

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
NASHVILLE, TN	NASHVILLE INTL		8

TAKEOFF MINIMUMS:

RWY 02L, 02C, 02R, 13, 20L, 20C, 20R: STANDARD.
RWY 31: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 20L: CLIMB HEADING 201.00 TO 1400 BEFORE TURNING RIGHT.
RWY 20C: CLIMB HEADING 200.99 TO 1800 BEFORE TURNING RIGHT.
RWY 20R: CLIMB HEADING 200.65 TO 1800 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 02L, TREES BEGINNING 203 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/576 FT MSL.
NOTE: RWY 13, BLAST FENCE OBSTRUCTION LIGHT 335 FT FROM DER, 64 FT LEFT OF CENTERLINE, 6 FT AGL/595 FT MSL. TREES BEGINNING 2852 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/685 FT MSL. POLE 3761 FT FROM DER, 726 FT RIGHT OF CENTERLINE, 60 FT AGL/689 FT MSL.
NOTE: RWY 20C, TREES BEGINNING 2089 FT FROM DER, 934 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/623 FT MSL.
NOTE: RWY 20L, TREES BEGINNING 1844 FT FROM DER. 720 LEFT OF CENTERLINE, UP TO 60 FT AGL/639 FT MSL.
NOTE: RWY 20R, FLAGPOLE 1298 FT FROM DER, 777 FT RIGHT OF CENTERLINE, 37 FT AGL/636 FT MSL. BLDG 2183 FT FROM DER, 1083 FT RIGHT OF CENTERLINE, 91 FT AGL/680 FT MSL.
NOTE: RWY 31, GROUND 2 FT FROM DER, 498 FT LEFT OF CENTERLINE, 541 FT MSL. LOC OBSTRUCTION LIGHT 303 FT FROM DER, ON CENTERLINE, 48 FT AGL/547 FT MSL. BLAST FENCE OBSTRUCTION LIGHT 382 FT FROM DER, 50 FT LEFT OF CENTERLINE, 30 FT AGL/569 FT MSL. TREES BEGINNING 789 FT FROM DER, 331 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/602 FT MSL. POLE 1012 FT FROM DER, 429 FT LEFT OF CENTERLINE, 29 FT AGL/578 FT MSL. TRANSMISSION TOWER 1882 FT FROM DER, 219 FT RIGHT OF CENTERLINE, 61 FT AGL/610 FT MSL. POLE 2037 FT FROM DER, 422 FT RIGHT OF CENTERLINE, 47 FT AGL/596 FT MSL. TRANSMISSION TOWER 2778 FT FROM DER, 83 FT LEFT OF CENTERLINE, 91 FT AGL/630 FT MSL.

CONTROLLING OBSTACLES:

RWY 31: 2049 FT MSL ANT (KJWNT0151) 360827.45N/0865156.48W.

OBSTACLES MANDATING ROUTE DEVELOPMENT: RWY 20C, RWY 20L, RWY 20R – 2049 FT MSL TOWER (47-002263) 360250.42N/0864948.93W.



CANCELLED

BY _____

DATE _____

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

NASHVILLE, TN (KBNA)
NASHVILLE INTL
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

2. Waiver Required and Applicable Standard:

NOT PUBLISH A VISUAL CLIMB OVER THE AIRPORT (VCOA).
DEVELOPMENT OF A VCOA IS MANDATORY WHEN OBSTACLES GREATER THAN 3 SM FROM DER REQUIRE A GREATER THAN 200 FEET PER NM CLIMB GRADIENT (CG).

FAA ORDER 8260.3B, VOL 4, CH 4, PARA 4.0
FAA ORDER 8260.46C, TABLE 1, SITUATION 3(B)

3. Reason for Waiver (*Justification for nonstandard treatment*):

NASHVILLE IS A HIGH IMPACT AIRPORT. A VCOA IS NOT PRACTICAL IN THIS ENVIRONMENT, NOR WOULD ATC APPROVE THIS AS AN OPTION.

4. Equivalent Level of Safety Provided:

1. A MINIMUM CLIMB GRADIENT OF 240 FEET PER NM TO 2800 HAS BEEN ESTABLISHED TO ENSURE OBSTACLE CLEARANCE.
2. AIRPORT HAS NUMEROUS RUNWAYS WITH STANDARD TAKEOFF MINIMUMS NOT REQUIRING A CG TO DEPART FROM.
3. A SID EXISTS UTILIZING RADAR TO ENSURE OBSTACLE CLEARANCE FROM OBSTACLE REQUIRING THE VCOA. MVA CHART FOR AREA EXISTS.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A

6. Coordination With User Organizations (*Specify*):

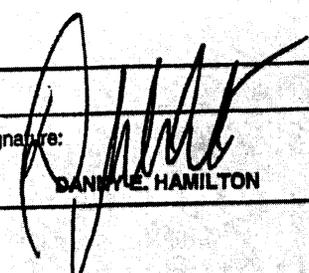
AVN-101 BN
AVN-110 JK

7. SUBMITTED BY

DATE: MAY 28 2008

Office Identification:
AVN-100

Title:
MANAGER, NATIONAL FLIGHT
PROCEDURES OFFICE

Signature: 
DANNY E. HAMILTON

8. CONTINUATION

Comments:

This waiver is canceled effective November 15, 2012
8260.46D, Change 1 does not mandate VCOA development

Manager, AJV-35

9. AFS ACTION

<input checked="" type="checkbox"/>	Approved
<input type="checkbox"/>	Disapproved
<input type="checkbox"/>	Not Required

Comments:

Approved Based on the Equivalent Level of Safety in Block 4.

Date:
17 JUN 2008

Routing Symbol:
AFS-400

Signature John W. McGraw, 
Manager, Flight Technologies & Procedure