

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
DRURY	FOUR	DRURY4.DRURY	THREE	06/25/2015	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 2C: CLIMB ON HEADING 020.98 TO INTERCEPT COURSE 349.54 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 2L: CLIMB ON HEADING 020.65 TO INTERCEPT COURSE 347.85 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 2R: CLIMB ON HEADING 020.99 TO INTERCEPT COURSE 342.37 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 13: CLIMB ON HEADING 136.30 TO 2500, THEN ON HEADING 136.30 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 12000, THENCE...

TAKEOFF RWY 20C: CLIMB ON HEADING 200.99 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 20L: CLIMB ON HEADING 200.99 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 20R: CLIMB ON HEADING 200.65 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ...

TAKEOFF RWY 31: CLIMB ON HEADING 316.31 TO 3000, THEN ON HEADING 316.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 12000, THENCE...

... ON TRACK 216.21 TO DRURY. MAINTAIN 15000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
HAGIE	DRURY4.HAGIE	DRURY	HAGIE	TRACK 198.79	57.30	16700	2500	
JALAR	DRURY4.JALAR	DRURY	JALAR	TRACK 210.68	41.63	16700	2500	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 13: STANDARD.

RWYS 2C, 2L, 2R, 20L, 20C, 20R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1099.

RWY 31: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3000.



TAKEOFF OBSTACLES NOTES:
SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:
RWY 31: 2049 FT MSL TOWER (47-000685) 361550.00N/0864739.00W.

MSA:
BNA, 3100.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: BNA 3W/2010.
CHART: TOP ALTITUDE: 15000
DME/DME ASSESSMENT: SAT RNP 2.0

AIRPORTS SERVED:	AIRPORT ID	CITY	STATE
	BNA	NASHVILLE	TN

COMMUNICATIONS:
CHART ATIS, CLEARANCE DELIVERY, GROUND CONTROL, NASHVILLE TOWER, CPDLC

FIXES AND/OR NAVAIDS:

REMARKS:
1. 100 FT MAXIMUM VEGETATION HEIGHT UTILIZED PER FPT.
2. MSA CONTROLLING OBSTACLE: 2049 FT MSL TOWER (47-002263) 360250.42N/0864948.93W; BEARING 241.04/ DISTANCE 8.72 NM.
3. LNAV ENGAGEMENT CLIMB GRADIENTS UTILIZED FOR EARLY TURNS FOR OPERATIONAL EFFICIENCY AND SAFETY; BNA IS A HIGH IMPACT AIRPORT.
4. BNA TRACON CONFIRMED THEY DO NOT VECTOR AIRCRAFT BELOW THE MVA; RWY 13/31 SINGLE HEADING OBSTACLE EVALUATION IS TO GET AIRCRAFT TO THE MVA.
5. RWY 31 OBSTACLE CG IS 240 FT/NM TO 2600; 250 FT/NM TO 3000 UTILIZED TO GET AIRCRAFT TO THE MVA 3000 WITHIN 10 NM OF THE RWY 31 DER.
6. ALL CLIMB GRADIENTS TO MEET ATC CROSSING ALTITUDE RESTRICTIONS ARE LESS THAN 500 FT/NM.
7. MEA BASED ON LOWEST DME/DME COVERAGE.

FLIGHT INSPECTED BY	<i>Digitally signed by</i>	SIGNATURE	OFFICE	DATE	
ERIC W PENNEY	ROBERT G HAMILTON		AJF	08/21/2025	
	Aug 27, 2025				
DEVELOPED BY	<i>Digitally signed by</i>	SIGNATURE	OFFICE	DATE	
DEVON KERCHER	ROBERT G HAMILTON		AJV-A431	5/7/2025	
	Aug 27, 2025				
APPROVED BY	<i>Digitally signed by</i>	SIGNATURE	OFFICE	DATE	TITLE
CASEY HILL	ROBERT G HAMILTON		AJV-A431		MANAGER
	Aug 27, 2025				

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DRURY	FOUR	DRURY4.DRURY	THREE	06/25/2015	

A4A ☒
ALPA ☒
AOPA ☒
APA ☒
HAI ☐
NBAA ☒
OTHER: ZME, ZID, BNA ATCT, BNA APP CON, BNA AMGR.

