Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: SID	Date Open: 09/21/2010	Task #: 2010092125714102005	Request #: 20100921257141
Procedure: SID DRURY (RNAV) ONE NASHVILLE TN KBNA		Airport ID: KBNA	Airport: NASHVILLE INTL		Reimbursable #:
City: NASHVILLE	ST: TN	GPS #:		Estimated Chart Date: 11/15/2012	FICO #: 1090919
Fac ID: BNA	Fac. Type: Proc-D	Specialist: DAVID SAUER			

P1

DME / DME

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/04/2012	07/20/2012	DONALD SMITH	
QA:	07/20/2012	07/20/2012	STEVEN SZUKALA	
Liaison:	07/20/2012		K. Spurlin	P1; ESV; DME/DME; REPLACEMENT 8/6/12

ESV REQUEST INCLUDED

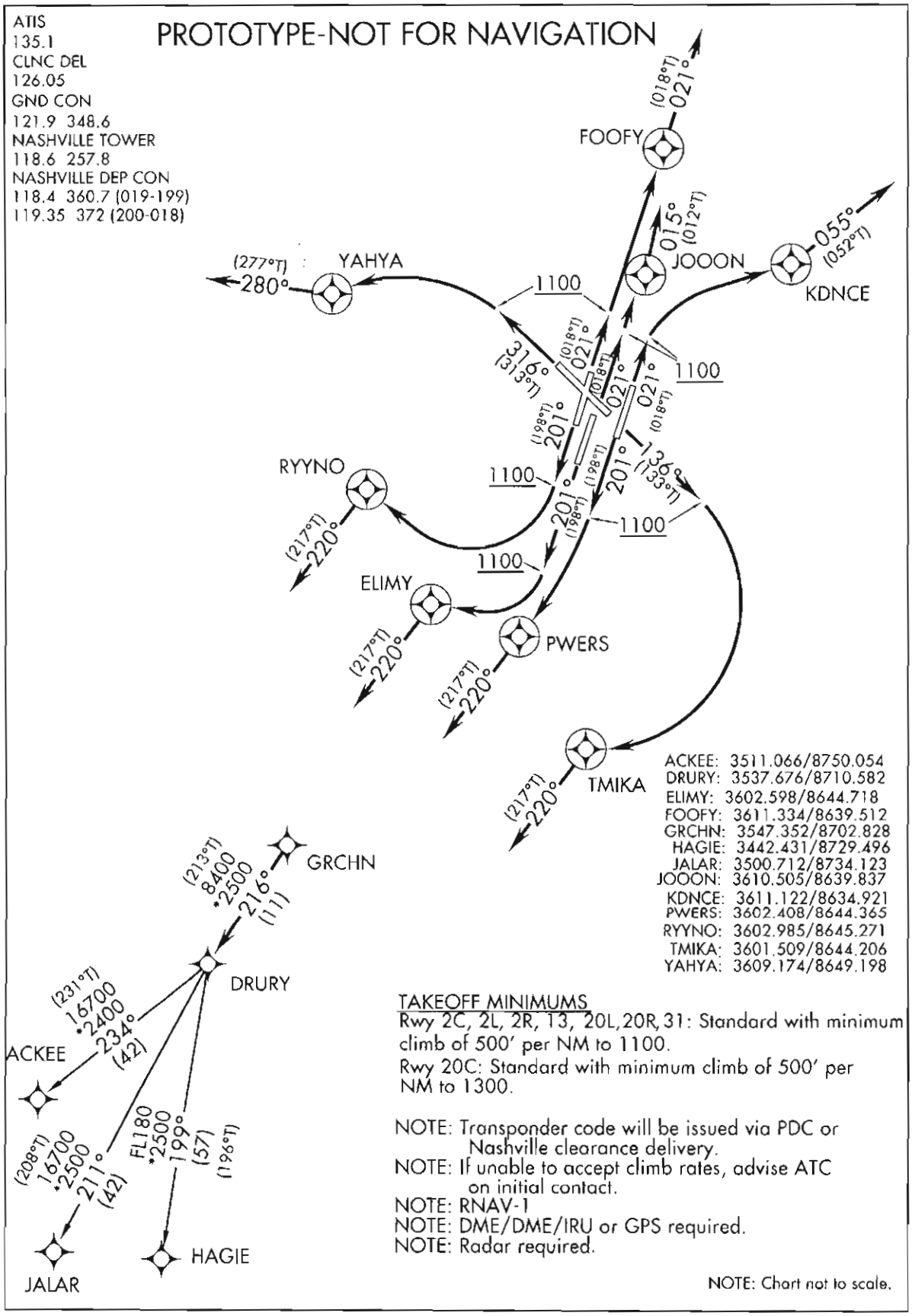
Procedure Comments: ENROUTE **Remark Type:** INFORMATION PKG 10 of 14

NASHVILLE, TN; NASHVILLE INTL (KBNA); SID DRURY (RNAV) ONE; ENROUTE-YES; FC BY 9/18/12 PUB 11/15/12
ESV(S): (5): NASHVILLE (BNA) VTAC (2); GRAHAM (GHM) VTAC (1); HAMILTON (HAB) VTAC (1); ROCKET (RQZ) VTAC (1).
ATTACHED FORMS: 8260-15B, 8260-15C
8260-2(S): ACKEE, ORIG; DRURY, ORIG; ELIMY, ORIG; FOOFY, ORIG; GRCHN, ORIG; HAGIE, ORIG; JALAR, ORIG; JOOON, ORIG; KDNCE, ORIG; PWERS, ORIG; RYYNO, ORIG; TMIKA, ORIG; YAHYA, ORIG.
REPLACEMENT 8/6/12; 8260-15B
CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.

DRURY ONE DEPARTURE

NASHVILLE INTL (BNA)
NASHVILLE, TENNESSEE

ATIS
135.1
CLNC DEL
126.05
GND CON
121.9 348.6
NASHVILLE TOWER
118.6 257.8
NASHVILLE DEP CON
118.4 360.7 (019-199)
119.35 372 (200-018)



ACKEE: 3511.066/8750.054
DRURY: 3537.676/8710.582
ELIMY: 3602.598/8644.718
FOOFY: 3611.334/8639.512
GRCHN: 3547.352/8702.828
HAGIE: 3442.431/8729.496
JALAR: 3500.712/8734.123
JOOON: 3610.505/8639.837
KDNCE: 3611.122/8634.921
PWERS: 3602.408/8644.365
RYYNO: 3602.985/8645.271
TMIKA: 3601.509/8644.206
YAHYA: 3609.174/8649.198

TAKEOFF MINIMUMS
Rwy 2C, 2L, 2R, 13, 20L, 20R, 31: Standard with minimum climb of 500' per NM to 1100.
Rwy 20C: Standard with minimum climb of 500' per NM to 1300.

NOTE: Transponder code will be issued via PDC or Nashville clearance delivery.
NOTE: If unable to accept climb rates, advise ATC on initial contact.
NOTE: RNAV-1
NOTE: DME/DME/IRU or GPS required.
NOTE: Radar required.

NOTE: Chart not to scale.

DRURY ONE DEPARTURE
NASHVILLE, TENNESSEE
NASHVILLE INTL (BNA)
(DRURY1.DRURY) FIG

AUTOMATED SL-282 DRURY DEPARTURE

SE-1
18 JUN 2012
COMPILER: CW
REVIEWER:
DBL CHK:
EFF: FIG
UID#: 16823

DRURY ONE DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2C: Climb heading 021° to 1100 MSL, then direct JOOON, then on heading 015°, thence. . . .
TAKEOFF RUNWAY 2L: Climb heading 021° to 1100 MSL, then direct FOOFY, then on heading 021°, thence. . . .
TAKEOFF RUNWAY 2R: Climb heading 021° to 1100 MSL, then right turn direct KDNCE, then on heading 055°, thence. . . .
TAKEOFF RUNWAY 13: Climb heading 136° to 1100 MSL, then right turn direct TIMKA, then on heading 220°, thence. . . .
TAKEOFF RUNWAY 20C: Climb heading 201° to 1100 MSL, then right turn direct ELIMY, then on heading 220°, thence. . . .
TAKEOFF RUNWAY 20L: Climb heading 201° to 1100 MSL, then direct PWERS, then on heading 220°, thence. . . .
TAKEOFF RUNWAY 20R: Climb heading 201° to 1100 MSL, then right turn direct RYYNO, then on heading 220°, thence. . . .
TAKEOFF RUNWAY 31: Climb heading 316° to 1100 MSL, then left turn direct YAHYA, then on heading 280°, thence. . . .

. . . .Expect radar vectors to GRCHN, then on track 216° to DRURY, maintain 4000. Expect clearance to filed altitude within 5 minutes after departure.

ACKEE TRANSITION (DRURY1.ACKEE)
HAGIE TRANSITION (DRURY1.HAGIE)
JALAR TRANSITION (DRURY1.JALAR)

TAKEOFF OBSTACLE NOTES

Rwy 2L: Trees beginning 203′ from DER, 489′ right of centerline, up to 60′ AGL/576′ MSL.
Rwy 13: Blast fence obstruction light 335′ from DER, 64′ left of centerline, 6′ AGL/595′ MSL.
Trees beginning 2852′ from DER, 28′ right of centerline, up to 60′ AGL/685′ MSL.
Pole 3761′ from DER, 726′ right of centerline, 60′ AGL/689′ MSL.
Rwy 20C: Trees beginning 2089′ from DER, 934′ right of centerline, up to 60′ AGL/623′ MSL.
Rwy 20L: Trees beginning 1844′ from DER, 720′ left of centerline, up to 60′ AGL/639′ MSL.
Rwy 20R: Flagpole 1298′ from DER, 777′ right of centerline, 37′ AGL/636′ MSL.
Building 2183′ from DER, 1083′ right of centerline, 91′ AGL/680′ MSL.
Rwy 31: Ground 2′ from DER, 498′ left of centerline, 541′ MSL.
LOC obstruction light 303′ from DER, on centerline, 48′ AGL/547′ MSL.
Blast fence obstruction light 382′ from DER, 50′ left of centerline, 30′ AGL/569′ MSL.
Trees beginning 789′ from DER, 331′ right of centerline, up to 60′ AGL/602′ MSL.
Pole 1012′ from DER, 429′ left of centerline, 29′ AGL/578′ MSL.
Transmission tower 1882′ from DER, 219′ right of centerline, 61′ AGL/610′ MSL.
Pole 2037′ from DER, 422′ right of centerline, 47′ AGL/596′ MSL.
Transmission tower 2778′ from DER, 83′ left of centerline, 91′ AGL/630′ MSL.

PROTOTYPE-NOT FOR NAVIGATION

DRARY

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : GRAHAM	City : GRAHAM	Ident : GHM	State : TN
Type/Class : TACR	Frequency : M1014	Reference No.: 12031150	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 755483-008	173	185	48	120	240

Requirement: ESTABLISH ESV FOR KBNA RNAV SIDS

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/22/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755483-008	173	185	48	120	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST AND MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 03/27/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755483-008	173	185	48	120	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 03/28/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 755483-008	173	185				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office	Airspace Docket Number:	Request Type: Establish	
Facility Data			
Chart Name: NASHVILLE	City: NASHVILLE	Ident: BNA	State: TN
Type/Class: TACR	Frequency: M1175	Reference No.: 12031146	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698156-034	206	216	85	90	165

Requirement: ESTABLISH ESV FOR KBNA RNAV SIDS

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/22/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-034	206	216	85	90	165	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 03/27/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-034	206	216	85	90	165	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 03/28/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-034	206	216				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : NASHVILLE	City : NASHVILLE	Ident : BNA	State : TN
Type/Class : TACR	Frequency : M1175	Reference No.: 12031148	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 698156-035	212	229	85	70	165

Requirement: ESTABLISH ESV FOR KBNA RNAV SIDS

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/22/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-035	212	229	85	70	165	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Cassella Charles	Routing Symbol:	Date: 03/27/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-035	212	229	85	70	165	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 03/28/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698156-035	212	229				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

Draft

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : HAMILTON	City : HAMILTON	Ident : HAB	State : AL
Type/Class : TACR	Frequency : M1002	Reference No.: 12031147	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 701833-015	25	35	65	120	240

Requirement: ESTABLISH ESV FOR KBNA RNAV SIDS

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/22/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701833-015	25	35	65	120	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Cassella Charles	Routing Symbol.	Date. 03/26/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701833-015	25	35	65	120	240	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT.

Signature: Hughes Dennis	Routing Symbol:	Date: 03/27/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 701833-015	25	35				

Requirement/Remarks:

Signature:	Routing Symbol:	Date:

ESV Details

Originating Office :	Airspace Docket Number :	Request Type : Establish	
Facility Data			
Chart Name : ROCKET	City : HUNTSVILLE	Ident : RQZ	State : AL
Type/Class : TACR	Frequency : M1020	Reference No.: 12031149	

Expanded Service Volume Data: (Requesting Officer)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude
FAA 720498-014	281	299	52	120	250

Requirement: ESTABLISH ESV FOR KBNA RNAV SIDS

Signature: Osterhage Dennis	Routing Symbol: AJV-E2	Date: 03/22/2012

Expanded Service Volume Data: (FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 720498-014	281	299	52	120	250	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT

Signature: Cassella Charles	Routing Symbol:	Date: 03/27/2012

Expanded Service Volume Data: (Super FMO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 720498-014	281	299	52	120	250	APPROVE

Requirement/Remarks: ESTABLISH ESV FOR KBNA RNAV SIDSAPPROVED. PEND. FLIGHT CHK/INSPECT @ THE REQ. DIST. AND MIN ALT

Signature: CHRISTEIN THOMAS	Routing Symbol:	Date: 03/28/2012

Expanded Service Volume Data: (FIFO)

ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 720498-014	281	299				

Requirement/Remarks:

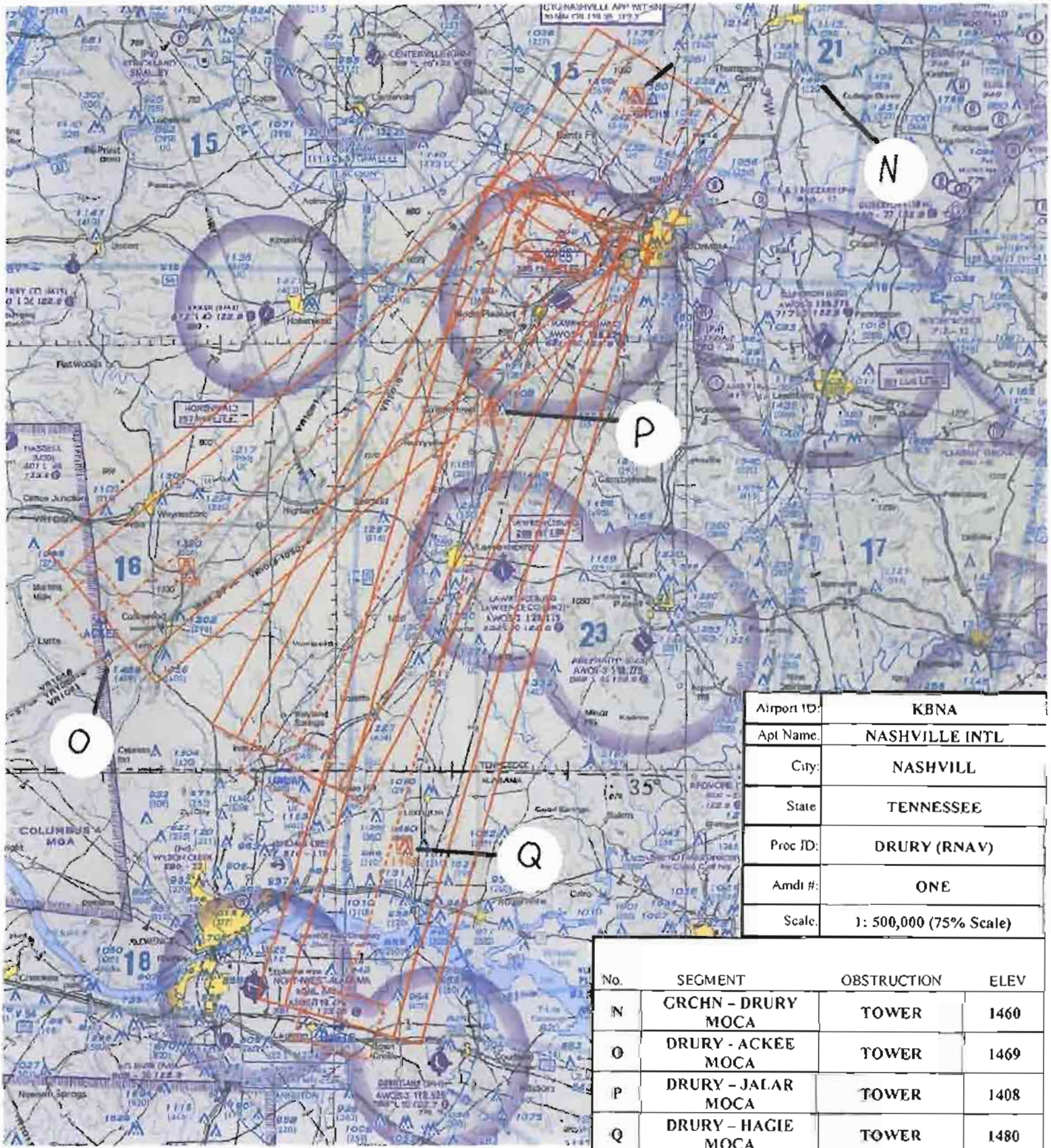
Signature:	Routing Symbol:	Date:

DRU-A1

NM 9 18 27 36 45 54 63

FT 56000 112000 168000 224000 280000 336000 392000

fpodws | bna_dru_c (PROD) | 21 May 2012 11:27:15 | 1" = 55666.8 feet (MAP)



Airport ID:	KBNA
Apt Name:	NASHVILLE INTL
City:	NASHVILL
State	TENNESSEE
Proc ID:	DRURY (RNAV)
Amdt #:	ONE
Scale:	1: 500,000 (75% Scale)

