

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
<b>KRSTA</b>	<b>THREE</b>	<b>KRSTA3.KRSTA</b>	<b>TWO</b>	<b>24 JUL 14</b>	<b>25 June 2015</b>

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWYS 2L/C/R:** CLIMB HEADING 021.00 OR ASSIGNED ATC HEADING, THENCE...  
**TAKEOFF RWY 13:** CLIMB HEADING 136.00 OR ASSIGNED ATC HEADING, THENCE...  
**TAKEOFF RWYS 20L/C/R:** CLIMB HEADING 201.00 OR ASSIGNED ATC HEADING, THENCE...  
**TAKEOFF RWY 31:** CLIMB HEADING 316.00 OR ASSIGNED ATC HEADING, THENCE...

...EXPECT RADAR VECTORS TO CERAH, THEN ON TRACK 025.40 TO KRSTA. MAINTAIN 4000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN FIVE (5) MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
OLSIE	KRSTA3.OLSIE	KRSTA	OLSIE	TRACK 024.74	33.15	14600	2500	

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

**NOTE:** DME/DME/IRU OR GPS REQUIRED. **NOTE:** RNAV 1. **NOTE:** RADAR REQUIRED. **NOTE:** FOR TURBOJET AIRCRAFT ONLY.  
**NOTE:** TRANSPONDER CODE WILL BE ISSUED VIA PDC OR NASHVILLE CLEARANCE DELIVERY.  
**NOTE:** IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT.

**TAKEOFF MINIMUMS:**

**RWY 2C, 2L, 2R, 13, 20L, 31,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100.  
**RWY 20C, 20R,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1300.

**TAKEOFF OBSTACLES NOTES:**

**RWY 2L,** TREES BEGINNING 203 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/576 FT MSL.  
**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.  
**RWY 20C,** TREES BEGINNING 2089 FT FROM DER, 934 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/623 FT MSL.  
**RWY 20L,** TREES BEGINNING 1844 FT FROM DER, 720 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/639 FT MSL.  
**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.  
**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 TOWER (KJWNT0151) 360827.45N/0865156.48W.



**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
<b>KRSTA</b>	<b>THREE</b>	<b>KRSTA3.KRSTA</b>	<b>TWO</b>	<b>24 JUL 14</b>	<b>25 June 2015</b>

**RWY 20C, 20L, 20R:** 2049 FT MSL TOWER (47-002263) 360250.42N/0864948.93W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KBNA 3W EPOCH YEAR: 2010. DME/DME ASSESSMENT: SAT (RNP 2.0)

**CHART:** MEA/MOCA FROM CERAH TO KRSTA, 7900/3100.

**CHART:** TOP ALTITUDE: 4000

**PILOT NAVIGATION AREA:**

10 NM ARC CENTERED ON CERAH (IF), CW

FROM: POINT A (BEARING 340 TO CERAH)

TO: POINT B (BEARING 070 TO CERAH)

MINIMUM ALTITUDE - 6000

**AIRPORTS SERVED:**

NASHVILLE INTL

NASHVILLE, TN

**COMMUNICATIONS:**

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, WEST DEPARTURE CONTROL (119.35/372.0).

**FIXES AND/OR NAVAIDS:**



**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
<b>KRSTA</b>	<b>THREE</b>	<b>KRSTA3.KRSTA</b>	<b>TWO</b>	<b>24 JUL 14</b>	<b>25 June 2015</b>

**REMARKS:**

FROM 8260-15A, AMDT 8: RWY 20R TAKEOFF OBSTACLE BLDG NOT IN OBSTACLE DATABASE BUT SPECIALIST VERIFIED A LARGE BUILDING IN RECENT AERIAL PHOTOGRAPHS, SO RETAINED AS TAKEOFF OBSTACLE.

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**CHANGES:**

ADDED: CHART: TOP ALTITUDE: 4000.

**REASONS:**

ATC REQUEST.



**DEPARTURE (DATA RECORD)**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KRSTA	THREE	KRSTA3.KRSTA	TWO	24 JUL 14	25 June 2015

  

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
CERAH	363450.35N/0862825.33W	Y		IF					
KRSTA	364337.19N/0862355.49W	Y	FB	TF	022.40	9.49			
KRSTA	364337.19N/0862355.49W	Y		IF					KRSTA3.OLSIE
OLSIE	371426.35N/0860832.69W	Y	FB	TF	021.74	33.15			

