

**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>
KHOU	HOUSTON	TX	7B	

TAKEOFF MINIMUMS:

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

RWY 22: STANDARD WITH MINIMUM CLIMB OF 290 FT/NM TO 1500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 31L: CLIMB ON HEADING 310.96 TO TO 800 BEFORE TURNING.

RWY 31R: CLIMB ON HEADING 310.95 TO TO 800 BEFORE TURNING.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4: LIGHTING BEGINNING 2 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/39 FT MSL. LIGHTING BEGINNING 2 FT FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/39 FT MSL. LIGHTING BEGINNING 9 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/40 FT MSL. LIGHTING BEGINNING 9 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/40 FT MSL. BUILDING 1562 FT FROM DER, 858 FT RIGHT OF CENTERLINE, 69 FT AGL/103 FT MSL. TREE 2399 FT FROM DER, 154 FT LEFT OF CENTERLINE, 66 FT AGL/99 FT MSL. POLE BEGINNING 4403 FT FROM DER, 767 FT RIGHT OF CENTERLINE, UP TO 121 FT AGL/166 FT MSL.

NOTE: RWY 13L: TREE, LIGHTING, SIGN BEGINNING 3 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/115 FT MSL. LIGHTING BEGINNING 9 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/40 FT MSL. SIGN 26 FT FROM DER, 149 FT LEFT OF CENTERLINE, 2 FT AGL/42 FT MSL. TREES, BUILDING BEGINNING 174 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/115 FT MSL. TREES BEGINNING 423 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/118 FT MSL. TREES BEGINNING 2389 FT FROM DER, 55 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/118 FT MSL. TREES 2448 FT FROM DER, 1149 FT RIGHT OF CENTERLINE, 75 FT AGL/121 FT MSL.

NOTE: RWY 13R: LIGHTING BEGINNING 12 FT FROM DER, 85 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/42 FT MSL. LIGHTING BEGINNING 12 FT FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/42 FT MSL. LIGHTING 41 FT FROM DER, 115 FT LEFT OF CENTERLINE, 3 FT AGL/44 FT MSL. LIGHTING 42 FT FROM DER, 114 FT RIGHT OF CENTERLINE, 2 FT AGL/43 FT MSL. FENCE 87 FT FROM DER, 492 FT LEFT OF CENTERLINE, 7 FT AGL/45 FT MSL. TRAVERSE WAY 178 FT FROM DER, 497 FT LEFT OF CENTERLINE, 55 FT MSL. TRAVERSE WAY 516 FT FROM DER, 542 FT RIGHT OF CENTERLINE, 55 FT MSL. POLE, TREE BEGINNING 752 FT FROM DER, 686 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/90 FT MSL. TREES BEGINNING 1113 FT FROM DER, 737 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/98 FT MSL. TREE 1930 FT FROM DER, 905 FT LEFT OF CENTERLINE, 50 FT AGL/92 FT MSL. TREE 2313 FT FROM DER, 948 FT RIGHT OF CENTERLINE, 58 FT AGL/101 FT MSL. TREE 2365 FT FROM DER, 1030 FT RIGHT OF CENTERLINE, 59 FT AGL/105 FT MSL. TREE 2716 FT FROM DER, 1128 FT RIGHT OF CENTERLINE, 70 FT AGL/117 FT MSL.

NOTE: RWY 22: LIGHTING BEGINNING 5 FT FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/43 FT MSL. POLE, TREE BEGINNING 727 FT FROM DER, 626 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/77 FT MSL. POLE 1353 FT FROM DER, 776 FT LEFT OF CENTERLINE, 38 FT AGL/82 FT MSL. POLE 1804 FT FROM DER, 968 FT RIGHT OF CENTERLINE, 64 FT AGL/109 FT MSL. POLE 2941 FT FROM DER, 1189 FT RIGHT OF CENTERLINE, 72 FT AGL/117 FT MSL.

NOTE: RWY 31L: LIGHTING 9 FT FROM DER, 94 FT RIGHT OF CENTERLINE, 1 FT AGL/45 FT MSL. LIGHTING BEGINNING 9 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/45 FT MSL. ELECTRICAL SYSTEM 135 FT FROM DER, 482 FT LEFT OF CENTERLINE, 7 FT AGL/50 MSL. POLE 190 FT FROM DER, 508 FT LEFT OF CENTERLINE, 40 FT AGL/83 FT MSL. POLE, BUILDING BEGINNING 359 FT FROM DER, 411 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/84 FT MSL. BUILDING 547 FT FROM DER, 273 FT RIGHT OF CENTERLINE, 27 FT AGL/69 FT MSL. TREE 1391 FT FROM DER, 466 FT LEFT OF CENTERLINE, 89 FT MSL. TREE 2585 FT FROM DER, 702 FT LEFT OF CENTERLINE, 83 FT AGL/121 FT MSL.

NOTE: RWY 31R: SIGN BEGINNING 29 FT FROM DER, 82 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/47 FT MSL. TREES, POLE BEGINNING 60 FT FROM DER, 308 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/121 FT MSL. BUILDING 499 FT FROM DER, 525 FT LEFT OF CENTERLINE, 27 FT AGL/69 FT MSL.

CONTROLLING OBSTACLES:

RWY 22: 2049 FT MSL TOWER 293430.00N/0952938.00W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 31L, 31R: 2049 FT MSL TOWER 293430.00N/0952938.00W.

REMARKS:

ABBREVIATED AMENDMENT

ATC REQUESTED TO OPT OUT OF VCOA FOR RWY 22

FLIGHT INSPECTED BY

OFFICE

DATE

DEVELOPED BY

WESTLEY OWENS

OFFICE

AJV-A431

DATE

04/01/2024

APPROVED BY

ERIC N SUSKI

OFFICE

AJV-A431

DATE

02/20/2025

TITLE
MANAGER



AIRPORT ID
KHOU

CITY
HOUSTON

STATE
TX

AMDT NO
7B

ACTUAL EFFECTIVE DATE

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER: AHU, HOU ATCT, HOUSTON APP CON

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: CHANGED "RWY 22: STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 2700" TO "RWY 22: STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 1500" - NEW TARGETS EVALUATION AND PER AFS REQUEST TO MATCH SIDS AT THIS AIRPORT.
2. TAKEOFF OBSTACLES NOTES: UPDATED RWY 22 TAKEOFF OBSTACLE NOTES - NEW TARGETS EVALUATION.