CHANGES - REASONS:

1. UPDATED DP ROUTE DESCRIPTION FOR RWY 2C FROM "TAKEOFF RWYS 2L/C/R: CLIMB HEADING 021.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 2C: CLIMB ON HEADING 020.98 TO INTERCEPT COURSE 349.54 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
2. UPDATED DP ROUTE DESCRIPTION FOR RWY 2L FROM "TAKEOFF RWYS 2L/C/R: CLIMB HEADING 021.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 2L: CLIMB ON HEADING 020.65 TO INTERCEPT COURSE 347.85 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
3. UPDATED DP ROUTE DESCRIPTION FOR RWY 2R FROM "TAKEOFF RWYS 2L/C/R: CLIMB HEADING 021.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 2R: CLIMB ON HEADING 020.99 TO INTERCEPT COURSE 342.37 TO CROSS FRNCS AT OR ABOVE 4000, THEN ON TRACK 262.03 TO CROSS RRETT BETWEEN 5000 AND 7000, THEN ON TRACK 201.99 TO CROSS EVETE AT OR ABOVE 12000, THEN ON TRACK 201.92 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
4. UPDATED DP ROUTE DESCRIPTION FOR RWY 13 FROM "TAKEOFF RWY 13: CLIMB HEADING 136.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 13: CLIMB ON HEADING 136.30 TO 2500, THEN ON HEADING 136.30 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 10000, THENCE..." - ATC REQUEST
5. UPDATED DP ROUTE DESCRIPTION FOR RWY 20C FROM "TAKEOFF RWYS 20L/C/R: CLIMB HEADING 201.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 20C: CLIMB ON HEADING 200.99 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
6. UPDATED DP ROUTE DESCRIPTION FOR RWY 20L FROM "TAKEOFF RWYS 20L/C/R: CLIMB HEADING 201.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 20L: CLIMB ON HEADING 200.99 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
7. UPDATED DP ROUTE DESCRIPTION FOR RWY 20R FROM "TAKEOFF RWYS 20L/C/R: CLIMB HEADING 201.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 20R: CLIMB ON HEADING 200.65 TO 1099, THEN DIRECT DIXII AT OR ABOVE 5000, THEN ON TRACK 240.41 TO CROSS GRCHN AT OR ABOVE 12000, THENCE ..." - ATC REQUEST
8. UPDATED DP ROUTE DESCRIPTION FOR RWY 31 FROM "TAKEOFF RWY 31: CLIMB HEADING 316.00 OR ASSIGNED ATC HEADING, THENCE..." TO "TAKEOFF RWY 31: CLIMB ON HEADING 316.31 TO 3000, THEN ON HEADING 316.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 10000, THENCE..." - ATC REQUEST
9. UPDATED COMMON ROUTE FROM "...EXPECT RADAR VECTORS TO GRCHN, THEN ON TRACK 216.21 TO DRURY. MAINTAIN 4000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN FIVE (5) MINUTES AFTER DEPARTURE." TO "THENCE ON TRACK 216.21 TO DRURY. MAINTAIN 15000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." - ATC REQUEST
10. REMOVED ACKEE TRANSITION AND ASSOCIATED DATA FROM TRANSITION ROUTES - ATC REQUEST
11. UPDATED MEA FOR HAGIE TRANSITION FROM 18000 TO 16700 - NEW OBSTACLE EVALUATION
12. ADDED PBN REQUIREMENT NOTES "RNAV 1 - DME/DME/IRU OR GPS", REMOVES SEPARATE NOTES ON CURRENT FORMS - IAW 8260.46K 2-1-5
13. EQUIPMENT REQUIREMENT NOTES - MOVED RADAR REQUIRED NOTE FROM PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS - IAW 8260.46K 2-1-5
14. UPDATED TAKEOFF MINIMUMS FROM "RWY 2C, 2L, 2R, 13, 20C, 20L, 20R, 31, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100." TO "RWY 13: STANDARD. RWYS 2C, 2L, 2R, 20L, 20R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1099. RWY 31: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3000." - CLIMB GRADIENTS FOR LNAV ENGAGEMENT AND GETTING AIRCRAFT TO MVA WITHIN 10NM OF AIRPORT
15. CHANGED TAKEOFF OBSTACLES NOTES TO "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - IAW 8260.46K APPENDIX E
16. UPDATED CONTROLLING OBSTACLES FROM "RWY 31: 2049 FT MSL TOWER (KJWNT0151) 360827.45N/0865156.48W. RWY 20C, 20L, 20R: 2049 FT MSL TOWER (47-002263) 360250.42N/0864948.93W." TO "RWY 31: 2049 FT MSL TOWER (47-000685) 361550.00N/0864739.00W." - NEW TARGETS EVALUATION SHOWS THE RWYS 20C/L/R OEA TO BE CLEAR
17. ADDED MSA INFORMATION "BNA, 3100." - IAW 8260.46K APPENDIX E
18. CHANGED TOP ALTITUDE CHART NOTE FROM "CHART: TOP ALTITUDE: 4000" TO "CHART: TOP ALTITUDE: 15000" - ATC REQUEST.
19. CHANGED MAG VAR VERBIAGE FROM "REFERENCE MAG VAR: KBNA 3W EPOCH YEAR: 2010." TO "AIRPORT MV: BNA 3W/2010." - IAW 8260.46K APPENDIX E
20. REMOVED "CHART: MEA/MOCA FROM GRCHN TO DRURY, 8400/2500." FROM ADDITIONAL FLIGHT DATA - NOT REQUIRED BY CRITERIA
21. REMOVED PILOT NAVIGATION AREA INFORMATION - NO LONGER REQUIRED IN CRITERIA PER 8260.46K
22. UPDATED AIRPORTS SERVED TO "BNA, NASHVILLE, TN" - IAW 8260.46K APPENDIX E