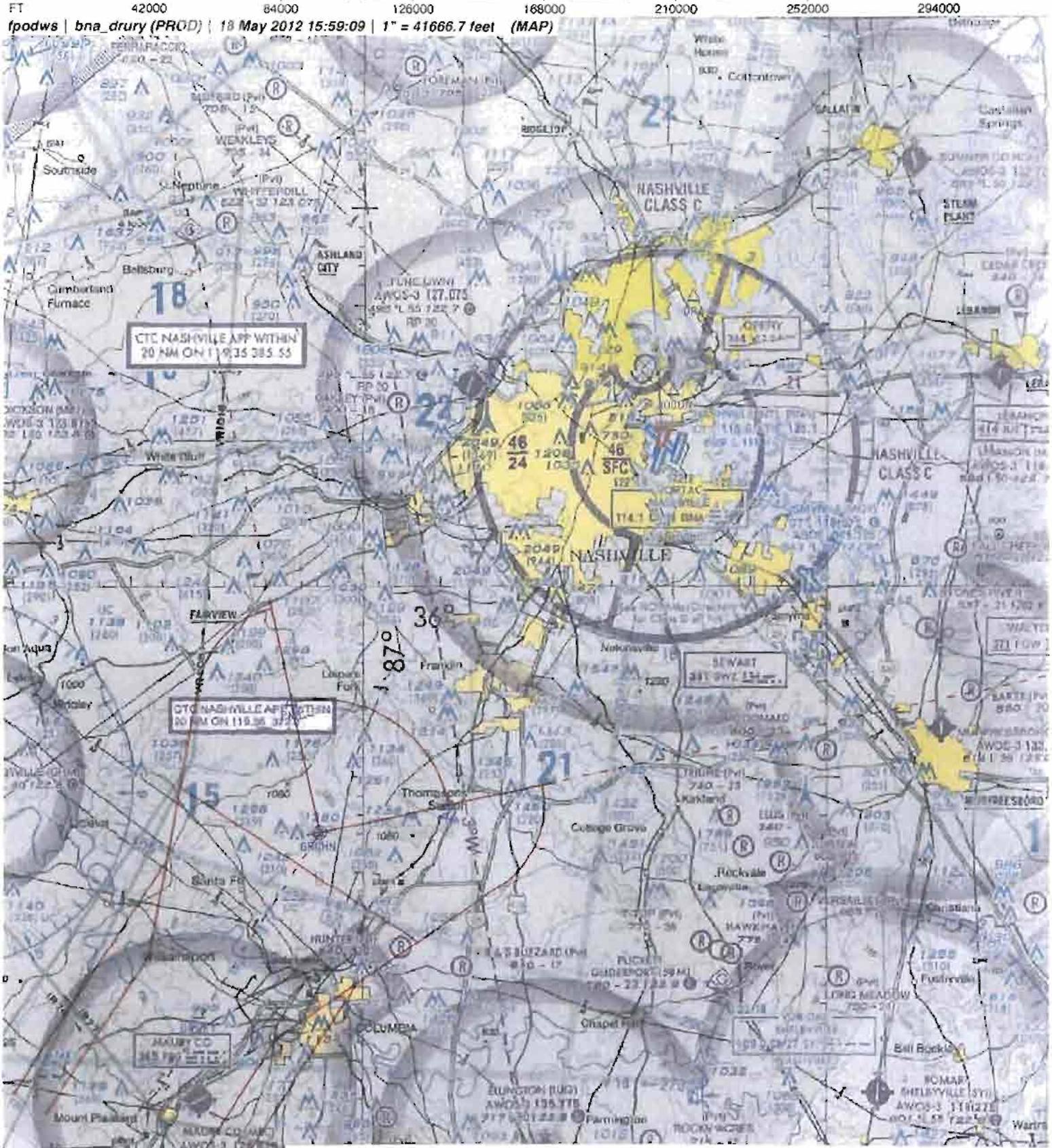
No.	SEGMENT	OBSTRUCTION	ELEV
N	GRCHN – DRURY MOCA	TOWER	1460
O	DRURY - ACKEE MOCA	TOWER	1469
P	DRURY – JALAR MOCA	TOWER	1408
Q	DRURY – HAGIE MOCA	TOWER	1480

2C

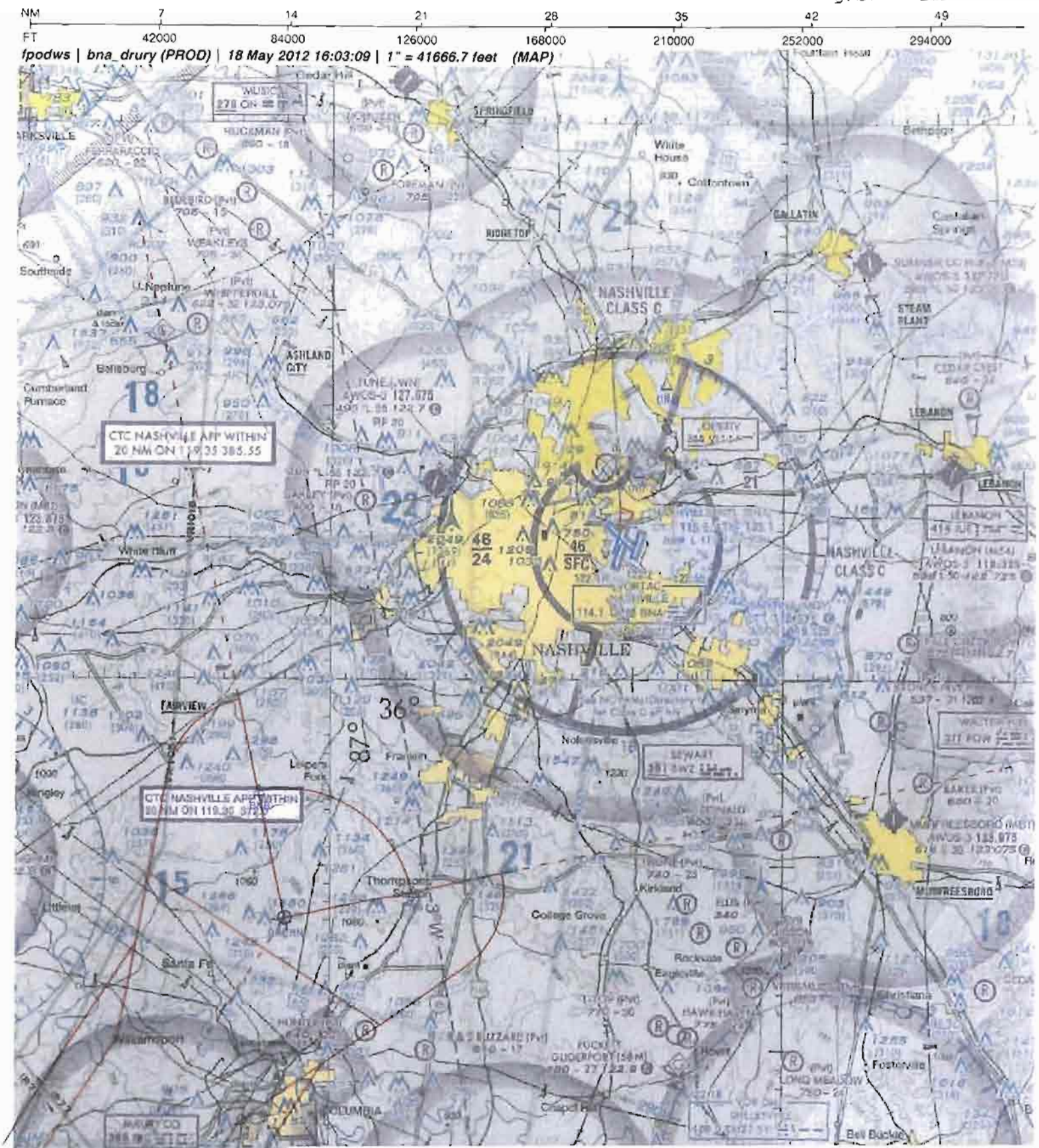
NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fpodws | bna_drury (PROD) | 18 May 2012 15:59:09 | 1" = 41666.7 feet (MAP)



Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL		RWY 02C PNA		ASC
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 500,000				



Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL		RWY 02L PNA		ASC
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
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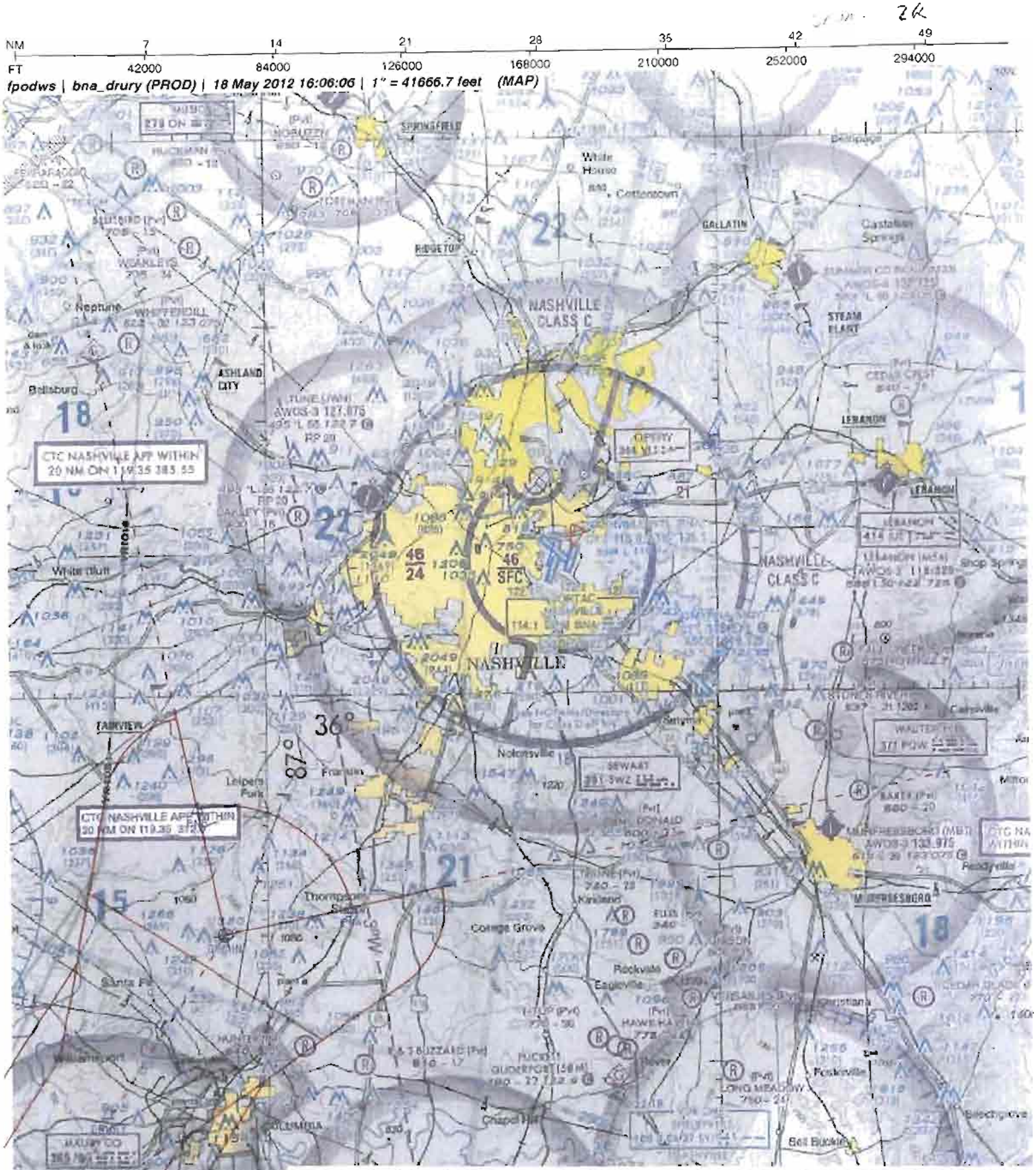
2K



Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL		RWY 02R PNA		ASC
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
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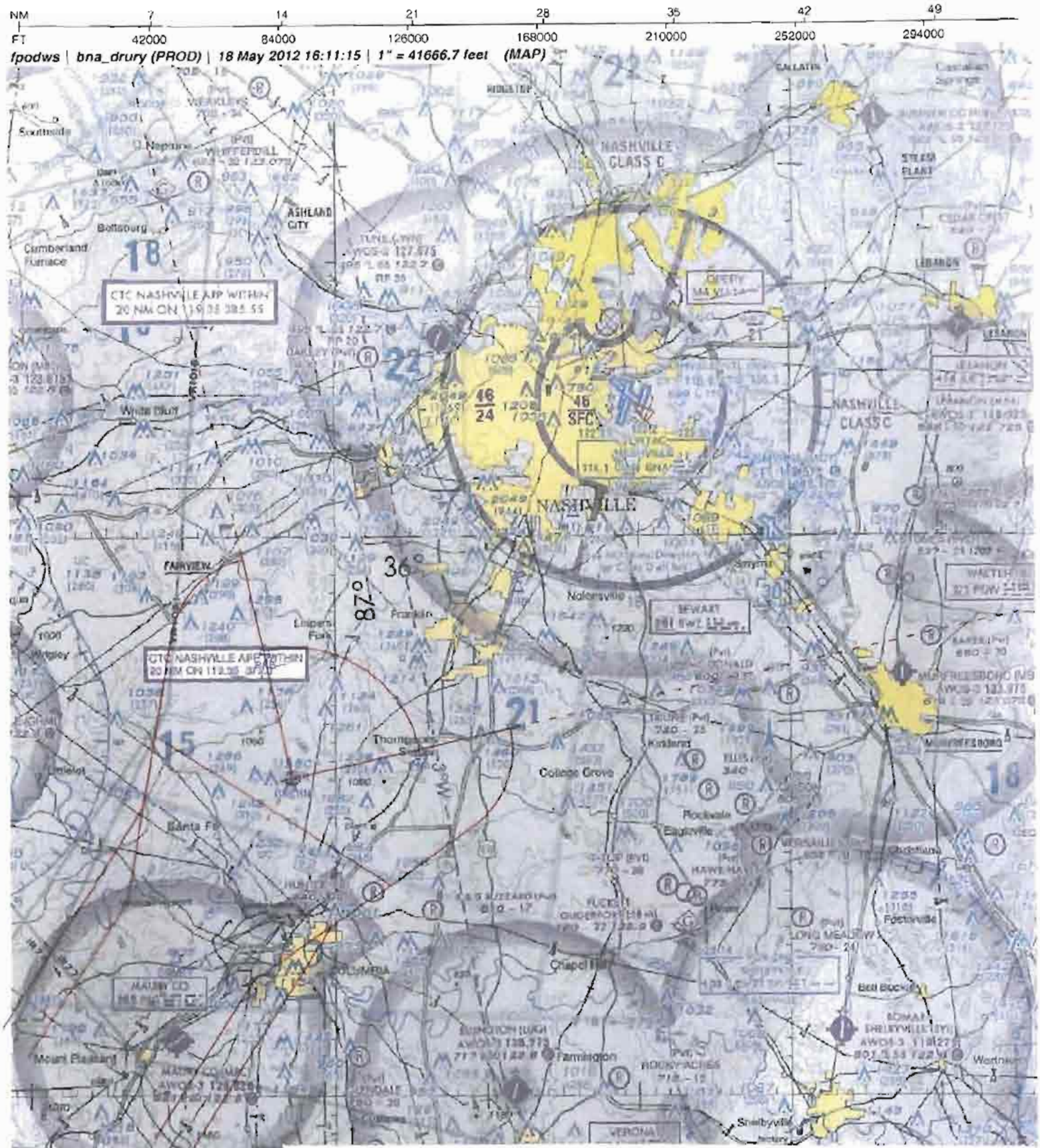
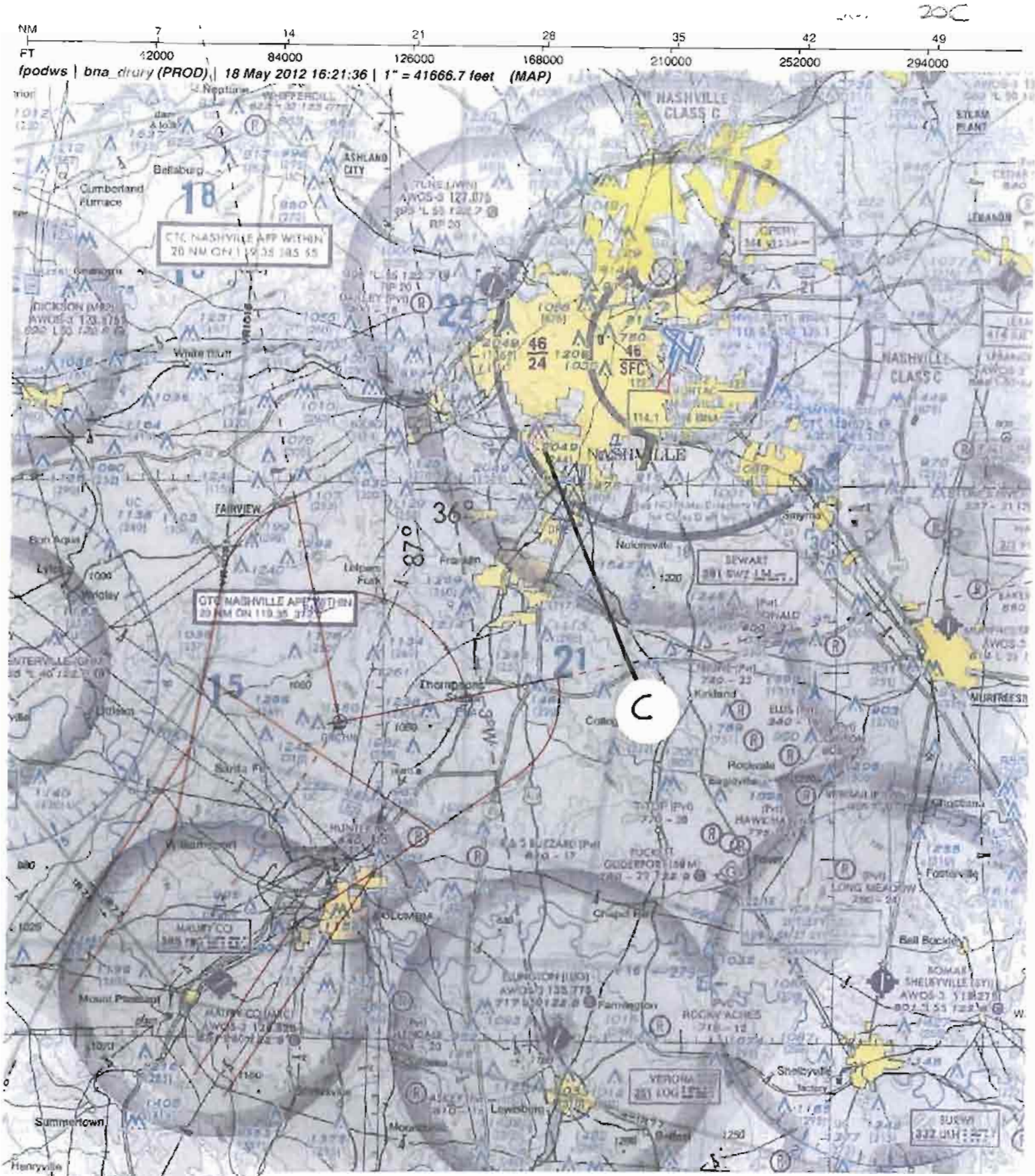


