

**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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
AUSTIN, TX	SAN MARCOS RGNL	17 AUGUST 2017	2B

TAKEOFF MINIMUMS:

RWY 8, 13, 17, 26, 31, 35: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 31: CLIMB HEADING 305.88 TO 1500 BEFORE TURNING RIGHT.

RWY 35: CLIMB HEADING 005.87 TO 2500 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8: SIGN 1 FT FROM DER, 250 FT LEFT OF CENTERLINE, 3 FT AGL/583 FT MSL. TREE 942 FT FROM DER, 259 FT LEFT OF CENTERLINE, 612 FT MSL.

NOTE: RWY 13: TREE 2505 FT FROM DER, 194 FT RIGHT OF CENTERLINE, 71 FT AGL/637 FT MSL. TREE 2615 FT FROM DER, 90 FT RIGHT OF CENTERLINE, 75 FT AGL/639 FT MSL. TREES BEGINNING 2639 FT FROM DER, 139 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/646 FT MSL.

NOTE: RWY 17: BUSH 26 FT FROM DER, 74 FT LEFT OF CENTERLINE, 2 FT AGL/576 FT MSL.

NOTE: RWY 26: REIL 9 FT FROM DER, 90 FT RIGHT OF CENTERLINE, 4 FT AGL/589 FT MSL. TREE 1073 FT FROM DER, 684 FT RIGHT OF CENTERLINE, 621 FT MSL. POLES AND TREES BEGINNING 1206 FT FROM DER, 394 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/638 FT MSL.

NOTE: RWY 31: TREES BEGINNING 912 FT FROM DER, 613 FT RIGHT OF CENTERLINE, UP TO 622 FT MSL. POLE AND TREE BEGINNING 1046 FT FROM DER, 630 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/631 FT MSL. TREE 1287 FT FROM DER, 718 FT LEFT OF CENTERLINE, 627 FT MSL.

NOTE: RWY 35: SIGN 25 FT FROM DER, 198 FT LEFT OF CENTERLINE, 3 FT AGL/597 FT MSL. TREE 2562 FT FROM DER, 1113 FT LEFT OF CENTERLINE, 659 FT MSL. TREE 3227 FT FROM DER, 162 FT LEFT OF CENTERLINE, 54 FT AGL/676 FT MSL. TREES BEGINNING 3540 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/687 FT MSL. TREE 3655 FT FROM DER, 362 FT RIGHT OF CENTERLINE, 54 FT AGL/692 FT MSL. TREES BEGINNING 3664 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 54 FT AGL/693 FT MSL. TREE 3727 FT FROM DER, 81 FT LEFT OF CENTERLINE, 52 FT AGL/688 FT MSL. TREE 3741 FT FROM DER, 94 FT LEFT OF CENTERLINE, 52 FT AGL/690 FT MSL. TREE 3972 FT FROM DER, 40 FT LEFT OF CENTERLINE, 48 FT AGL/696 FT MSL. TREE 4131 FT FROM DER, 37 FT RIGHT OF CENTERLINE, 42 FT AGL/699 FT MSL. TREE 4146 FT FROM DER, 33 FT RIGHT OF CENTERLINE, 43 FT AGL/700 FT MSL. POLE AND TREES BEGINNING 4150 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/702 FT MSL. TREE 4209 FT FROM DER, 10 FT LEFT OF CENTERLINE, 39 FT AGL/701 FT MSL. TREE 4222 FT FROM DER, 73 FT RIGHT OF CENTERLINE, 42 FT AGL/704 FT MSL. TREE 4225 FT FROM DER, 25 FT LEFT OF CENTERLINE, 38 FT AGL/702 FT MSL. TREES BEGINNING 4229 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/708 FT MSL. TREES BEGINNING 4406 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/709 FT MSL. TREES BEGINNING 4426 FT FROM DER, 278 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/711 FT MSL. POLE, BUILDINGS, AND TREES BEGINNING 4435 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/720 FT MSL. POLE 4450 FT FROM DER, 16 FT LEFT OF CENTERLINE, 36 FT AGL/707 FT MSL. POLE, TELEPHONE LINE, AND TREES BEGINNING 4554 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/722 FT MSL. TREE 4785 FT FROM DER, 1629 FT LEFT OF CENTERLINE, 716 FT MSL. TREES BEGINNING 5071 FT FROM DER, 1533 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/738 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 31, 35: 2049 FT MSL TOWER 300243.00N/0975251.00W.

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REMARKS:

RWY 35 DEPARTURE COURSE OFFSET 15 DEGREES RIGHT FROM RUNWAY CENTERLINE FOR OBSTACLE AVOIDANCE.

FLIGHT INSPECTED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON	OFFICE SYMBOL:	DATE:
Brain Harrelson	May 30, 2017	FICO	5/22/17

DEVELOPED BY:	<i>Digitally signed by</i> PETER R GUIMOND	OFFICE SYMBOL:	DATE:
PETER GUIMOND	Mar 14, 2017	AJV-5422	03/14/2017

APPROVED BY:	<i>Digitally signed by</i> ROBERT G HAMILTON	OFFICE SYMBOL:	DATE:
JULIE MORGAN	May 30, 2017	AJV-5420	

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZHU, AUS APP CON, HYI ATCT, AMGR

CHANGES - REASONS:

1. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS - GROUPED AND FORMATTED IN ACCORDANCE WITH DEPARTURE OBSTACLES GROUPE (1.0) STANDARD OPERATING PROCEDURE.
2. INCORPORATED CHANGES MADE IN AMDT 2A (P-NOTAM: FDC 6/4570) - IAW FAAO 8269.19G, PARA 8-3-4C(3).

QUALITY
20
CHECKED