MSL. TOWER AND POLE BEGINNING 1365 FT FROM DER, 50 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/647 FT MSL. SIGN 1596 FT FROM DER, 20 FT RIGHT OF CENTERLINE, 44 FT AGL/657 FT MSL. TREES AND SIGNS BEGINNING 1611 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 671 FT MSL. SIGN AND TREES BEGINNING 1946 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/691 FT MSL. TREES AND TOWER BEGINNING 2154 FT FROM DER, 145 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL.

NOTE: RWY 4R: POLES AND FENCE BEGINNING 40 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/639 FT MSL. POLE 45 FT FROM DER, 475 FT RIGHT OF CENTERLINE, 26 FT AGL/628 FT MSL. POLES, FENCE AND NAVAID BEGINNING 225 FT FROM DER, ON CENTERLINE, UP TO 29 FT AGL/634 FT MSL. TRANSMISSION LINE, POLES AND TREES BEGINNING 830 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/644 FT MSL. POLE AND TRANSMISSION LINE BEGINNING 891 FT FROM DER, 43 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/641 FT MSL. TREES, POLES, TRANSMISSION LINES AND SIGN BEGINNING 905 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 671 FT MSL. TREE AND TRAMWAY BEGINNING 1374 FT FROM DER, 570 FT RIGHT OF CENTERLINE, UP TO 657 FT MSL. TREES BEGINNING 1447 FT FROM DER, 369 FT LEFT OF CENTERLINE, UP TO 679 FT MSL. TOWER 1823 FT FROM DER, 110 FT RIGHT OF CENTERLINE, 61 FT AGL/672 FT MSL. TOWER 3983 FT FROM DER, 1142 FT LEFT OF CENTERLINE, 109 FT AGL/708 FT MSL.

NOTE: RWY 13C: BUILDING 37 FT FROM DER, 470 FT RIGHT OF CENTERLINE, 23 FT AGL/630 FT MSL. TREE, POLES, STACK, NAVAID, TRANSMISSION LINE AND BUILDING BEGINNING 73 FT FROM DER, ON CENTERLINE, UP TO 641 FT MSL. BUILDING 101 FT FROM DER, 253 FT LEFT OF CENTERLINE, 15 FT AGL/625 FT MSL. TRANSMISSION LINE AND FENCE BEGINNING 229 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 28 FT AGL/638 FT MSL. TREE, POLES AND BUILDING BEGINNING 270 FT FROM DER, 143 FT LEFT OF CENTERLINE, UP TO 640 FT MSL. BUILDING AND POLES BEGINNING 391 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/641 FT MSL. TREE, POLES, BUILDINGS AND SIGN BEGINNING 503 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 647 FT MSL. TREES, POLES, TRANSMISSION LINES AND BUILDINGS BEGINNING 613 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL. TRANSMISSION LINES AND POLES BEGINNING 661 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/649 FT MSL. TREES, POLES, TRANSMISSION LINES AND BUILDINGS BEGINNING 708 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 680 FT MSL. TREES BEGINNING 1536 FT FROM DER, 79 FT RIGHT OF CENTERLINE, UP TO 667 FT MSL. TREES BEGINNING 1624 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 670 FT MSL. TREE 1728 FT FROM DER, 937 FT LEFT OF CENTERLINE, 684 FT MSL. TREE 1793 FT FROM DER, 757 FT RIGHT OF CENTERLINE, 673 FT MSL. TREE 1903 FT FROM DER, 731 FT RIGHT OF CENTERLINE, 678 FT MSL. TREES BEGINNING 2038 FT FROM DER, 568 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL. TREE 2310 FT FROM DER, 869 FT RIGHT OF CENTERLINE, 684 FT MSL. TREES BEGINNING 2368 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 689 FT MSL. TREE 2799 FT FROM DER, 620 FT RIGHT OF CENTERLINE, 700 FT MSL.

NOTE: RWY 13L: FENCE 178 FT FROM DER, 463 FT LEFT OF CENTERLINE, 15 FT AGL/622 FT MSL. POLES BEGINNING 363 FT FROM DER, 199 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/633 FT MSL. POLES BEGINNING 488 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/634 FT MSL. POLES AND BUILDING BEGINNING 657 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/642 FT MSL. POLE 701 FT FROM DER, 44 FT RIGHT OF CENTERLINE, 18 FT AGL/626 FT MSL. POLE 812 FT FROM DER, 4 FT RIGHT OF CENTERLINE, 23 FT AGL/632 FT MSL. TRANSMISSION LINES, BUILDINGS AND POLE BEGINNING 832 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/643 FT MSL. POLES BEGINNING 897 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/633 FT MSL. TREE, BUILDING AND TRANSMISSION LINE BEGINNING 945 FT FROM DER, 64 FT LEFT OF CENTERLINE, UP TO 645 FT MSL. TRANSMISSION LINE AND POLE BEGINNING 973 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/636 FT MSL. TRANSMISSION LINES, BUILDING AND TREE BEGINNING 1043 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/644 FT MSL. TREE 1170 FT FROM DER, 44 FT LEFT OF CENTERLINE, 656 FT MSL. TREES BEGINNING 1188 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 671 FT MSL. TREES BEGINNING 1284 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 675 FT MSL. TREE 1321 FT FROM DER, 104 FT RIGHT OF CENTERLINE, 648 FT MSL. TREES, TRANSMISSION LINE AND POLE BEGINNING 1345 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 652 FT MSL. TREES BEGINNING 1657 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 680 FT MSL. TREE 2678 FT FROM DER, 149 FT LEFT OF CENTERLINE, 684 FT MSL.