Airport ID	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City.	NASHVILL		RWY 13 PNA		ASC
State.	TENNESSEE				
Proc ID	DRURY (RNAV)				
Amdt #	ONE				
Scale	1: 500,000				

20C



Airport ID:	KBNA				
Apt Name	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	NASHVILL	C	RWY 20C PEN	TOWER	2049
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
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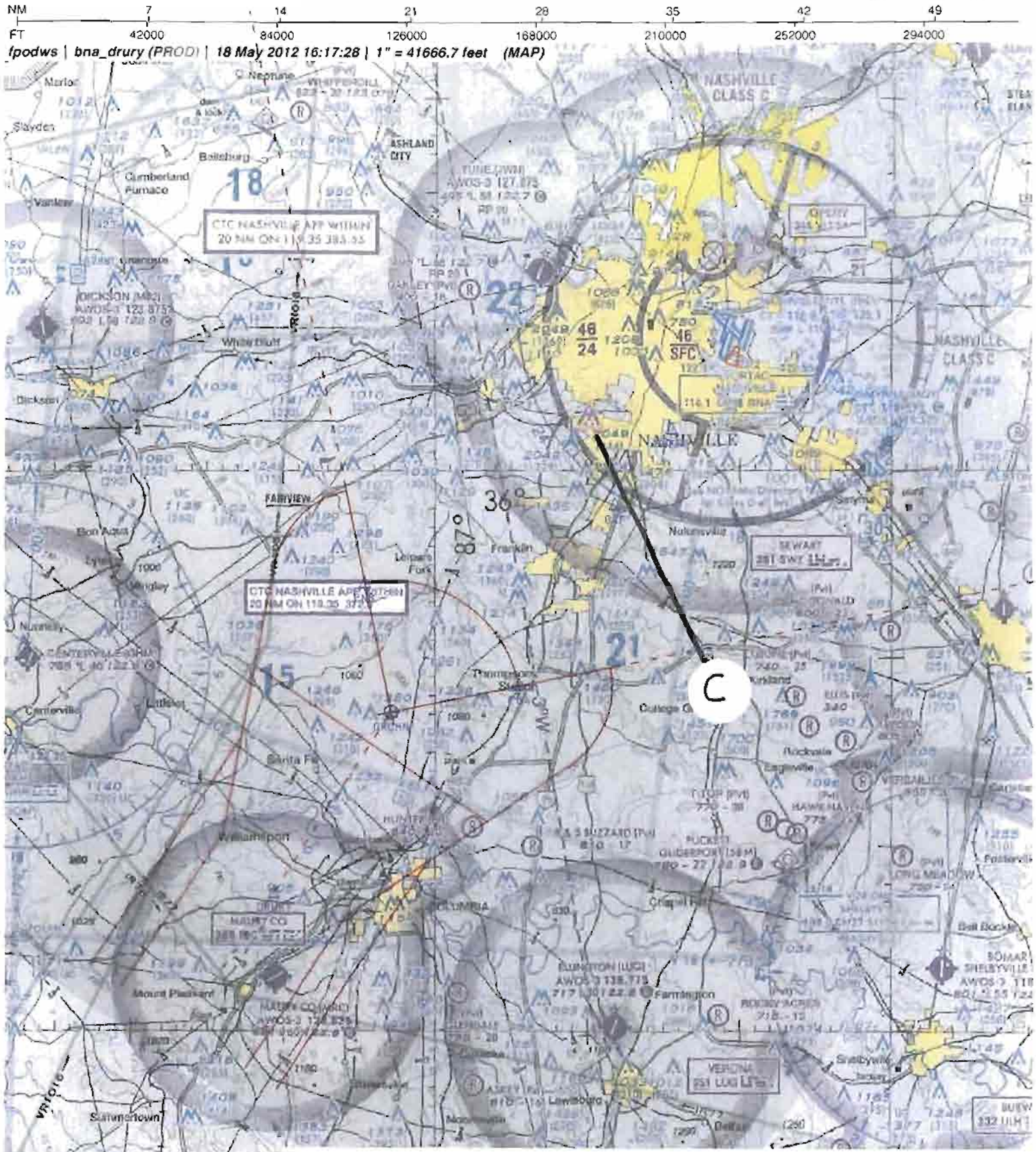

Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL	C	RWY 20L PEN	TOWER	2049
State:	TENNESSEE				
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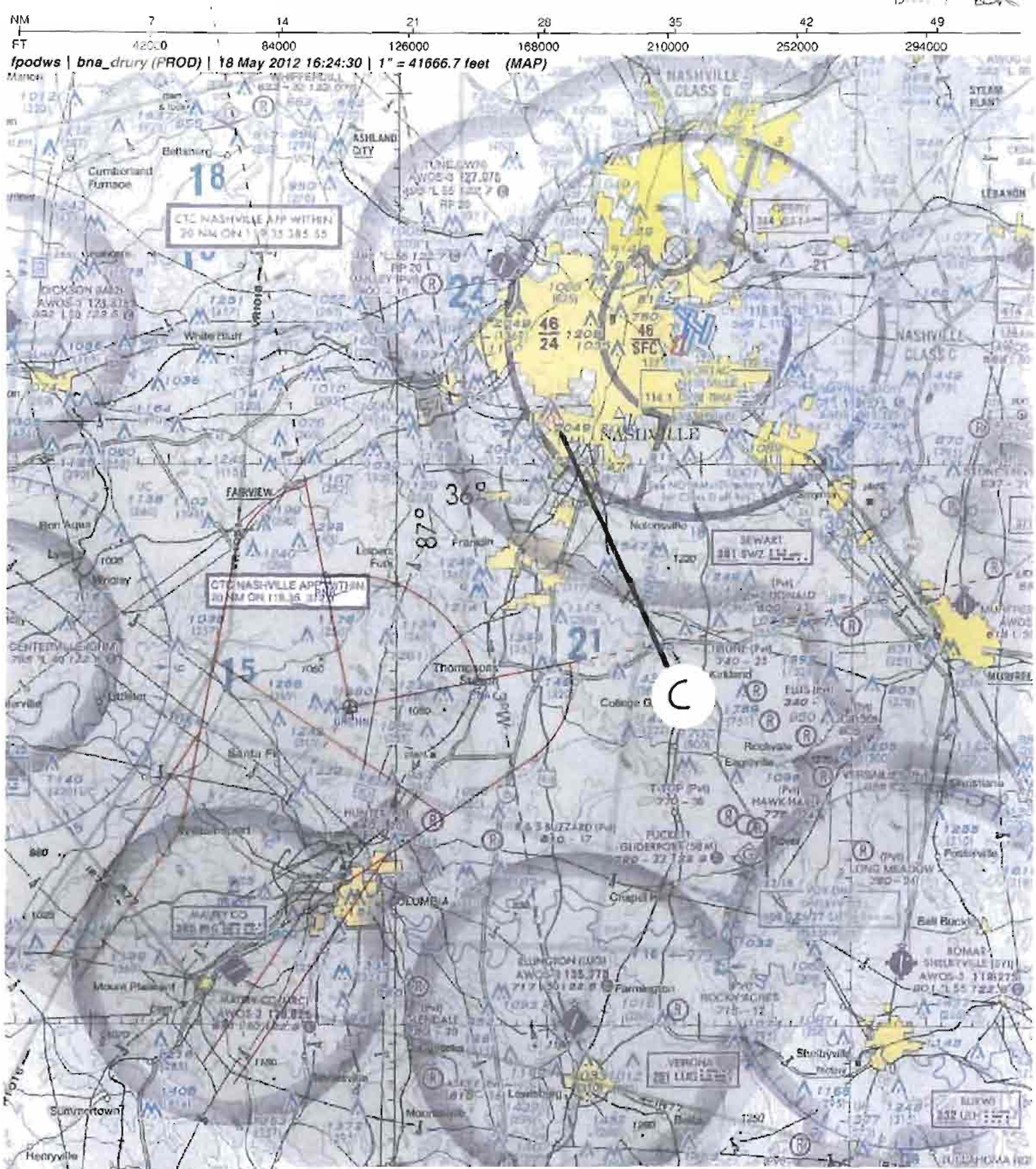

Airport ID.	KBNA				
Apt Name.	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	NASHVILL	C	RWY 20R PEN	TOWER	2049
State.	TENNESSEE				
Proc ID.	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 500,000				

NM	7	14	21	28	35	42	49
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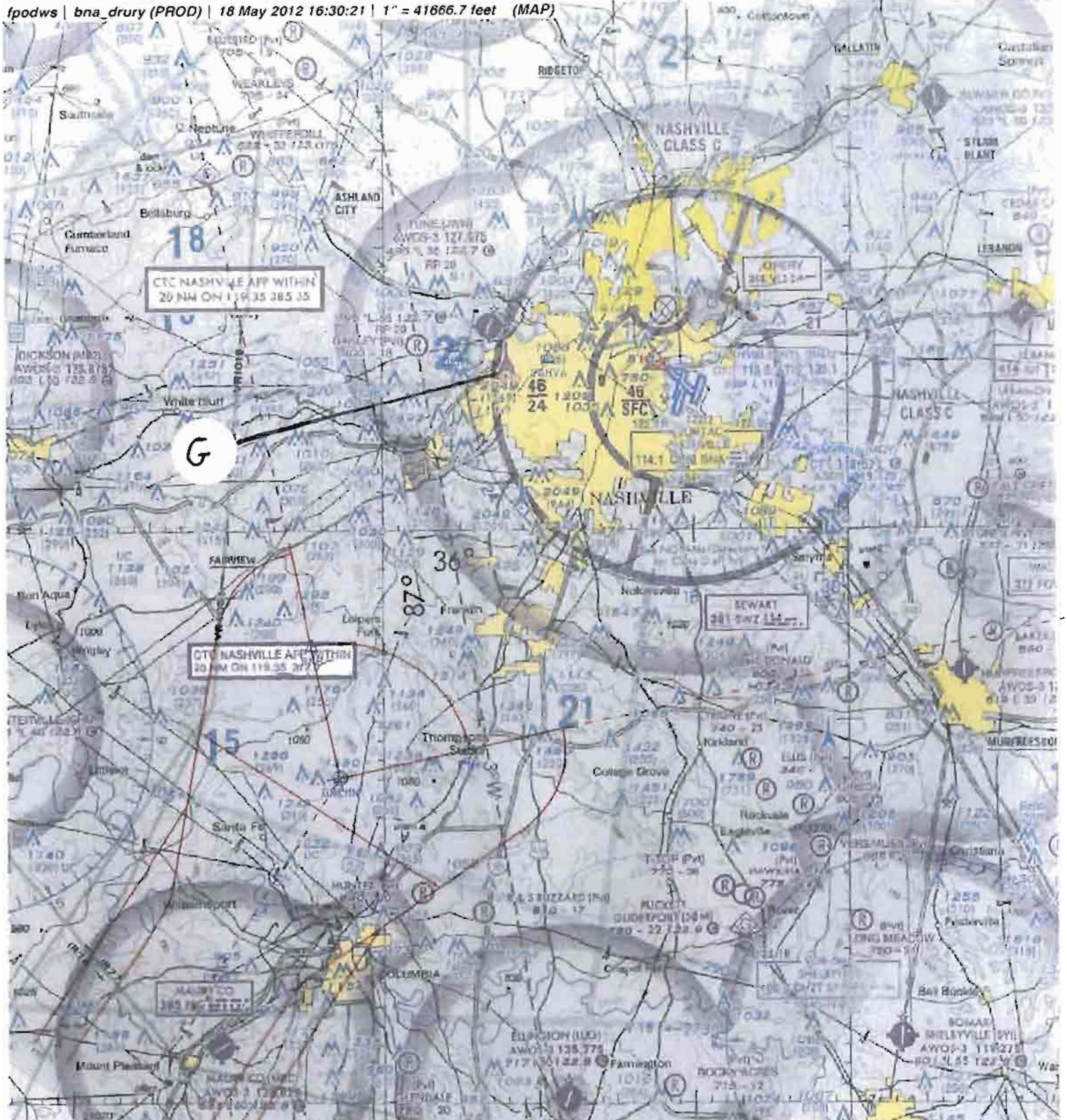
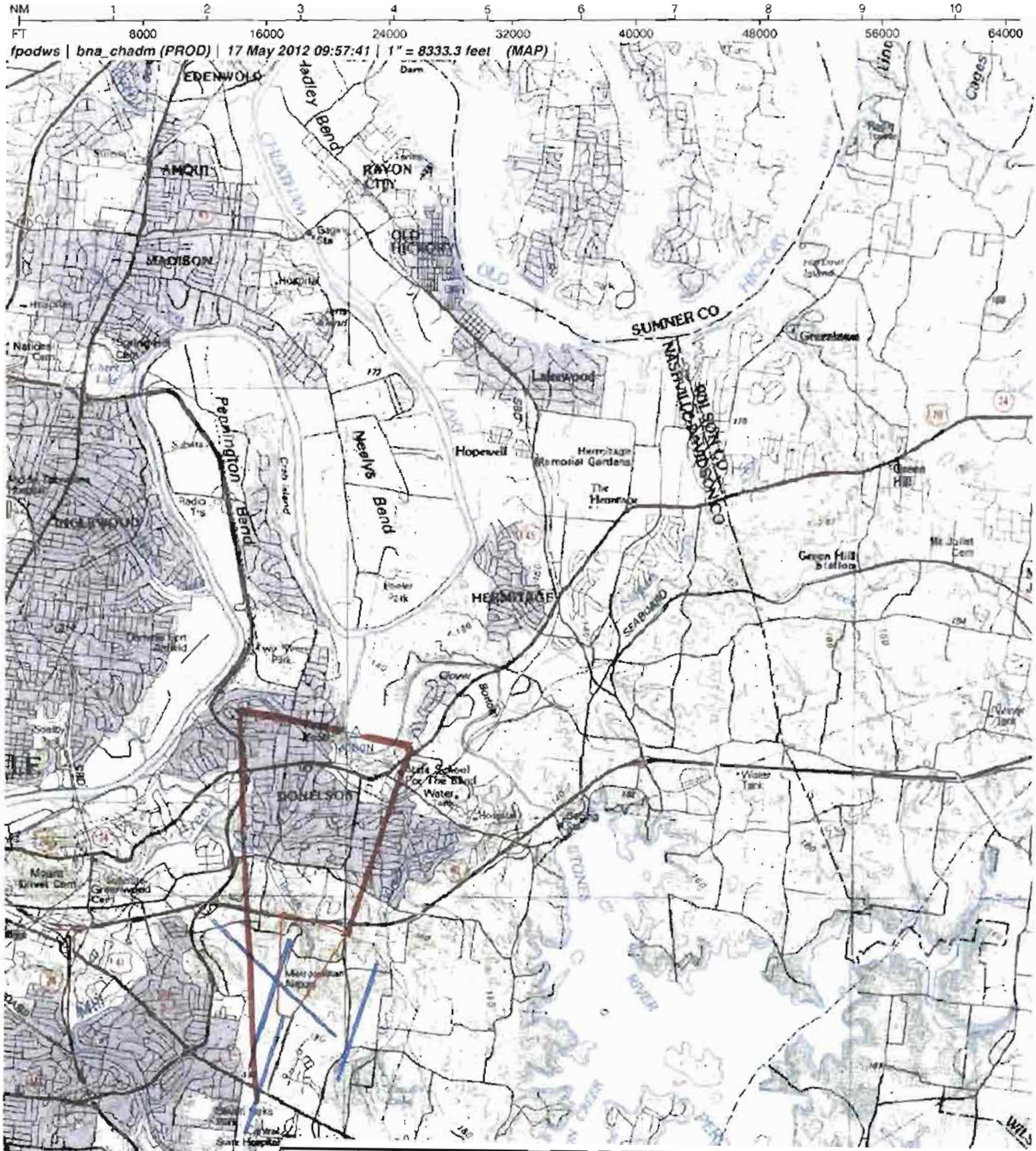
fpodws | bna_drury (PROD) | 18 May 2012 16:30:21 | 1" = 41666.7 feet (MAP)



Airport ID.	KBNA
Apt Name:	NASHVILLE INTL
City:	NASHVILL
State:	TENNESSEE
Proc ID.	DRURY (RNAV)
Amdt #:	ONE
Scale:	1: 500,000

