

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

18200

## INSTRUMENT APPROACH PROCEDURE CHARTS



### IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

#### Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or radar vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow radar vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

NAME	TAKEOFF MINIMUMS	NAME	TAKEOFF MINIMUMS
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#### ADEL, GA

##### COOK COUNTY (15J)

##### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMD T 07242 (FAA)

DEPARTURE PROCEDURE: **Rwy 5**, climb heading 051° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 5**, multiple trees and vehicles beginning 411' from DER, 16' left of centerline, up to 100' AGL/349' MSL. Multiple trees and vehicles beginning 159' from DER, 18' right of centerline, up to 100' AGL/349' MSL. **Rwy 15**, multiple trees beginning 1801' from DER, 629' left of centerline, up to 100' AGL/339' MSL. Multiple trees beginning 932' from DER, 437' right of centerline, up to 100' AGL/339' MSL. **Rwy 23**, multiple trees beginning 503' from DER, 178' left of centerline, up to 72' AGL/321' MSL. Multiple trees beginning 1058' from DER, 74' right of centerline, up to 73' AGL/312' MSL. **Rwy 33**, multiple trees beginning 4793' from DER, 120' left of centerline, up to 100' AGL/349' MSL. Multiple trees beginning 4990' from DER, 761' right of centerline, up to 100' AGL/349' MSL.

#### ALABASTER, AL

##### SHELBY COUNTY (EET)

##### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMD T 09071 (FAA)

TAKEOFF MINIMUMS: **Rwy 16**, 300-1%. **Rwy 34**, 300-1 w/ min. climb of 310' per NM to 1500, or 1000-2% for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 34**, for climb in visual conditions: Cross Shelby County Airport at or above 1400 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES: **Rwy 16**, rising terrain beginning 30' from DER. Trees beginning 4' from DER, 648' left to 826' right of centerline, up to 100' AGL/759' MSL. T-L towers beginning 1165' from DER, 490' left of centerline, up to 98' AGL/704' MSL. Buildings 1569' from DER, 89' left of centerline, up to 38' AGL/657' MSL. **Rwy 34**, rising terrain beginning 132' from DER. Trees beginning 240' from DER, 1498' left to 3865' right of centerline, up to 100' AGL/799' MSL. T-L towers beginning 1821' from DER, 646' right of centerline, up to 89' AGL/715' MSL. Buildings beginning 1562' from DER, 87' left of centerline up to 31' AGL/661' MSL. Buildings beginning 1863' from DER, 135' right of centerline, up to 45' AGL/668' MSL. Tower 2.08 NM from DER, 513' left of centerline, 220' AGL/919' MSL.

16 AUG 2018 to 13 SEP 2018

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