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NOTE: RWY 13R: BUILDING 79 FT FROM DER, 334 FT RIGHT OF CENTERLINE, 23 FT AGL/636 FT MSL. POLE 262 FT FROM DER, 255 FT LEFT OF CENTERLINE, 11 FT AGL/621 FT MSL. BUILDING 458 FT FROM DER, 594 FT RIGHT OF CENTERLINE, 50 FT AGL/660 FT MSL. BUILDING 660 FT FROM DER, 291 FT RIGHT OF CENTERLINE, 49 FT AGL/661 FT MSL. BUILDING 689 FT FROM DER, 367 FT RIGHT OF CENTERLINE, 50 FT AGL/663 FT MSL. TREES, POLES AND TRANSMISSION LINE BEGINNING 977 FT FROM DER, 52 FT RIGHT OF CENTERLINE, UP TO 692 FT MSL.

NOTE: RWY 22L: POLES, BUILDING AND TREES BEGINNING 73 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/648 FT MSL. POLES BEGINNING 464 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/653 FT MSL. TREES, TRANSMISSION LINES, BUILDINGS AND POLES BEGINNING 603 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 689 FT MSL. TREES, POLES, BUILDINGS AND TRANSMISSION LINES BEGINNING 648 FT FROM DER, ON CENTERLINE, UP TO 675 FT MSL. TREE 2094 FT FROM DER, 704 FT RIGHT OF CENTERLINE, 679 FT MSL. TREE 2248 FT FROM DER, 597 FT RIGHT OF CENTERLINE, 682 FT MSL. POLE 3991 FT FROM DER, 1231 FT LEFT OF CENTERLINE, 107 FT AGL/739 FT MSL. TANK AND WATER TOWER BEGINNING 4100 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 113 FT AGL/728 FT MSL. POLE 4356 FT FROM DER, 846 FT LEFT OF CENTERLINE, 107 FT AGL/740 FT MSL. POLES BEGINNING 4484 FT FROM DER, 571 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/743 FT MSL.

NOTE: RWY 22R: FENCE BEGINNING 7 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 12 FT AGL/630 FT MSL. POLE AND FENCE BEGINNING 83 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/636 FT MSL. TREE, POLES, BUILDING AND FENCE BEGINNING 142 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 647 FT MSL. FENCE BEGINNING 201 FT FROM DER, ON CENTERLINE, UP TO 13 FT AGL/630 FT MSL. POLES AND FENCE BEGINNING 281 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 18 FT AGL/635 FT MSL. TRANSMISSION LINE AND BUILDING BEGINNING 330 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/650 FT MSL. TREE, BUILDING, POLE AND FENCE BEGINNING 365 FT FROM DER, 25 FT LEFT OF CENTERLINE, UP TO 637 FT MSL. TRANSMISSION LINES AND BUILDINGS BEGINNING 381 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/654 FT MSL. TREE AND POLE BEGINNING 471 FT FROM DER, 97 FT LEFT OF CENTERLINE, UP TO 640 FT MSL. BUILDING 491 FT FROM DER, 154 FT LEFT OF CENTERLINE, 30 FT AGL/647 FT MSL. TREES, BUILDINGS, POLES AND TRANSMISSION LINE BEGINNING 492 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL. TRANSMISSION LINE 509 FT FROM DER, 28 FT LEFT OF CENTERLINE, 35 FT AGL/650 FT MSL. POLES, TRANSMISSION LINE AND BUILDING BEGINNING 574 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/653 FT MSL. TRANSMISSION LINE 662 FT FROM DER, 182 FT LEFT OF CENTERLINE, 39 FT AGL/655 FT MSL. TREES AND POLE BEGINNING 676 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 660 FT MSL. TREES AND BUILDINGS BEGINNING 765 FT FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 668 FT MSL. TREE AND BUILDING BEGINNING 853 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 672 FT MSL. TREES AND BUILDINGS BEGINNING 861 FT FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 675 FT MSL. TREES, BUILDINGS, POLES AND TRANSMISSION LINES BEGINNING 880 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 675 FT MSL. TREES AND BUILDING BEGINNING 1275 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 677 FT MSL. TREES BEGINNING 1386 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 689 FT MSL. TREE 2325 FT FROM DER, 219 FT LEFT OF CENTERLINE, 679 FT MSL. TREE 2479 FT FROM DER, 326 FT LEFT OF CENTERLINE, 682 FT MSL. TANK AND WATER TOWER BEGINNING 4331 FT FROM DER, 763 FT LEFT OF CENTERLINE, UP TO 113 FT AGL/728 FT MSL.