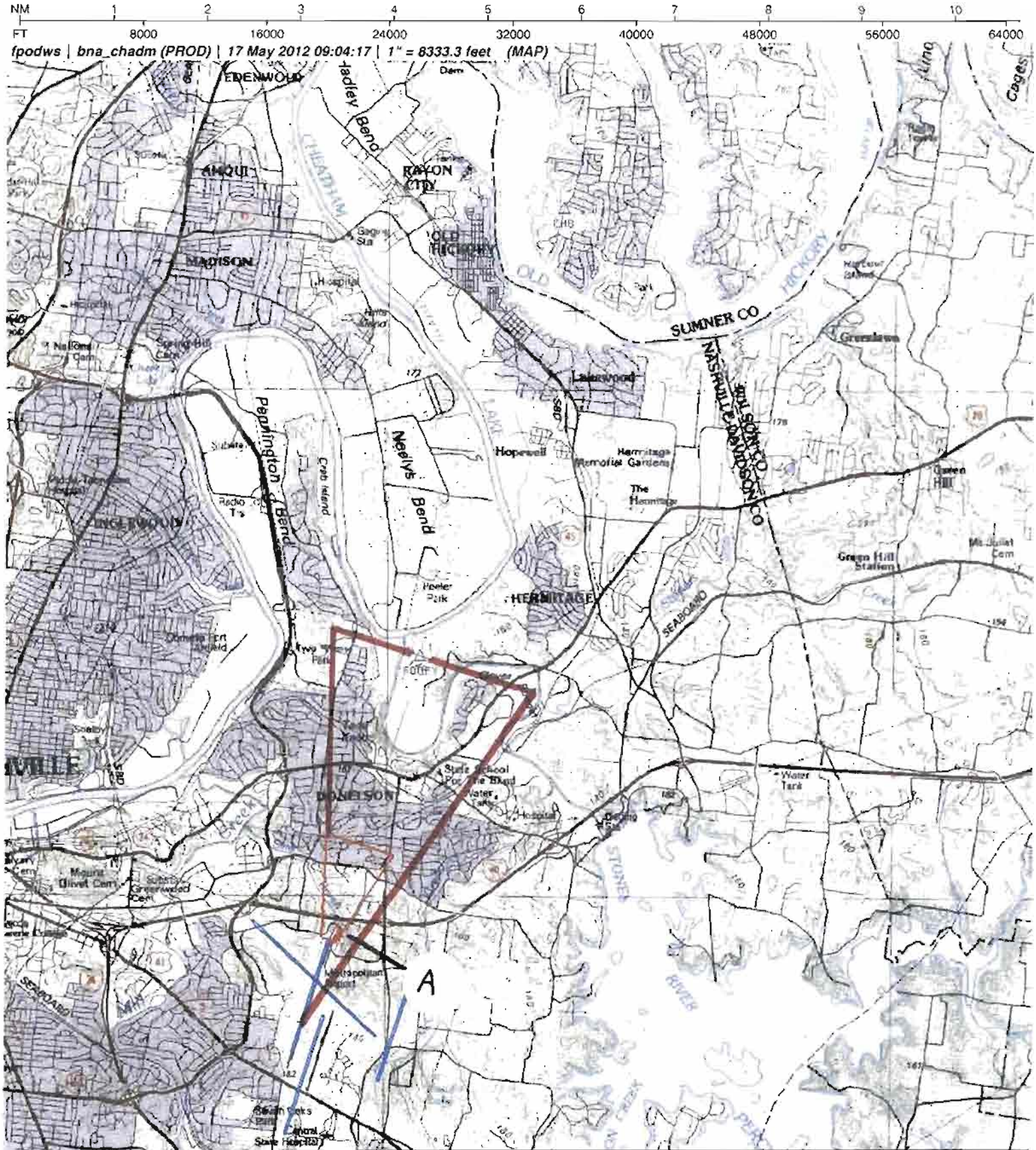
No.	SEGMENT	OBSTRUCTION	ELEV
G	RWY 31 PEN	ANT	2049

DRUPY 2C

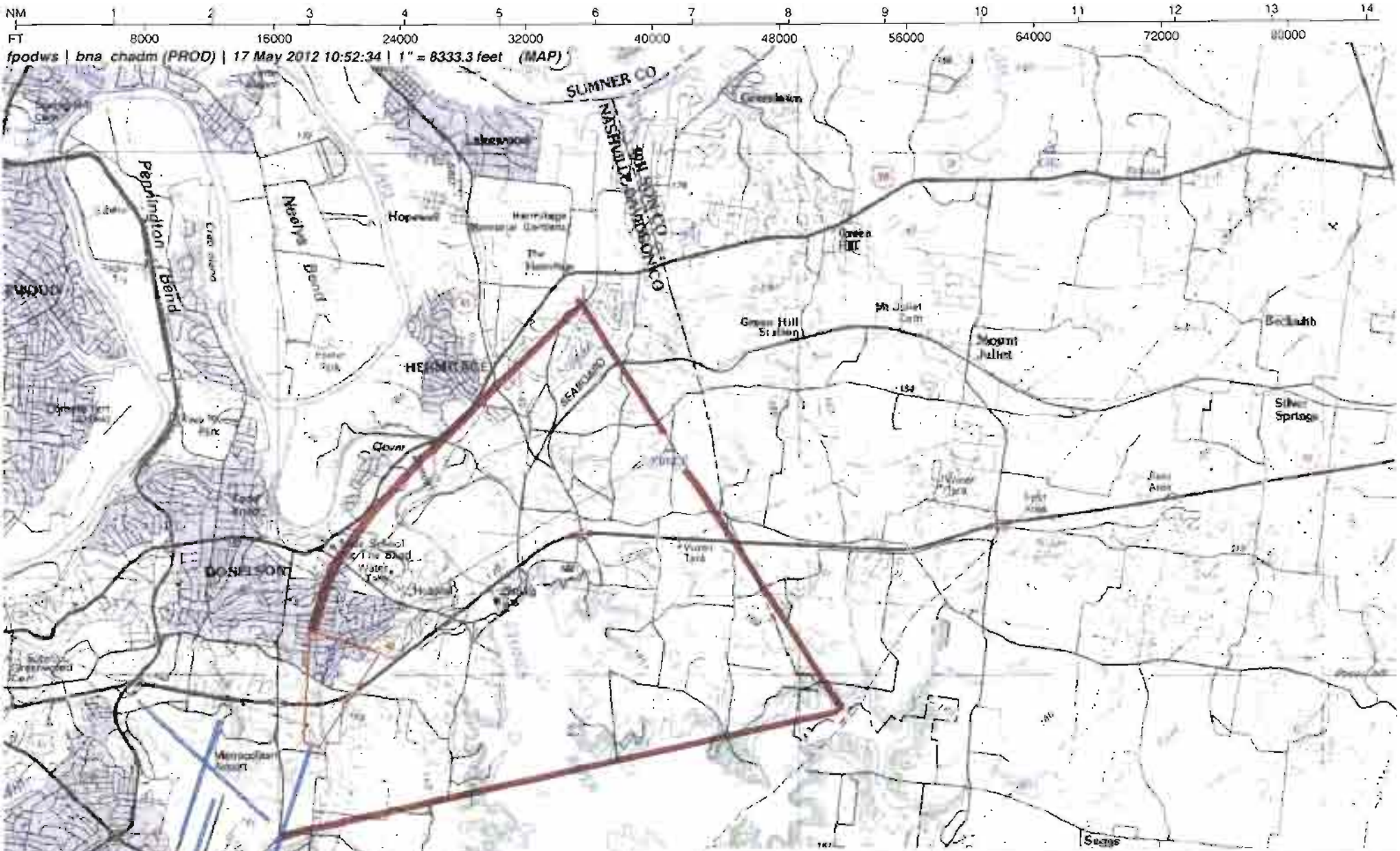


Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL		RWY 02C ICA		ASC
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 100,000				

DRURY 2L

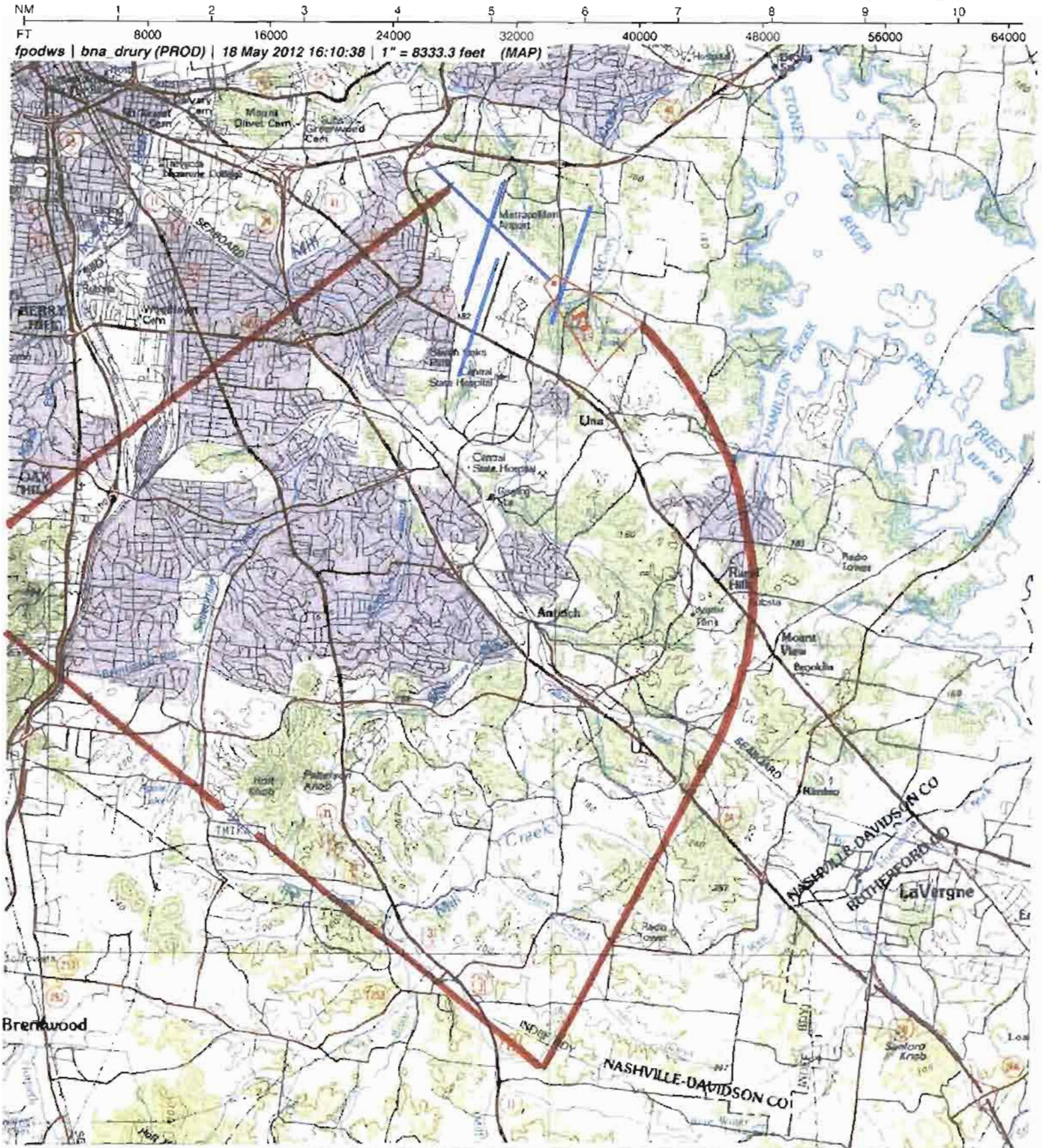


Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL	A	R02L ICA	TREE	576
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 100,000				



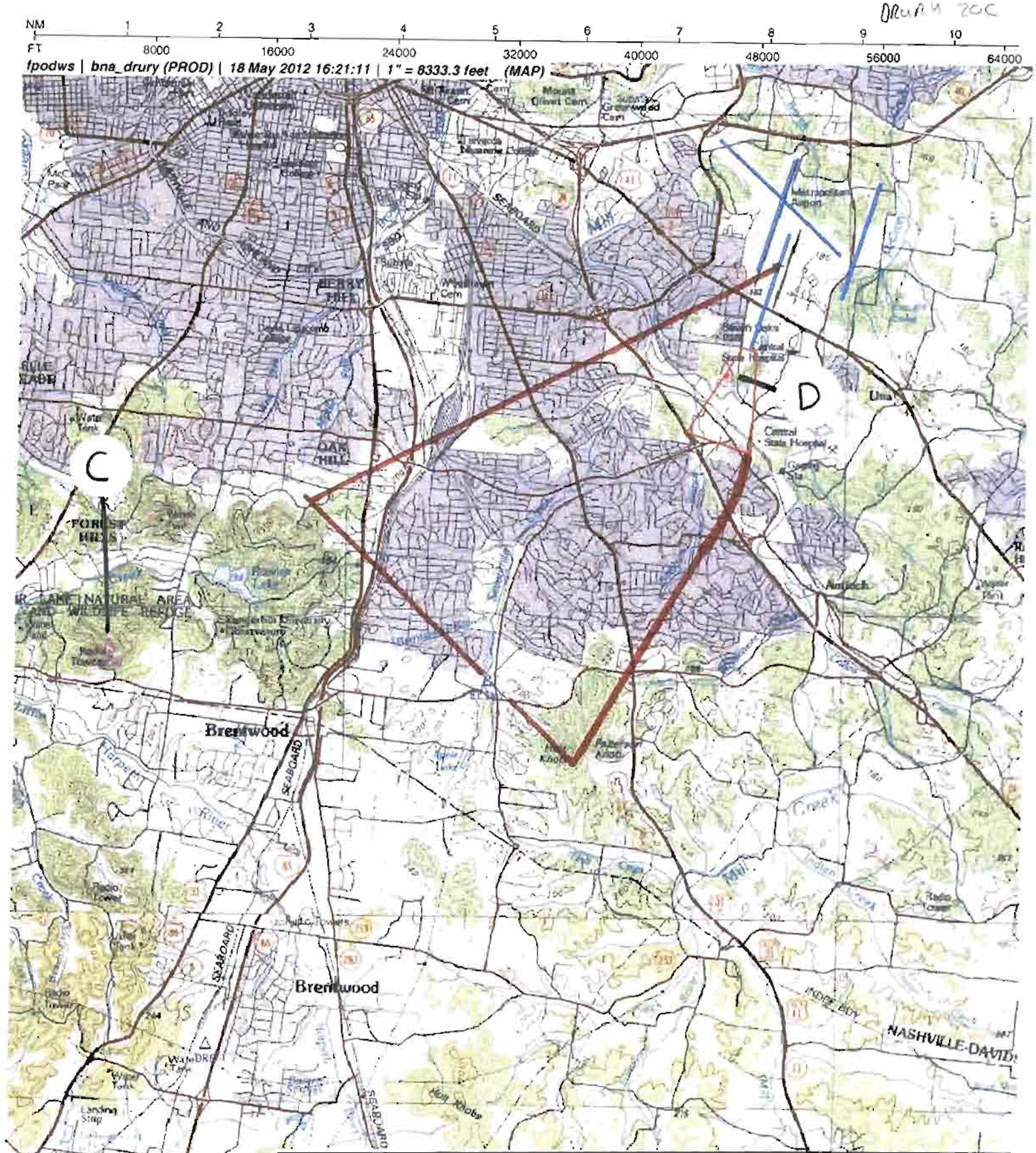
Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL		RWY 02R ICA		ASC
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 100,000				

DRUM 13



Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL	B	RWY 13 ICA	ROD ON POLE	689
State:	TENNESSEE				
Proc ID:	DRURY (RNAV)				
Amdt #	ONE				
Scale:	1: 100,000				

DRURY 20C



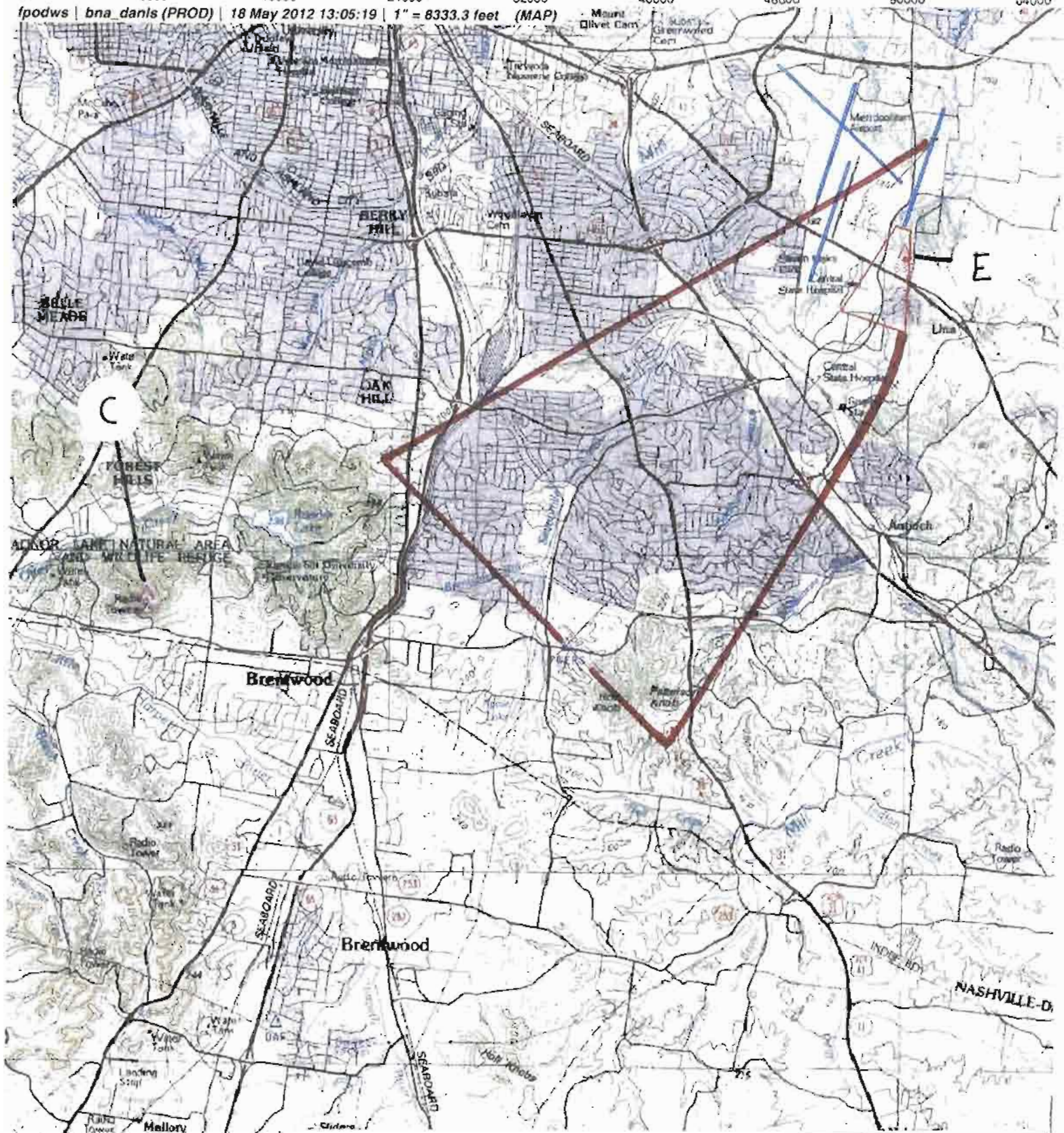
Airport ID:	KBNA				
Apt Name:	NASHVILLE INTL	No	SEGMENT	OBSTRUCTION	ELEV
City	NASHVILL	D	RWY 20C ICA	TREE	623
State:	TENNESSEE	C	RWY 20C PEN	TOWER	2049
Proc ID	DRURY (RNAV)				
Amdt #:	ONE				
Scale	1: 100,000				