23. CHANGED COMMUNICATIONS LIST FROM "ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, WEST DEPARTURE CONTROL (119.35/372.0)." TO "CHART ATIS, CLEARANCE DELIVERY, GROUND CONTROL, NASHVILLE TOWER, CPDLC" IAW 8260.46K APPENDIX E

24. REMOVED 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." - OBSTACLE IS STILL THERE, BUT IT'S NOT A CONTROLLING OBSTACLE.

25. PROCEDURAL DATA NOTES: REMOVED NOTE: IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT - IAW 8260.46K.

26. PROCEDURAL DATA NOTES: REMOVED NOTE: TRANSPONDER CODE WILL BE ISSUED VIA PDC OR NASHVILLE CLEARANCE DELIVERY - IAW 8260.46K.

27. PROCEDURAL DATA NOTES: CHANGED NOTE FROM "FOR TURBOJET AIRCRAFT ONLY" TO "JET AIRCRAFT ONLY" - IAW 8260.46K.

1. CHANGED RWY 13 DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 13: CLIMB ON HEADING 136.30 TO 2500, THEN ON HEADING 136.30 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 10000, THENCE..." TO "TAKEOFF RWY 13: CLIMB ON HEADING 136.30 TO 2500, THEN ON HEADING 136.30 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS GRCHN AT OR ABOVE 12000, THENCE...".