NOTE: RWY 31C: TREES AND NAVAID BEGINNING 83 FT FROM DER, ON CENTERLINE, UP TO 648 FT MSL. POLE, NAVAID AND BUILDING BEGINNING 140 FT FROM DER, 309 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/634 FT MSL. TRANSMISSION LINE, POLES AND TREE BEGINNING 315 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/639 FT MSL. TREE 342 FT FROM DER, 558 FT LEFT OF CENTERLINE, 654 FT MSL. TREES, POLES, TRANSMISSION LINES AND BUILDING BEGINNING 395 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 658 FT MSL. TREES, POLES, TRANSMISSION LINES AND BUILDING BEGINNING 563 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 647 FT MSL. TRANSMISSION LINES AND POLES BEGINNING 1116 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/651 FT MSL. TREES BEGINNING 1204 FT FROM DER, 134 FT LEFT OF CENTERLINE, UP TO 670 FT MSL. TREE 1585 FT FROM DER, 756 FT RIGHT OF CENTERLINE, 652 FT MSL. TREES BEGINNING 1598 FT FROM DER, 654 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL. TREES BEGINNING 1663 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 666 FT MSL. SPIRE 2213 FT FROM DER, 709 FT LEFT OF CENTERLINE, 77 FT AGL/682 FT MSL. TREE 2374 FT FROM DER, 712 FT RIGHT OF CENTERLINE, 673 FT MSL. TANK 5574 FT FROM DER, 1451 FT RIGHT OF CENTERLINE, 162 FT AGL/756 FT MSL. WATER TOWER 5606 FT FROM DER, 1420 FT RIGHT OF CENTERLINE, 160 FT AGL/757 FT MSL.

NOTE: RWY 31L: TERRAIN 14 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 608 FT MSL. SIGN 67 FT FROM DER, 349 FT RIGHT OF CENTERLINE, 5 FT AGL/611 FT MSL. SIGN 82 FT FROM DER, 167 FT LEFT OF CENTERLINE, 2 FT AGL/610 FT MSL. BUILDING 338 FT FROM DER, 559 FT LEFT OF CENTERLINE, 49 FT AGL/657 FT MSL. BUILDING, TREES AND POLE BEGINNING 538 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/661 FT MSL. TREE 1410 FT FROM DER, 51 FT RIGHT OF CENTERLINE, 648 FT MSL. TREE 1716 FT FROM DER, 192 FT LEFT OF CENTERLINE, 662 FT MSL. TREE 1723 FT FROM DER, 6 FT RIGHT OF CENTERLINE, 658 FT MSL. TREE 2142 FT FROM DER, 689 FT LEFT OF CENTERLINE, 674 FT MSL.

NOTE: RWY 31R: TRANSMISSION LINE, POLE AND BUILDING BEGINNING 16 FT FROM DER, 127 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/638 FT MSL. TREES, BUILDINGS, TRANSMISSION LINES AND POLES BEGINNING 208 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 665 FT MSL. POLE 256 FT FROM DER, 24 FT LEFT OF CENTERLINE, 18 FT AGL/623 FT MSL. TREES, POLES, TRANSMISSION LINE, BUILDINGS AND SIGN BEGINNING 345 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 640 FT MSL. TREES, BUILDINGS, NAVAID, TRANSMISSION LINES AND POLES BEGINNING 574 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 655 FT MSL. TREES BEGINNING 1792 FT FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 667 FT MSL. TREE 2030 FT FROM DER, 128 FT LEFT OF CENTERLINE, 658 FT MSL. TREE 2104 FT FROM DER, 71 FT LEFT OF CENTERLINE, 664 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 4L, 4R, 13C, 13L, 22L, 22R, 31C, 31R: 2325 FT MSL BUILDING, 415244.00N/0873809.00W.

REMARKS:

FLIGHT INSPECTED BY

Processed IAW Aircraft Operations Group (AJF-10) Memo, April 29, 2020
Subject: Flight Inspection Review Not Required.

OFFICE
Digitally signed by
JOHN BORDY
May 11, 2020

DATE



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>EFFECTIVE DATE</u>
CHICAGO MIDWAY INTL	KMDW	CHICAGO	IL	12A	

DEVELOPED BY

HEIDI SNIDER *Digitally signed by*
HEIDI SNIDER
May 08, 2020

OFFICE

AJV-A422

DATE

03/25/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by
JOHN BORDY
May 11, 2020

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, MDW DEP CON, MDW ATCT, ARPT MGR.

CHANGES - REASONS:

1. UPDATED RWY 13C TEXTUAL DEPARTURE PROCEDURE FROM "CLIMB HEADING 137.55 TO 1400 BEFORE TURNING." TO "CLIMB HEADING 137.55 TO 1500 BEFORE TURNING." - MATCH PUBLISHED MIDWAY FIVE SID DEPARTURE ROUTE.
2. UPDATED RWY 31C TEXTUAL DEPARTURE PROCEDURE FROM "CLIMB HEADING 317.57 TO 1400 BEFORE TURNING." TO "CLIMB HEADING 317.56 TO 1500 BEFORE TURNING." - MATCH PUBLISHED MIDWAY FIVE SID DEPARTURE ROUTE.