DRURY 20L

NM 1 2 3 4 5 6 7 8 9 10

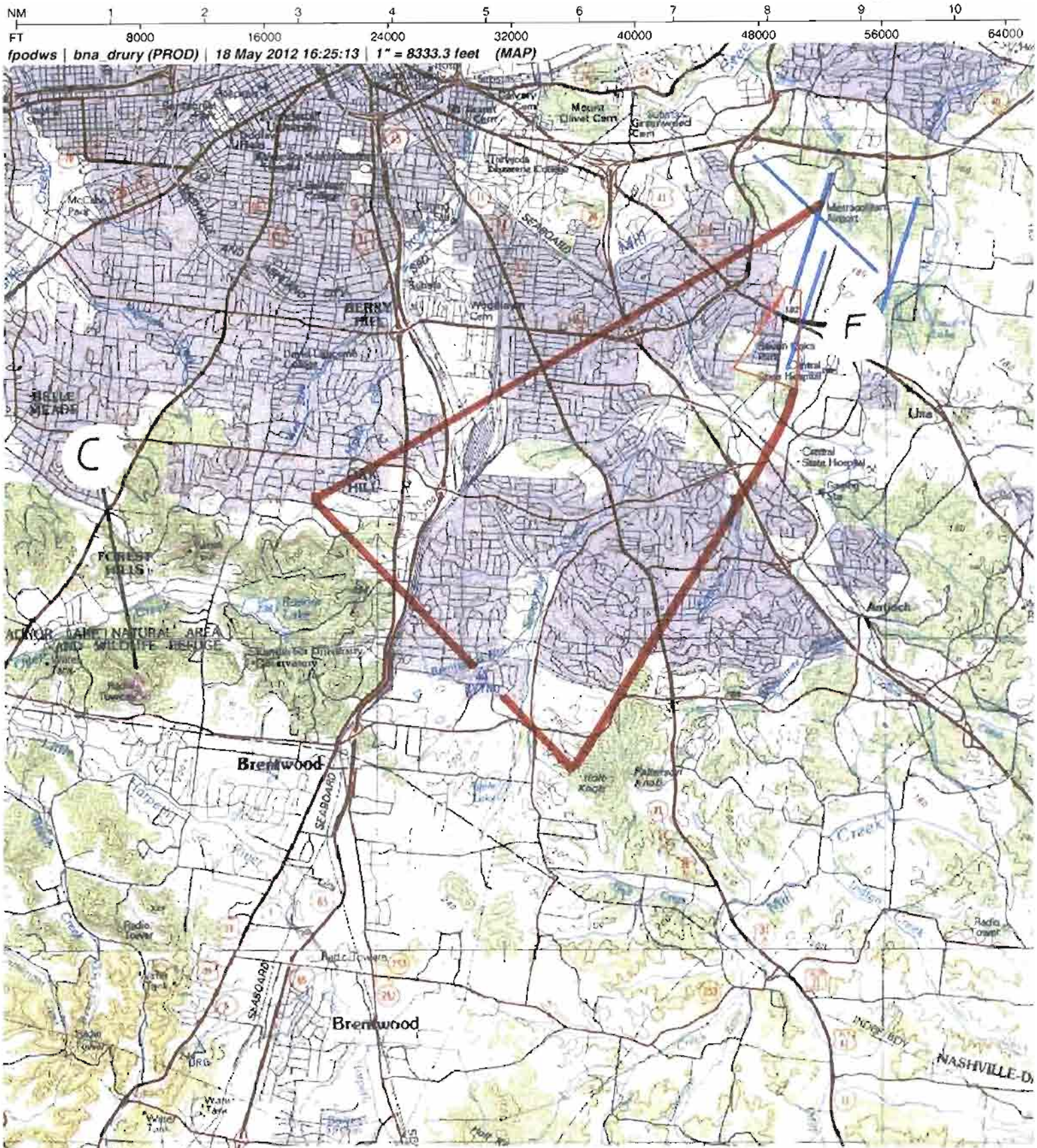
FT 8000 16000 24000 32000 40000 48000 56000 64000

fpodws | bna_danls (PROD) | 18 May 2012 13:05:19 | 1" = 8333.3 feet (MAP)



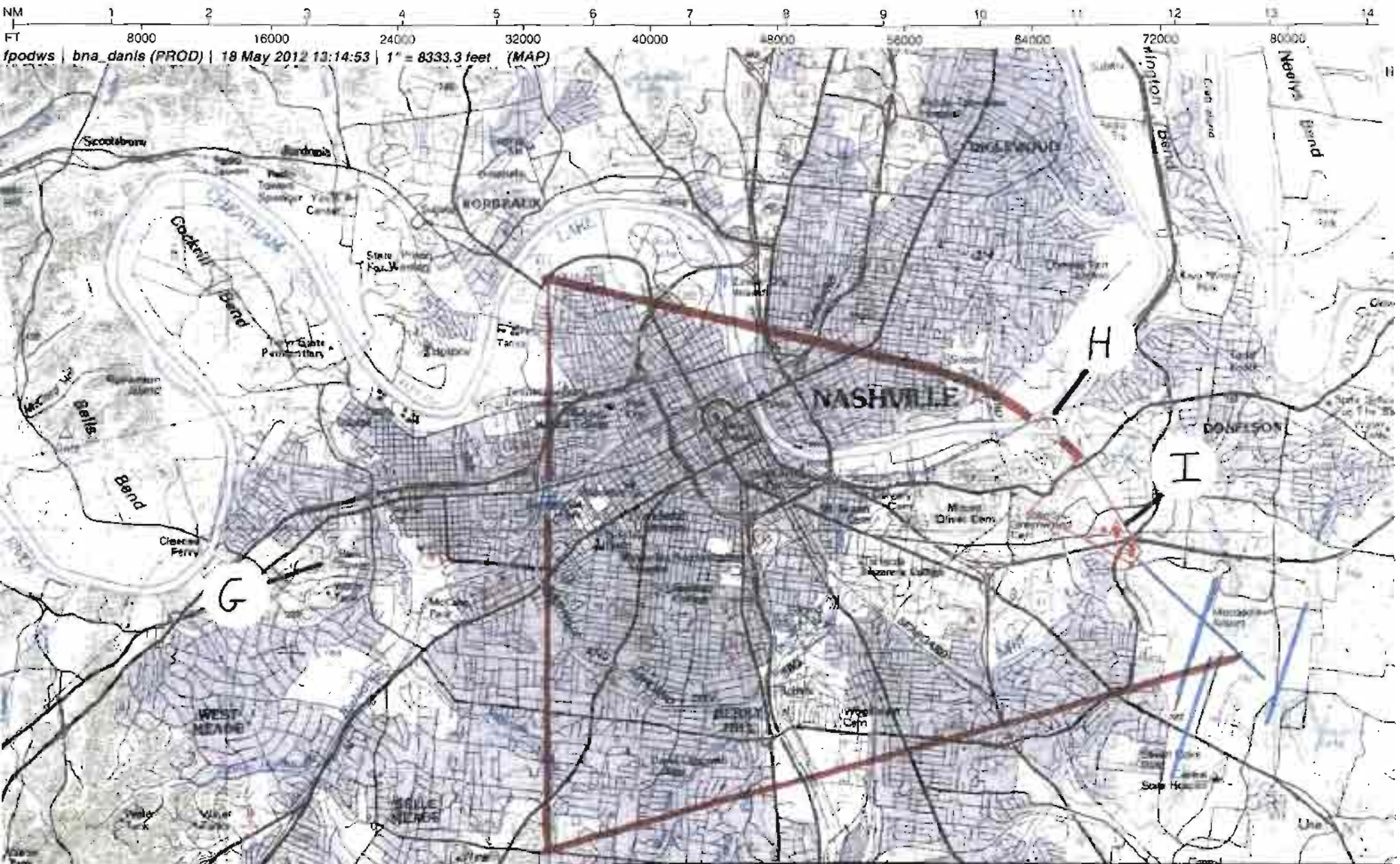
Airport ID	KBNA				
Apt Name:	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City	NASHVILL	E	RWY 20L ICA	TREE	639
State	TENNESSEE	C	RWY 20L PEN	TOWER	2049
Proc ID.	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 100,000				

DRURY 20R



Airport ID:	KBNA				
Apt Name	NASHVILLE INTL	No.	SEGMENT	OBSTRUCTION	ELEV
City:	NASHVILL	F	RWY 20R ICA	BLDG	680
State:	TENNESSEE	C	RWY 20R PEN	TOWER	2049
Proc ID:	DRURY (RNAV)				
Amdt #:	ONE				
Scale:	1: 100,000				

DRURY 31



Airport ID:	KBNA
Apt Name:	NASHVILLE INTL
City:	NASHVILL
State:	TENNESSEE
Proc ID:	DRURY (RNAV)
Amdt #	ONE
Scale:	1: 100,000

No	SEGMENT	OBSTRUCTION	ELEV
G	RWY 31 PEN	ANT	2049
H	RWY 31 PEN	TOWER	816
I	RWY 31 ICA	T-L TWR	610

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY (RNAV)	ONE	DRURY1.DRURY	NONE		

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 02C: CLIMB HEADING 020.98 TO 1100, THEN DIRECT JOOON, THEN ON HEADING 015.00 THENCE...
TAKEOFF RWY 02L: CLIMB HEADING 020.65 TO 1100, THEN DIRECT FOOFY, THEN ON HEADING 020.65 THENCE...
TAKEOFF RWY 02R: CLIMB HEADING 020.99 TO 1100, THEN RIGHT TURN DIRECT KDNCE, THEN ON HEADING 055.00 THENCE...
TAKEOFF RWY 13: CLIMB HEADING 136.30 TO 1100, THEN RIGHT TURN DIRECT TMIKA, THEN ON HEADING 220.00 THENCE...
TAKEOFF RWY 20C: CLIMB HEADING 200.99 TO 1100, THEN RIGHT TURN DIRECT ELIMY, THEN ON HEADING 220.00 THENCE...
TAKEOFF RWY 20L: CLIMB HEADING 201.00 TO 1100, THEN RIGHT TURN DIRECT PWERS, THEN ON HEADING 220.00 THENCE...
TAKEOFF RWY 20R: CLIMB HEADING 200.65 TO 1100, THEN RIGHT TURN DIRECT RYYNO, THEN ON HEADING 220.00 THENCE...
TAKEOFF RWY 31: CLIMB HEADING 316.32 TO 1100, THEN LEFT TURN DIRECT YAHYA, THEN ON HEADING 280.00 THENCE...

...EXPECT RADAR VECTORS TO GRCHN, THEN ON TRACK 216.21 TO DRURY (MEA 8400/MOCA 2500), MAINTAIN 4000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 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
ACKEE	DRURY1.ACKEE	DRURY	ACKEE	233.72	41.80	16700	2400	
HAGIE	DRURY1.HAGIE	DRURY	HAGIE	198.79	57.30	18000	2500	
JALAR	DRURY1.JALAR	DRURY	JALAR	210.68	41.63	16700	2500	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

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

TAKEOFF MINIMUMS:
RWY 02C, 02L, 02R, 13, 20L, 20R, 31, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100.
RWY 20C, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1300.

TAKEOFF OBSTACLES NOTES:

RWY 02L, 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 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, 816 FT MSL TOWER (47-000499) 360949.00N/0864254.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 20C, RWY 20L, RWY 20R – 2049 FT MSL TOWER (47-002263) 360250.42N/0864948.93W. RWY 31 – 2049 FT MSL ANT (KJWNT0151) 360827.45N/0865156.48W,

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

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

PILOT NAVIGATION AREA:
7NM ARC CENTERED ON GRCHN (IF), CW
FROM: POINT A (BEARING 171.21 TO GRCHN)
TO: POINT B (BEARING 261.21 TO GRCHN)
MINIMUM ALTITUDE - 6000

AIRPORTS SERVED:

NASHVILLE INTL – NASHVILLE, TN.

COMMUNICATIONS:

ATIS CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL.

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 statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY (RNAV)	ONE	DRURY1.DRURY	NONE		

REMARKS:

FLIGHT INSPECTED BY:

Thomas Page 8/23/12

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

DAVID SAUER AJV-352 5/18/12

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

ALPA, AOPA, ATA, NBAA, ZME, ZID, BNA ATCT, BNA APP CON, BNA AMGR.

CHANGES:

REASONS:

8/3/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 5/18/12.

1. CHANGED DP ROUTE DESCRIPTION ALTITUDES FROM "...TURBOJETS MAINTAIN 4000, PROPELLER AIRCRAFT MAINTAIN 3000" TO "...TURBOJETS MAINTAIN 5000, PROPELLER AIRCRAFT MAINTAIN 4000"

8/28/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 5/18/12.

1. CHANGED DP ROUTE DESCRIPTION ALTITUDES FROM "...TURBOJETS MAINTAIN 5000, PROPELLER AIRCRAFT MAINTAIN 4000" TO "MAINTAIN 4000".

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW02C (AER)	360611.99N/0864116.66W	N	-	-	-	-			
1100 MSL	-	-	-	VA	017.98	-			CG 500 FT/NM TO 1100
JOOON	361030.30N/0863950.22W	Y	FO	DF	-	-			
	-	-	-	VM	012.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
RW02L (AER)	360703.64N/0864111.31W	N	-	-	-	-			
1100 MSL	-	-	-	VA	017.65	-			CG 500 FT/NM TO 1100
FOOFY	361120.01N/0863930.71W	Y	FO	DF	-	-			
	-	-	-	VM	017.65	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
RW02R (AER)	360645.77N/0864003.52W	N	-	-	-	-			
1100 MSL	-	-	-	VA	017.99	-			CG 500 FT/NM TO 1100
KDNCE	361107.30N/0863455.24W	Y	FO	DF	-	-			RIGHT TURN
	-	-	-	VM	052.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			

QUALITY CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW13 (AER)*	360823.16N/0864136.17W*	N	-	-	-	-			*DISPL THLD (801 FT)
1100 MSL	-	-	-	VA	133.30	-			CG 500 FT/NM TO 1100
TMIKA	360130.54N/0864412.36W	Y	FO	DF	-	-			RIGHT TURN
	-	-	-	VM	217.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
RW20C (AER)	360727.24N/0864046.55W	N	-	-	-	-			
1100 MSL	-	-	-	VA	197.99	-			CG 500 FT/NM TO 1100
ELIMY	360235.87N/0864443.06W	Y	FO	DF	-	-			RIGHT TURN
	-	-	-	VM	217.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
RW20L (AER)	360801.01N/0863933.40W	N	-	-	-	-			
1100 MSL	-	-	-	VA	198.00	-			CG 500 FT/NM TO 1100
PWERS	360224.47N/0864421.88W	Y	FO	DF	-	-			RIGHT TURN
	-	-	-	VM	217.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			

QUALITY 3 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW20R (AER)	360816.23N/0864042.84W	N	-	-	-	-			
1100 MSL	-	-	-	VA	197.65	-			CG 500 FT/NM TO 1100
RYYNO	360259.09N/0864516.28W	Y	FO	DF	-	-			RIGHT TURN
	-	-	-	VM	217.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
RW31 (AER)*	360718.81N/0864012.01W*	N	-	-	-	-			*DISPL THLD (741 FT)
1100 MSL	-	-	-	VA	313.32	-			CG 500 FT/NM TO 1100
YAHYA	360910.44N/0864911.86W	Y	FO	DF	-	-			LEFT TURN
	-	-	-	VM	277.00	-			
GRCHN	354721.09N/0870249.67W	Y	FB	DF	-	-			
DRURY	353740.56N/0871034.89W	Y	FB	TF	213.21	11.54			
DRURY	353740.56N/0871034.89W	Y	-	IF	-	-			DRURY1.ACKEE
ACKEE	351103.96N/0875003.24W	Y	FB	TF	230.72	41.80			
DRURY	353740.56N/0871034.89W	Y	-	IF	-	-			DRURY1.HAGIE
HAGIE	344225.87N/0872929.76W	Y	FB	TF	195.79	57.30			
DRURY	353740.56N/0871034.89W	Y	-	IF	-	-			DRURY1.JALAR
JALAR	350042.69N/0873407.37W	Y	FB	TF	207.68	41.63			