TAKEOFF MINIMUMS: ADDED RWY 20C TO: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1099



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
DRURY		FOUR		DRURY4.DRURY		THREE		06/25/2015	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW02C (AER)	360611.99N/0864116.66W	N	-	-	-	-			
-	360827.49N/0864022.43W	-	-	VI	017.98	2.37			CG 500 FT/NM TO 1099
FRNCS	361731.46N/0864302.98W	Y	FB	CF	346.54	9.31	AT/ABOVE 4000		
RRETT	361620.23N/0865035.35W	Y	FB	TF	259.03	6.21	5000B7000		
EVETE	360002.81N/0865729.23W	Y	FB	TF	198.99	17.20	AT/ABOVE 12000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	198.92	13.40	AT/ABOVE 12000		
RW02L (AER)	360703.63N/0864111.31W	N	-	-	-	-			
-	360918.45N/0864018.41W	-	-	VI	017.65	2.35			CG 500 FT/NM TO 1099
FRNCS	361731.46N/0864302.98W	Y	FB	CF	344.85	8.50	AT/ABOVE 4000		
RRETT	361620.23N/0865035.35W	Y	FB	TF	259.03	6.21	5000B7000		
EVETE	360002.81N/0865729.23W	Y	FB	TF	198.99	17.20	AT/ABOVE 12000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	198.92	13.40	AT/ABOVE 12000		
RW02R (AER)	360645.77N/0864003.51W	N	-	-	-	-			
-	360904.90N/0863907.81W	-	-	VI	017.99	2.43			CG 500 FT/NM TO 1099
FRNCS	361731.46N/0864302.98W	Y	FB	CF	339.37	9.01	AT/ABOVE 4000		
RRETT	361620.23N/0865035.35W	Y	FB	TF	259.03	6.21	5000B7000		
EVETE	360002.81N/0865729.23W	Y	FB	TF	198.99	17.20	AT/ABOVE 12000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	198.92	13.40	AT/ABOVE 12000		
RW13 (AER)*	360823.17N/0864136.18W	N	-	-	-	-			*DISPL THLD (800.0 FT)

QUALITY
16
CHECKED

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DRURY					FOUR	DRURY4.DRURY	THREE	06/25/2015	
2500 MSL	-	-	-	VA	133.30	-	AT/ABOVE 2500		
-	-	-	-	VM	133.30	-			
RW20C (AER)	360727.24N/0864046.55W	N	-	-	-	-			
1099 MSL	-	-	-	VA	197.99	-	AT/ABOVE 1099	CG 500 FT/NM TO 1099	
DIXII	355644.40N/0864450.83W	Y	FB	DF	-	-	AT/ABOVE 5000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	237.41	17.36	AT/ABOVE 12000		
RW20L (AER)	360801.01N/0863933.40W	N	-	-	-	-			
1099 MSL	-	-	-	VA	197.99	-	AT/ABOVE 1099		
DIXII	355644.40N/0864450.83W	Y	FB	DF	-	-	AT/ABOVE 5000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	237.41	17.36	AT/ABOVE 12000		
RW20R (AER)	360816.23N/0864042.83W	N	-	-	-	-			
1099 MSL	-	-	-	VA	197.65	-	AT/ABOVE 1099	CG 500 FT/NM TO 1099	
DIXII	355644.40N/0864450.83W	Y	FB	DF	-	-	AT/ABOVE 5000		
GRCHN	354721.09N/0870249.67W	Y	FB	TF	237.41	17.36	AT/ABOVE 12000		
RW31 (AER)*	360718.81N/0864012.01W	N	-	-	-	-		*DISPL THLD (741.0 FT)	
3000 MSL	-	-	-	VA	313.31	-	AT/ABOVE 3000	CG 250 FT/NM TO 3000	
-	-	-	-	VM	313.31	-			
GRCHN	354721.09N/0870249.67W	Y	-	IF	-	-	AT/ABOVE 12000		
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
DRURY		FOUR		DRURY4.DRURY		THREE		06/25/2015	
DRURY	353740.56N/0871034.89W	Y	-	IF	-	-		DRURY4.HAGIE	
HAGIE	344225.87N/0872929.76W	Y	FB	TF	195.79	57.30			
DRURY	353740.56N/0871034.89W	Y	-	IF	-	-		DRURY4.JALAR	
JALAR	350042.69N/0873407.37W	Y	FB	TF	207.68	41.63			