3

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

ARINC PACKET - 424-18 - SID

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WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACKEE K70    W   L N35110396W087500324                      W0024     NAR           ACKEE
        SUSAEAENRT   DRURY K70    W     N35374056W087103489                      W0030     NAR           DRURY
        SUSAEAENRT   ELIMY K70    W     N36023587W086444306                      W0034     NAR           ELIMY
        SUSAEAENRT   FOOFY K70    W     N36112001W086393071                      W0035     NAR           FOOFY
        SUSAEAENRT   GRCHN K70    W     N35472109W087024967                      W0031     NAR           GRCHN
        SUSAEAENRT   HAGIE K70    W   L N34422587W087292976                      W0026     NAR           HAGIE
        SUSAEAENRT   JALAR K70    W   L N35004269W087340737                      W0026     NAR           JALAR
        SUSAEAENRT   JOOON K70    W     N36103030W086395022                      W0035     NAR           JOOON
        SUSAEAENRT   KDNCE K70    W     N36110730W086345524                      W0035     NAR           KDNCE
        SUSAEAENRT   PWERS K70    W     N36022447W086442188                      W0034     NAR           PWERS
        SUSAEAENRT   RYYNO K70    W     N36025909W086451628                      W0034     NAR           RYYNO
        SUSAEAENRT   TMIKA K70    W     N36013054W086441236                      W0034     NAR           TMIKA
        SUSAEAENRT   YAHYA K70    W     N36091044W086491186                      W0033     NAR           YAHYA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KBNAK7ABNA     0     110YHN36072810W086404150W003000599         1800018000C    MNAR    NASHVILLE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBNAK7DDRURY14RW02C 010         0        VA                        0210        + 01100     18000
        SUSAP KBNAK7DDRURY14RW02C 020JOOONK7EA0EY   010DF
        SUSAP KBNAK7DDRURY14RW02C 030         0        VM                        0150
        SUSAP KBNAK7DDRURY14RW02C 040GRCHNK7EA0E    010DF
        SUSAP KBNAK7DDRURY14RW02C 050DRURYK7EA0EE   010TF                        21620115
        SUSAP KBNAK7DDRURY14RW02L 010         0        VA                        0207        + 01100     18000
        SUSAP KBNAK7DDRURY14RW02L 020FOOFYK7EA0EY   010DF
        SUSAP KBNAK7DDRURY14RW02L 030         0        VM                        0207
        SUSAP KBNAK7DDRURY14RW02L 040GRCHNK7EA0E    010DF
        SUSAP KBNAK7DDRURY14RW02L 050DRURYK7EA0EE   010TF                        21620115
        SUSAP KBNAK7DDRURY14RW02R 010         0        VA                        0210        + 01100     18000
        SUSAP KBNAK7DDRURY14RW02R 020KDNCEK7EA0EY   010DF
        SUSAP KBNAK7DDRURY14RW02R 030         0        VM                        0550
        SUSAP KBNAK7DDRURY14RW02R 040GRCHNK7EA0E    010DF
        SUSAP KBNAK7DDRURY14RW02R 050DRURYK7EA0EE   010TF                        21620115
        SUSAP KBNAK7DDRURY14RW13  010         0        VA                        1363        + 01100     18000
        SUSAP KBNAK7DDRURY14RW13  020TMIKAK7EA0EY   010DF
        SUSAP KBNAK7DDRURY14RW13  030         0        VM                        2200
        SUSAP KBNAK7DDRURY14RW13  040GRCHNK7EA0E    010DF
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

```
SUSAP KBNAK7DDRURY14RW13  050DRURYK7EA0EE   010TF                    21620115
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SUSAP KBNAK7DDRURY14RW20C 020ELIMYK7EA0EY   010DF
SUSAP KBNAK7DDRURY14RW20C 030         0       VM                    2200
SUSAP KBNAK7DDRURY14RW20C 040GRCHNK7EA0E    010DF
SUSAP KBNAK7DDRURY14RW20C 050DRURYK7EA0EE   010TF                    21620115
SUSAP KBNAK7DDRURY14RW20L 010         0       VA                    2010        + 01100     18000
SUSAP KBNAK7DDRURY14RW20L 020PWERSK7EA0EY   010DF
SUSAP KBNAK7DDRURY14RW20L 030         0       VM                    2200
SUSAP KBNAK7DDRURY14RW20L 040GRCHNK7EA0E    010DF
SUSAP KBNAK7DDRURY14RW20L 050DRURYK7EA0EE   010TF                    21620115
SUSAP KBNAK7DDRURY14RW20R 010         0       VA                    2007        + 01100     18000
SUSAP KBNAK7DDRURY14RW20R 020RYYNOK7EA0EY   010DF
SUSAP KBNAK7DDRURY14RW20R 030         0       VM                    2200
SUSAP KBNAK7DDRURY14RW20R 040GRCHNK7EA0E    010DF
SUSAP KBNAK7DDRURY14RW20R 050DRURYK7EA0EE   010TF                    21620115
SUSAP KBNAK7DDRURY14RW31  010         0       VA                    3163        + 01100     18000
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SUSAP KBNAK7DDRURY14RW31  040GRCHNK7EA0E    010DF
SUSAP KBNAK7DDRURY14RW31  050DRURYK7EA0EE   010TF                    21620115
SUSAP KBNAK7DDRURY16ACKEE 010DRURYK7EA0E       IF                                            18000
SUSAP KBNAK7DDRURY16ACKEE 020ACKEEK7EA0EE   010TF                    23370418
SUSAP KBNAK7DDRURY16HAGIE 010DRURYK7EA0E       IF                                            18000
SUSAP KBNAK7DDRURY16HAGIE 020HAGIEK7EA0EE   010TF                    19880573
SUSAP KBNAK7DDRURY16JALAR 010DRURYK7EA0E       IF                                            18000
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBNAK7GRW02C   0080010210 N36061199W086411666+0000    +014430056900006015 0IIEZN1
        SUSAP KBNAK7GRW02L   0077030207 N36070364W086411131-0600    +015320059900005515 0IIBNA3
        SUSAP KBNAK7GRW02R   0080000210 N36064577W086400352-0600    +015060059000005915 0IIUQU3
        SUSAP KBNAK7GRW13    0110301363 N36082316W086413617+0400    +013640054308015515 0R
        SUSAP KBNAK7GRW20C   0080012010 N36072724W086404655+0000    +014510057200005015 0R
        SUSAP KBNAK7GRW20L   0080002010 N36080101W086393340+0600    +013530054000004715 0IISSX1
        SUSAP KBNAK7GRW20R   0077032007 N36081623W086404284+0600    +014010055500005915 0IIVIY1
        SUSAP KBNAK7GRW31    0110303163 N36071881W086401201-0400    +014680057707415215 0IIPNO1
```

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02C		010		VA		FB		021.0()		AA 01100	
	RW02C	JOOON	020		DF		FO	1.0				
	RW02C		030		VM		FB		015.0()			
	RW02C	GRCHN	040		DF		FB	1.0				
	RW02C	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW02L		010		VA		FB		020.7()		AA 01100	
	RW02L	FOOFY	020		DF		FO	1.0				
	RW02L		030		VM		FB		020.7()			
	RW02L	GRCHN	040		DF		FB	1.0				
	RW02L	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW02R		010		VA		FB		021.0()		AA 01100	
	RW02R	KDNCE	020		DF		FO	1.0				
	RW02R		030		VM		FB		055.0()			
	RW02R	GRCHN	040		DF		FB	1.0				
	RW02R	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW13		010		VA		FB		136.3()		AA 01100	
	RW13	TMIKA	020		DF		FO	1.0				
	RW13		030		VM		FB		220.0()			
	RW13	GRCHN	040		DF		FB	1.0				
	RW13	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW20C		010		VA		FB		201.0()		AA 01100	
	RW20C	ELIMY	020		DF		FO	1.0				
	RW20C		030		VM		FB		220.0()			
	RW20C	GRCHN	040		DF		FB	1.0				
	RW20C	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW20L		010		VA		FB		201.0()		AA 01100	
	RW20L	PWERS	020		DF		FO	1.0				
	RW20L		030		VM		FB		220.0()			
	RW20L	GRCHN	040		DF		FB	1.0				
	RW20L	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW20R		010		VA		FB		200.7()		AA 01100	
	RW20R	RYYNO	020		DF		FO	1.0				
	RW20R		030		VM		FB		220.0()			
	RW20R	GRCHN	040		DF		FB	1.0				
	RW20R	DRURY	050		TF		FB	1.0	216.2()	011.5		
	RW31		010		VA		FB		316.3()		AA 01100	
	RW31	YAHYA	020		DF		FO	1.0				
	RW31		030		VM		FB		280.0()			
	RW31	GRCHN	040		DF		FB	1.0				
	RW31	DRURY	050		TF		FB	1.0	216.2()	011.5		
	ACKEE	DRURY	010		IF		FB					
	ACKEE	ACKEE	020		TF		FB	1.0	233.7()	041.8		

ORIGINAL
1
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DRURY RNAV	ONE	DRURY1.DRURY	NONE		

HAGIE	DRURY	010	IF	FB			
HAGIE	HAGIE	020	TF	FB	1.0	198.8()	057.3
JALAR	DRURY	010	IF	FB			
JALAR	JALAR	020	TF	FB	1.0	210.7()	041.6

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ACKEE	N351103.96	W0875003.24	N3511.066	W08750.054
DRURY	N353740.56	W0871034.89	N3537.676	W08710.582
ELIMY	N360235.87	W0864443.06	N3602.598	W08644.718
FOOFY	N361120.01	W0863930.71	N3611.334	W08639.512
GRCHN	N354721.09	W0870249.67	N3547.352	W08702.828
HAGIE	N344225.87	W0872929.76	N3442.431	W08729.496
JALAR	N350042.69	W0873407.37	N3500.712	W08734.123
JOOON	N361030.30	W0863950.22	N3610.505	W08639.837
KDNCE	N361107.30	W0863455.24	N3611.122	W08634.921
PWERS	N360224.47	W0864421.88	N3602.408	W08644.365
RYYNO	N360259.09	W0864516.28	N3602.985	W08645.271
TMIKA	N360130.54	W0864412.36	N3601.509	W08644.206
YAHYA	N360910.44	W0864911.86	N3609.174	W08649.198
RW02C	N360611.99	W0864116.66	N3606.200	W08641.278
RW02L	N360703.64	W0864111.31	N3607.061	W08641.189
RW02R	N360645.77	W0864003.52	N3606.763	W08640.059
RW13	N360823.16	W0864136.17	N3608.386	W08641.603
RW20C	N360727.24	W0864046.55	N3607.454	W08640.776
RW20L	N360801.01	W0863933.40	N3608.017	W08639.557
RW20R	N360816.23	W0864042.84	N3608.271	W08640.714
RW31	N360718.81	W0864012.01	N3607.314	W08640.200

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW02C	00569	60
RW02L	00599	55
RW02R	00590	59
RW13	00543	55
RW20C	00572	50
RW20L	00540	47
RW20R	00555	59
RW31	00577	52

RADIO FIX AND HOLDING DATA RECORD

NAME: ACKEE **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 351103.96N/0875003.24W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRURY **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 353740.56N/0871034.89W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DAVID SAUER

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELIMY **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360235.87N/0864443.06W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FOOFY **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 361120.01N/0863930.71W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHADM (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DANLS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)
DP	EVVAN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	FLAME (RNAV)			KBNA	NASHVILLE	TN (US)
DP	GDOGG (RNAV)			KBNA	NASHVILLE	TN (US)
DP	HGGRD (RNAV)			KBNA	NASHVILLE	TN (US)
DP	KRSTA (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PARDN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PREDS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TAZMO (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TIPPN (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/11/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GRCHN **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 354721.09N/0870249.67W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED 3

RADIO FIX AND HOLDING DATA RECORD

NAME: HAGIE **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 344225.87N/0872929.76W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER: ZTL

RADIO FIX AND HOLDING DATA RECORD

NAME: JALAR **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 350042.69N/0873407.37W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JOOON **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 361030.30N/0863950.22W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHADM (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DANLS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)
DP	EVVAN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	FLAME (RNAV)			KBNA	NASHVILLE	TN (US)
DP	GDOGG (RNAV)			KBNA	NASHVILLE	TN (US)
DP	HGGRD (RNAV)			KBNA	NASHVILLE	TN (US)
DP	KRSTA (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PARDN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PREDS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TAZMO (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TIPPN (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/11/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY 3 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KDNCE **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 361107.30N/0863455.24W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHADM (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DANLS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)
DP	EVVAN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	FLAME (RNAV)			KBNA	NASHVILLE	TN (US)
DP	GDOGG (RNAV)			KBNA	NASHVILLE	TN (US)
DP	HGGRD (RNAV)			KBNA	NASHVILLE	TN (US)
DP	KRSTA (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PARDN (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PREDS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TAZMO (RNAV)			KBNA	NASHVILLE	TN (US)
DP	TIPPN (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/11/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PWERS **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360224.47N/0864421.88W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DANLS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)
DP	GDOGG (RNAV)			KBNA	NASHVILLE	TN (US)
DP	HGGRD (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PARDN (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RYYNO **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360259.09N/0864516.28W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TMIKA **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360130.54N/0864412.36W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YAHYA **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 360910.44N/0864911.86W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DANLS (RNAV)			KBNA	NASHVILLE	TN (US)
DP	DRURY (RNAV)			KBNA	NASHVILLE	TN (US)
DP	GDOGG (RNAV)			KBNA	NASHVILLE	TN (US)
DP	HGGRD (RNAV)			KBNA	NASHVILLE	TN (US)
DP	KRSTA (RNAV)			KBNA	NASHVILLE	TN (US)
DP	PARDN (RNAV)			KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 05/14/2012 **OFFICE:** AJV-352 **NAME:** DAVID SAUER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZME
ATC FACILITY: BNA APP CON
OTHER:

QUALITY CHECKED

Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID PNA GRCHN HAGIE 20120330
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	3/30/2012 1:29:24 PM
Input File:	KBNA DRURY1 SID PNA...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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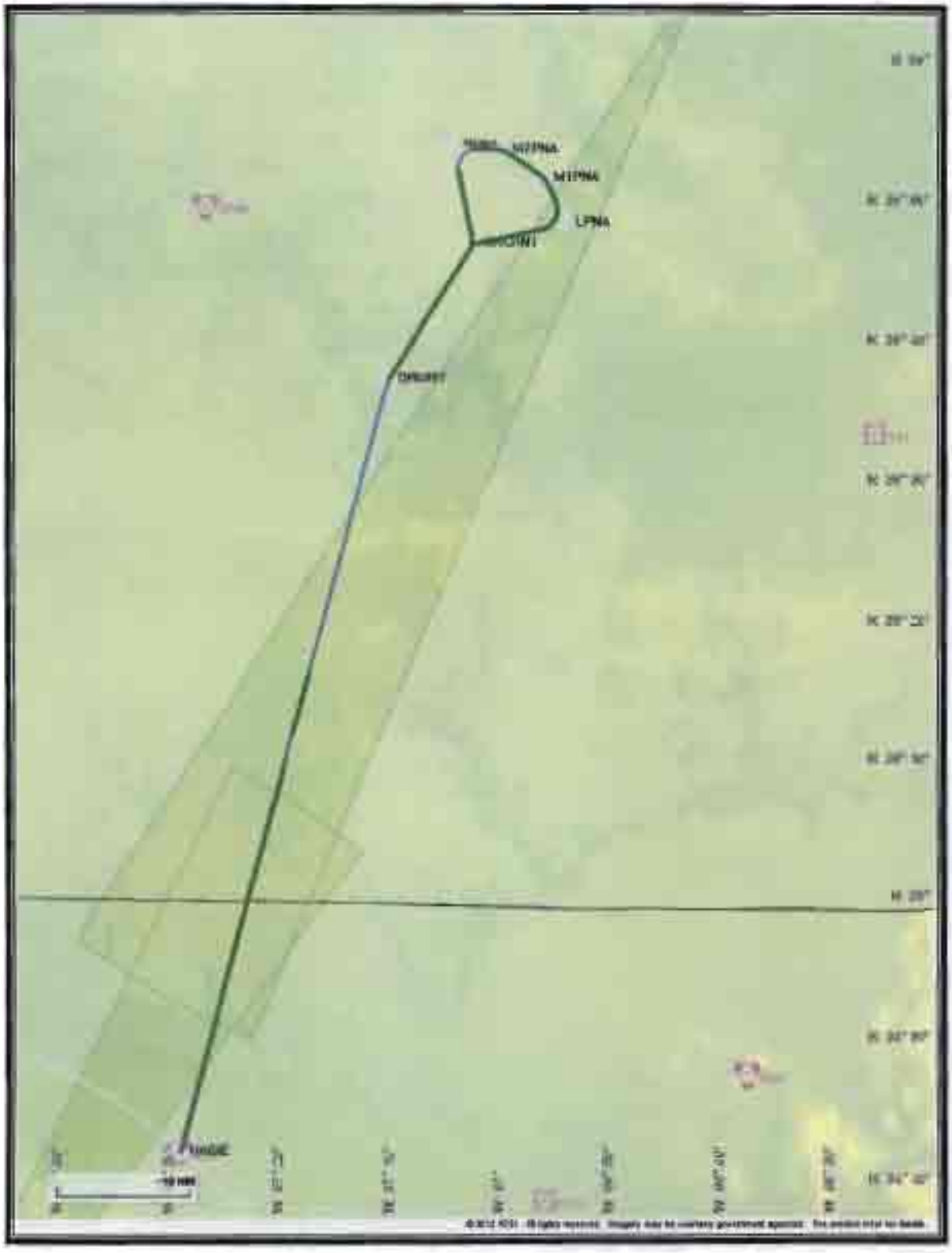

M17PNA
M11PNA
LPNA
DRURY
HAGIE

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
GRCHN	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly Over	TF
LPNA	WP	N 35° 48' 47.31" W 86° 54' 24.31"	6000.0	VNAV	180.0	Fly By	TF
M1PNA	WP	N 35° 52' 1.65" W 86° 56' 24.86"	6000.0	VNAV	180.0	Fly By	TF
M2PNA	WP	N 35° 54' 0.80" W 87° 0' 8.79"	6000.0	VNAV	180.0	Fly By	TF
RPNA	WP	N 35° 54' 12.70" W 87° 4' 36.00"	6000.0	VNAV	180.0	Fly By	TF
GRCHN1	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly By	TF
DRURY	WP	N 35° 37' 40.56" W 87° 10' 34.89"	8308.3	VNAV	180.0	Fly By	TF
HAGIE	WP	N 34° 42' 25.87" W 87° 29' 29.76"	18000.0	VNAV	240.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: EnRoute
Aircraft Category: Cat D
Climb Gradient: *None assigned*
Ground Speeds:

Table
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**

Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Entire track is fly-able

DME/DME

Return To Summary

Settings:

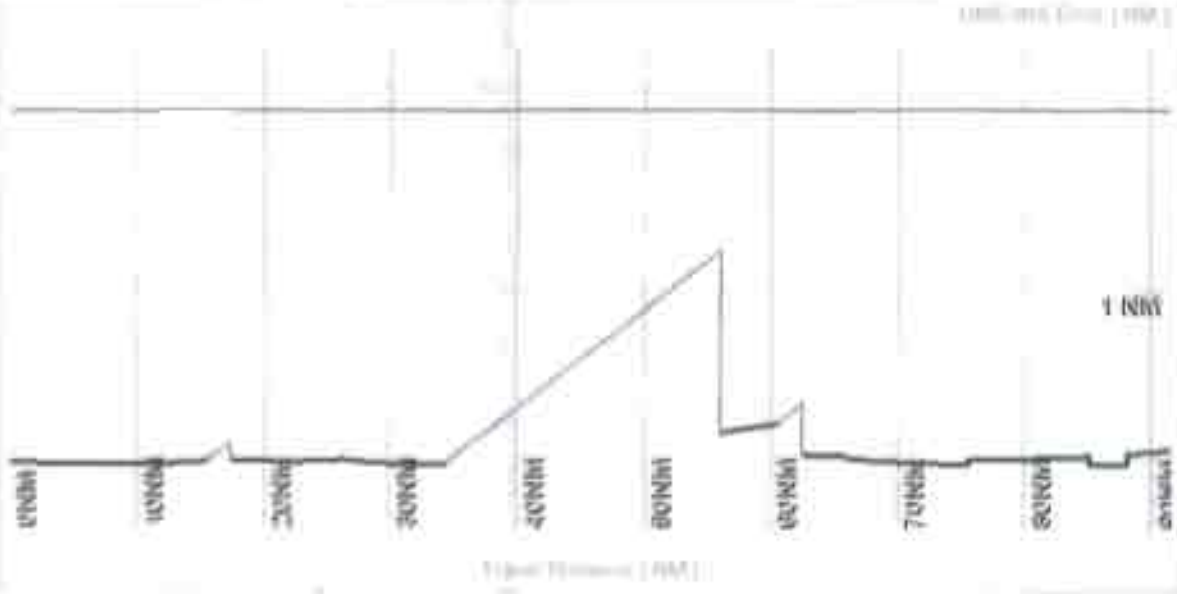
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 6

Maximum DME Error: 1.153 NM

No Critical DMEs were found.

Available DMEs: BNA, GHM, SYI, MSL, DCU, HAB, VUZ



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H + ESV	User	NO	1.615	Enabled	58.1 %	58.1 %
2	SYI	N 35° 33' 43.12" W 86° 26' 20.95"	L	Database	NO	1.153	Enabled	26.7 %	26.6 %
3	GHM	N 35° 50' 2.12" W 87° 27' 6.35"	L	Database	NO	1.466	Enabled	13.4 %	13.4 %
4	DCU	N 34° 38' 53.94" W 86° 56' 22.29"	L	Database	NO	1.153	Enabled	31.7 %	31.7 %
5	HAB	N 34° 11' 55.57" W 88° 0' 41.83"	L + ESV	User	NO	1.153	Enabled	10.3 %	10.3 %
6	MSL	N 34° 42' 24.69" W 87° 29' 29.71"	L	Database	NO	1.153	Enabled	3.3 %	3.3 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	BNA	SYI	GHM			
5.1	BNA	SYI	GHM			
6.9	BNA	SYI	GHM			
12.8	BNA	SYI	GHM			
14.8	BNA	SYI	GHM			
21.9	BNA	SYI	GHM			
33.7	BNA	SYI	GHM	MSL		
60.4	BNA	DCU	HAB	MSL	VUZ	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 54' 2.28" W 87° 3' 0.06"	N 35° 52' 33.84" W 87° 4' 10.16"	1.9
	VOR: BNA	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: GHM	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: SYI	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
2	N 35° 37' 37.61" W 87° 10' 33.90"	N 35° 16' 38.64" W 87° 17' 50.24"	21.8
	VOR: BNA	Available from N 35° 37' 37.61" W 87° 10' 33.90" to N 35° 36' 27.59" W 87° 11' 0.85"	
	VOR: GHM	Available from N 35° 37' 37.61" W 87° 10' 33.90" to N 35° 16' 38.64" W 87° 17' 50.24"	
	VOR: SYI	Available from N 35° 37' 37.61" W 87° 10' 33.90" to N 35° 26' 23.51" W 87° 14' 29.19"	
	VOR: MSL	Available from N 35° 20' 58.95" W 87° 16' 20.85" to N 35° 16' 38.64" W 87° 17' 50.24"	
3	N 35° 12' 21.53" W 87° 19' 18.40"	N 35° 10' 25.82" W 87° 19' 58.02"	2.0
	VOR: DCU	Available from N 35° 12' 21.53" W 87° 19' 18.40" to N 35° 10' 25.82" W 87° 19' 58.02"	
	VOR: GHM	Available from N 35° 12' 21.53" W 87° 19' 18.40" to N 35° 10' 25.82" W 87° 19' 58.02"	
	VOR: MSL	Available from N 35° 12' 21.53" W 87° 19' 18.40" to N 35° 10' 25.82" W 87° 19' 58.02"	

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	565.8	114.10	BNA	Used
		ESV: Bearing [True]: 204.0° to 214.0° Bearing [Mag]: 206.0° to 216.0°			Arc Distance: Out to 85.0 NM Altitude: 9000.0 to 16500.0 Ft.		
2	HAB	N 34° 11' 55.57" W 88° 0' 41.83"	L	802.1	110.40	HAB	Used
		ESV: Bearing [True]: 27.0° to 37.0° Bearing [Mag]: 25.0° to 35.0°			Arc Distance: Out to 65.0 NM Altitude: 12000.0 to 24000.0 Ft.		

Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID PNA GRCHN ACKEE 20120329
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	3/29/2012 1:07:23 PM
Input File:	KBNA DRURY1 SID PNA ...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
GRCH1	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly Over	TF
LPNA	WP	N 35° 48' 47.31" W 86° 54' 24.31"	6000.0	VNAV	180.0	Fly By	TF
M1PNA	WP	N 35° 52' 1.65" W 86° 56' 24.86"	6000.0	VNAV	180.0	Fly By	TF
M2PNA	WP	N 35° 54' 0.80" W 87° 0' 8.79"	6000.0	VNAV	180.0	Fly By	TF
RPNA	WP	N 35° 54' 12.70" W 87° 4' 36.00"	6000.0	VNAV	180.0	Fly By	TF
GRCH11	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly By	TF
DRUR1	WP	N 35° 37' 40.56" W 87° 10' 34.89"	8308.3	VNAV	180.0	Fly By	TF
ACKEE	WP	N 35° 11' 3.96" W 87° 50' 3.24"	16667.8	VNAV	240.0	Fly Over	TF

Flyability

Return To Summary

Settings:	**Flight Type:** Arrival/Approach **Aircraft Category:** Cat D **Climb Gradient:** *None assigned* **Ground Speeds:** Table: **200.0 Kts** up to **29000.0 Ft.** **280.0 Kts** up to **99900.0 Ft.** **Wind Settings:** *None assigned* **Descent During a Turn:** Allowed **VNAV Mode:** Flight Plan

Entire track is fly-able

DME/DME

Return To Summary

Settings:

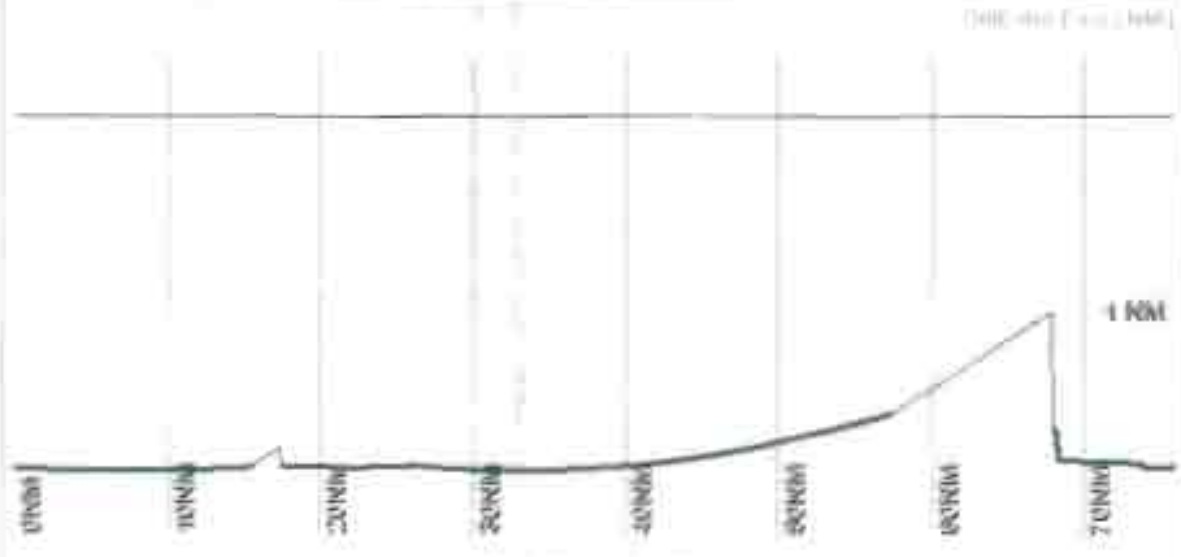
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 5

Maximum DME Error: 0.928 NM

No Critical DMEs were found.

Available DMEs: BNA, GHM, SYI, MSL, JKS



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H + ESV	User	NO	1.723	Enabled	83.2 %	83.2 %
2	SYI	N 35° 33' 43.12" W 86° 26' 20.95"	L	Database	NO	0.928	Enabled	32.1 %	32.1 %
3	GHM	N 35° 50' 2.12" W 87° 27' 6.35"	L	Database	NO	1.650	Enabled	41.3 %	41.4 %
4	MSL	N 34° 42' 24.69" W 87° 29' 29.71"	L	Database	NO	1.168	Enabled	7.9 %	7.9 %
5	JKS	N 35° 35' 56.36" W 88° 21' 31.96"	L	Database	NO	0.928	Enabled	2.7 %	2.7 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	BNA	SYI	GHM			
5.1	BNA	SYI	GHM			
8.9	BNA	SYI	GHM			
12.6	BNA	SYI	GHM			
14.8	BNA	SYI	GHM			
21.9	BNA	SYI	GHM			
33.7	BNA	SYI	GHM	MSL	JKS	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 54' 2.28" W 87° 3' 0.06"	N 35° 52' 33.84" W 87° 4' 10.16"	1.9
	VOR: BNA	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: GHM	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: SYI	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
2	N 35° 22' 53.49" W 87° 32' 36.35"	N 35° 16' 14.01" W 87° 42' 26.93"	10.4
	VOR: GHM	Available from N 35° 22' 53.49" W 87° 32' 36.35" to N 35° 16' 14.01" W 87° 42' 26.93"	
	VOR: MSL	Available from N 35° 22' 19.54" W 87° 33' 26.89" to N 35° 16' 14.01" W 87° 42' 26.93"	
	VOR: JKS	Available from N 35° 20' 16.35" W 87° 36' 29.05" to N 35° 16' 14.01" W 87° 42' 26.93"	

DME/DME (Continued.)

Return To Summary

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	585.8	114.10	BNA	Used
		ESV	Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 212.0° to 229.0°		Arc Distance: Out to 85.0 NM Altitude: 7000.0 to 16500.0 FL		

Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID PNA GRCHN JALAR 20120329
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	3/29/2012 12:52:53 PM
Input File:	KBNA DRURY1 SID PNA ...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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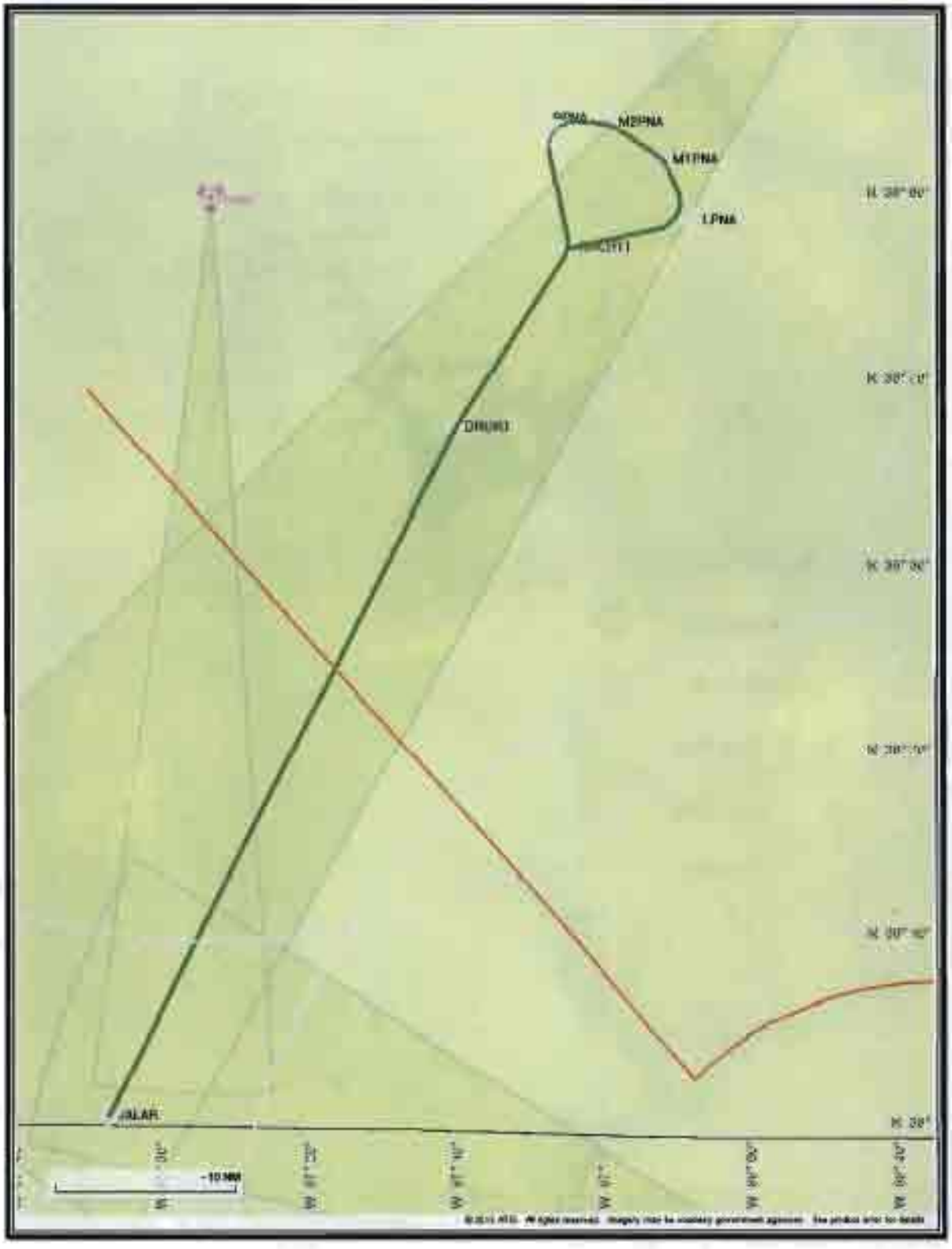

M2PNA
M1PNA
LPNA
DRURY
JALAR
10 NM

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
GRCH1	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly Over	TF
LPNA	WP	N 35° 48' 47.31" W 86° 54' 24.31"	6000.0	VNAV	180.0	Fly By	TF
M1PNA	WP	N 35° 52' 1.65" W 86° 56' 24.86"	6000.0	VNAV	180.0	Fly By	TF
M2PNA	WP	N 35° 54' 0.80" W 87° 0' 8.79"	6000.0	VNAV	180.0	Fly By	TF
RPNA	WP	N 35° 54' 12.70" W 87° 4' 36.00"	6000.0	VNAV	180.0	Fly By	TF
GRCH11	WP	N 35° 47' 21.09" W 87° 2' 49.67"	6000.0	VNAV	180.0	Fly By	TF
DRUR1	WP	N 35° 37' 40.56" W 87° 10' 34.89"	8308.3	VNAV	180.0	Fly By	TF
JALAR	WP	N 35° 0' 42.69" W 87° 34' 7.37"	16634.7	VNAV	240.0	Fly Over	TF

Flyability

Return To Summary

Settings:

Flight Type: Arrival/Approach
Aircraft Category: Cat D
Climb Gradient: *None assigned*
Ground Speeds:

Table:

200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**

Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Entire track is fly-able

DME/DME

Return To Summary

Settings:

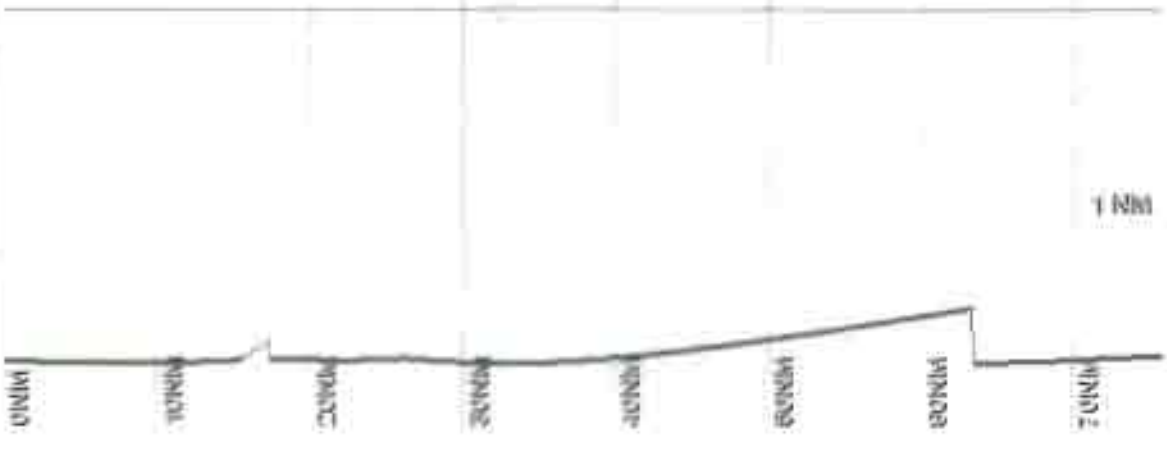
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 4

Maximum DME Error: 0.517 NM.

No Critical DMEs were found

Available DMEs: BNA, GHM, SYI, MSL, RQZ, VUZ



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	BNA	N 36° 8' 13.08" W 86° 41' 5.18"	H + ESV	User	NO	1.635	Enabled	97.0 %	97.0 %
2	SYI	N 35° 33' 43.12" W 86° 26' 20.95"	L	Database	NO	0.677	Enabled	32.2 %	32.1 %
3	GHM	N 35° 50' 2.12" W 87° 27' 6.35"	L + ESV	User	NO	1.498	Enabled	48.5 %	48.6 %
4	RQZ	N 34° 47' 50.06" W 86° 38' 1.85"	L + ESV	User	NO	0.693	Enabled	16.3 %	16.3 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	BNA	SYI	GHM			
5.1	BNA	SYI	GHM			
8.9	BNA	SYI	GHM			
12.6	BNA	SYI	GHM			
14.8	BNA	SYI	GHM			
21.9	BNA	SYI	GHM			
33.9	BNA	SYI	GHM			
43.9	BNA	RQZ	GHM	MSL	VUZ	

Inertial Drift Segments

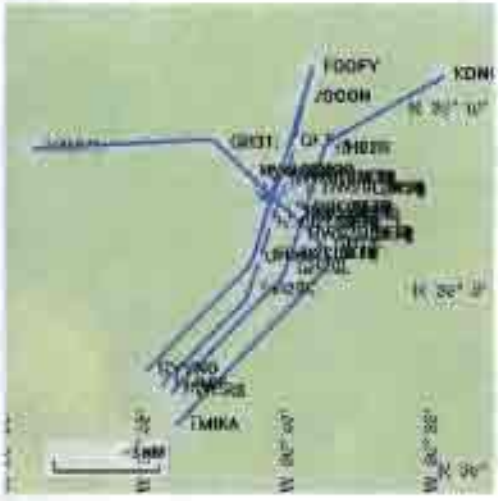
#	Start Location	End Location	Length [NM]
1	N 35° 54' 2.28" W 87° 3' 0.06"	N 35° 52' 33.84" W 87° 4' 10.16"	1.9
	VOR: BNA	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: GHM	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
	VOR: SYI	Available from N 35° 54' 2.28" W 87° 3' 0.06" to N 35° 52' 33.84" W 87° 4' 10.16"	
2	N 35° 11' 57.20" W 87° 27' 0.47"	N 35° 11' 42.39" W 87° 27' 9.87"	0.3
	VOR: GHM	Available from N 35° 11' 57.20" W 87° 27' 0.47" to N 35° 11' 42.39" W 87° 27' 9.87"	
	VOR: MSL	Available from N 35° 11' 57.20" W 87° 27' 0.47" to N 35° 11' 42.39" W 87° 27' 9.87"	

DME/DME (Continued.)

Return To Summary

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	565.8	114.10	BNA	Used
		ESV: Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 212.0° to 229.0°			Arc Distance: Out to 85.0 NM Altitude: 7000.0 to 16500.0 Ft.		
2	GHM	N 35° 50' 2.12" W 87° 27' 6.35"	L	774.7	111.60	GHM	Used
		ESV: Bearing [True]: 176.0° to 188.0° Bearing [Mag]: 173.0° to 185.0°			Arc Distance: Out to 48.0 NM Altitude: 12000.0 to 24000.0 Ft.		
3	RQZ	N 34° 47' 50.06" W 86° 38' 1.85"	L	1199.3	112.20	RQZ	Used
		Restriction: Bearing [True]: 27.0° to 91.0° Bearing [Mag]: 25.0° to 89.0°			Distance: Beyond 6.0 NM Altitude: Below 99999.0 Ft.		
		Restriction: Bearing [True]: 27.0° to 91.0° Bearing [Mag]: 25.0° to 89.0°			Distance: Beyond 6.0 NM Altitude: Below 5500.0 Ft.		
		Restriction: Bearing [True]: 92.0° to 161.0° Bearing [Mag]: 90.0° to 159.0°			Distance: Beyond 20.0 NM Altitude: Below 3500.0 Ft.		
		Restriction: Bearing [True]: 318.0° to 1.0° Bearing [Mag]: 316.0° to 359.0°			Distance: Beyond 20.0 NM Altitude: Below 3500.0 Ft.		
		Restriction: Bearing [True]: 2.0° to 26.0° Bearing [Mag]: 0.0° to 24.0°			Distance: Beyond 20.0 NM Altitude: Below 4000.0 Ft.		
		ESV: Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°			Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 Ft.		



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:04:53 AM
Input File:	KBNA DRURY1 SID RW02
Databases:	AVNIS Date: 08/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	**Please Check Flyability Results**
DME/DME	✔	
Radars	?	
Comms	?	
TERPS	?	

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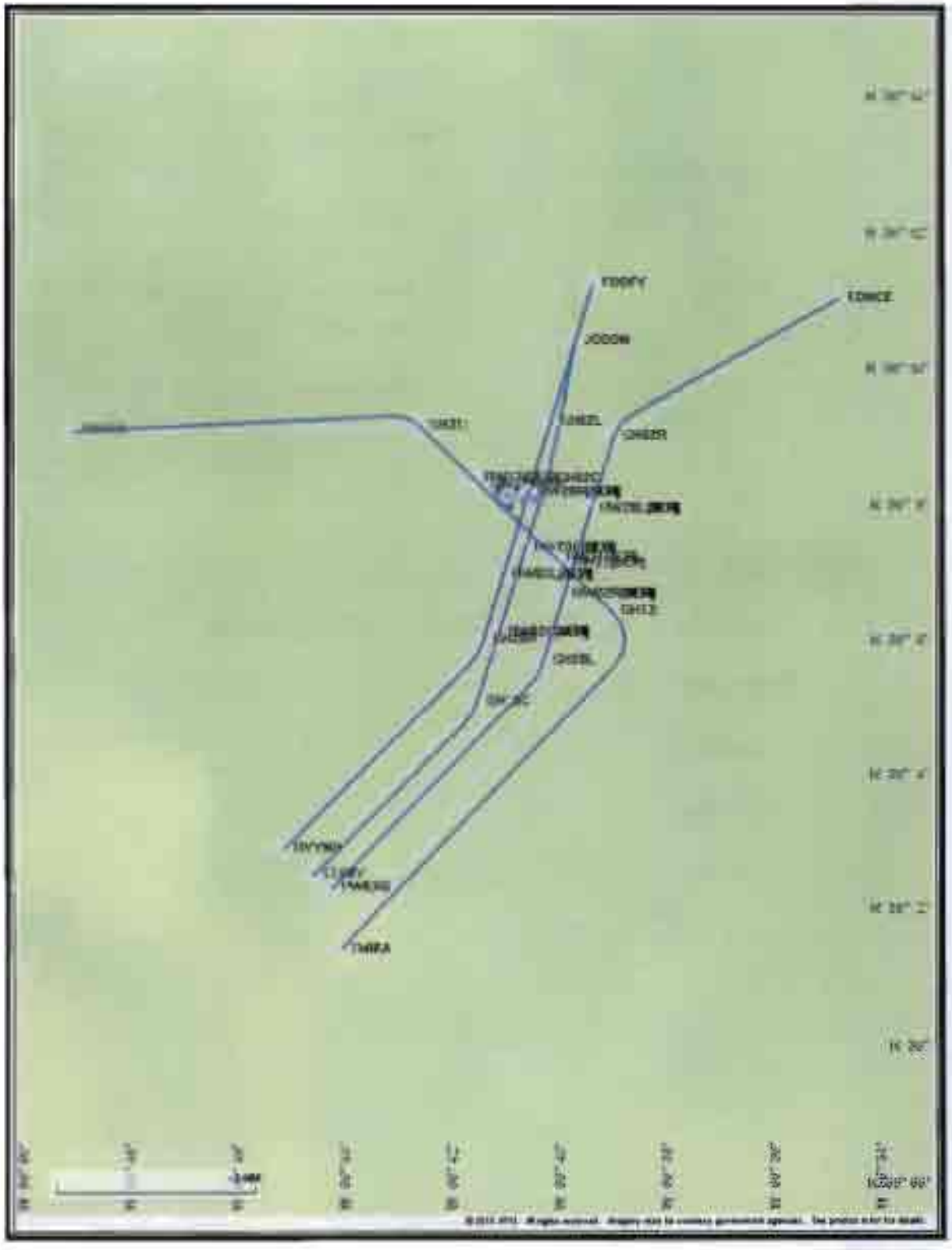

EDMCE
JOOON
CHEER
CHEEL
CHEEK
CHEEL
TMBRA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW02C(...	WP	N 36° 6' 11.99" W 86° 41' 16.66"	569.0	VNAV	0.0	Fly Over	TF
RW20C(...	WP	N 36° 7' 27.24" W 86° 40' 46.55"	606.8	VNAV	130.0	Fly Over	VA
GH02C	WP	N 36° 8' 27.61" W 86° 40' 22.38"	1100.0	VNAV	145.0	Fly Over	DF
JOOON	WP	N 36° 10' 30.30" W 86° 39' 50.22"	1517.5	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -43.35 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

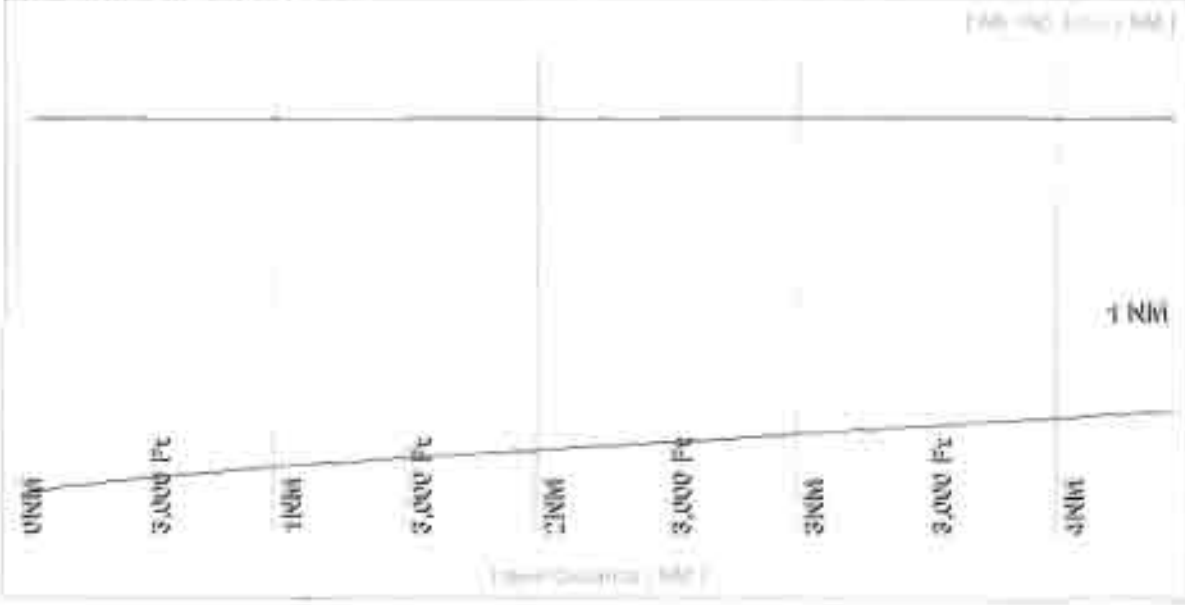
Settings:

RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found



DME/DME (Continued.)

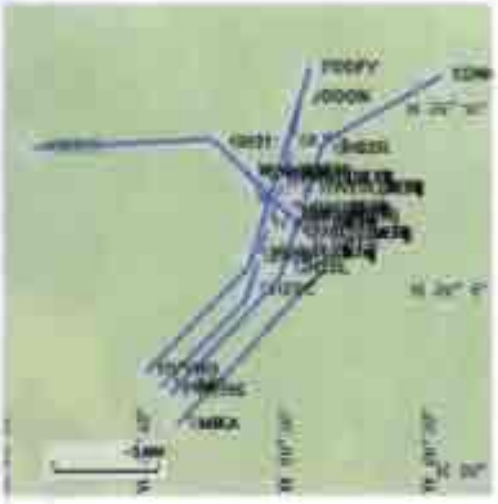
Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		
1.3		
2.4		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 6' 11.99" W 86° 41' 16.66"	N 36° 10' 29.93" W 86° 39' 50.31"	4.5
	VOR: BNA	Available from N 36° 6' 11.99" W 86° 41' 16.66" to N 36° 10' 29.93" W 86° 39' 50.31"	
	VOR: SYI	Available from N 36° 6' 11.99" W 86° 41' 16.66" to N 36° 10' 29.93" W 86° 39' 50.31"	



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:06:13 AM
Input File:	KBNA DRURY1 SID RW13
Databases:	AVNIS Date: 06/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ **Please Check Flyability Results**
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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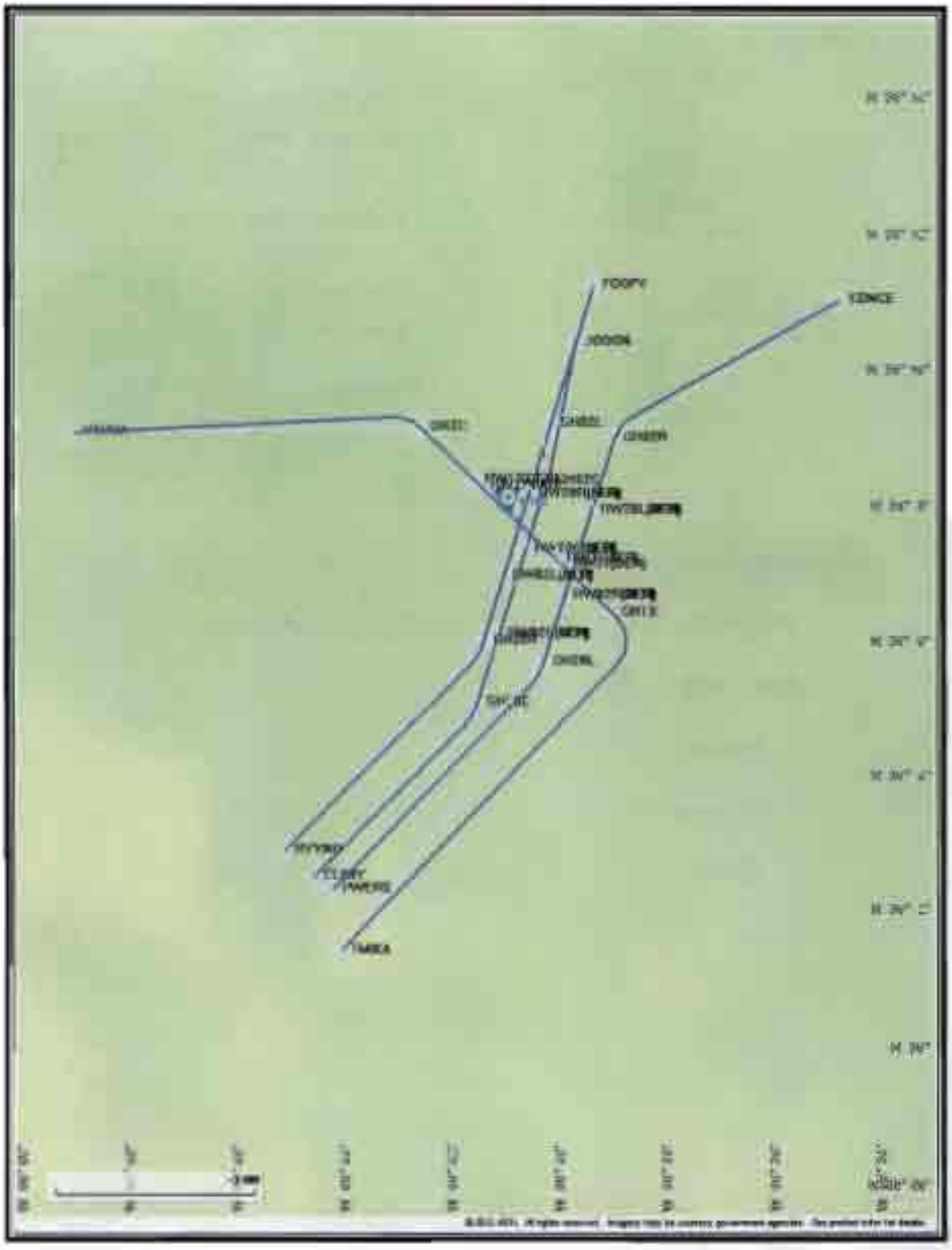

FOOPY
JOOON
CINCE
GREEN
TWYSL
GRIZ
CHEEL
SAV
TMBEA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW13(A...	WP	N 36° 8' 23.16" W 86° 41' 36.17"	535.8	VNAV	0.0	Fly Over	TF
RW31(D...	WP	N 36° 7' 13.79" W 86° 40' 5.44"	617.2	VNAV	130.0	Fly Over	VA
GH13:	WP	N 36° 6' 31.09" W 86° 39' 9.65"	1100.0	VNAV	145.0	Fly Over	DF
TMIKA	WP	N 36° 1' 30.54" W 86° 44' 12.36"	2392.3	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -55.12 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

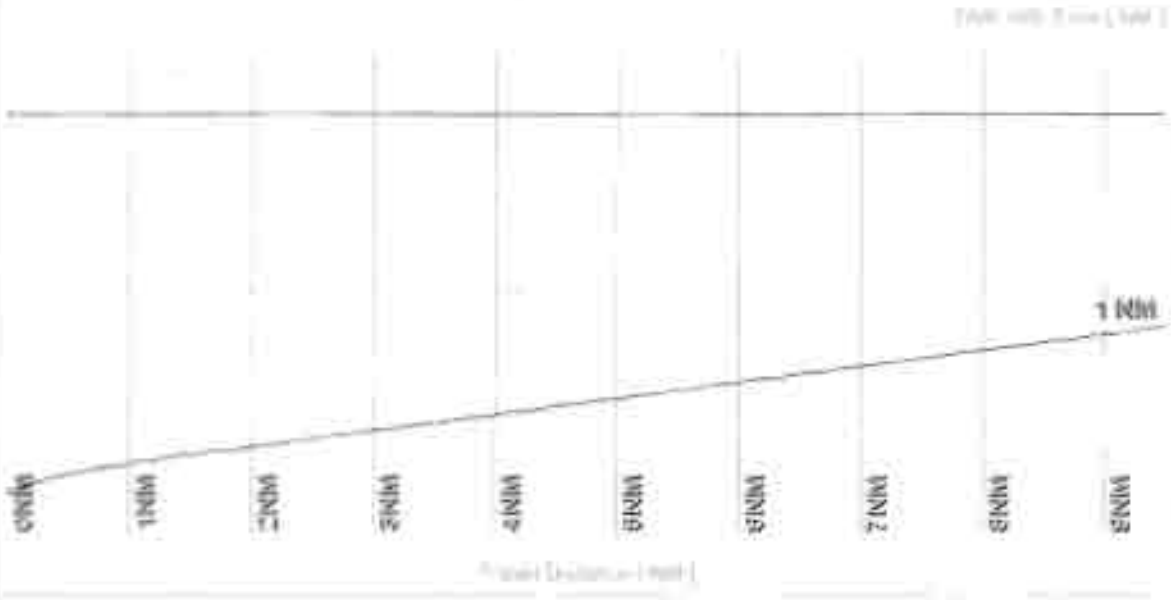
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs

No Critical DMEs were found

Available DMEs: BNA



DME/DME (Continued.)

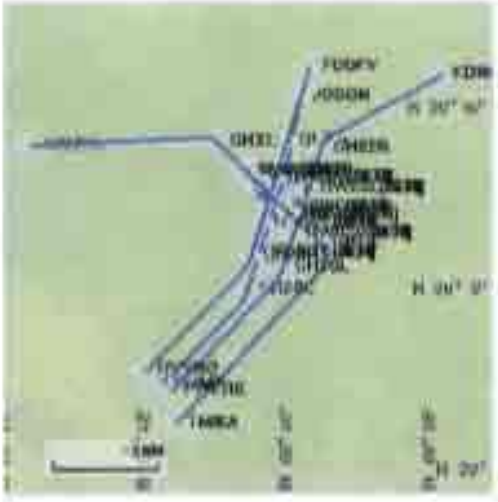
Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		
1.7		
2.7	BNA	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 8' 23.16" W 86° 41' 36.17"	N 36° 1' 31.64" W 86° 44' 11.03"	9.5
	VOR: BNA	Available from N 36° 8' 23.16" W 86° 41' 36.17" to N 36° 1' 31.64" W 86° 44' 11.03"	
	VOR: SYI	Available from N 36° 8' 23.16" W 86° 41' 36.17" to N 36° 1' 31.64" W 86° 44' 11.03"	
	VOR: GHM	Available from N 36° 4' 8.96" W 86° 41' 1.02" to N 36° 1' 31.64" W 86° 44' 11.03"	



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:05:50 AM
Input File:	KBNA DRURY1 SID RW02...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	**Please Check Flyability Results**
DME/DME	✔	
Radars	?	
Comms	?	
TERPS	?	

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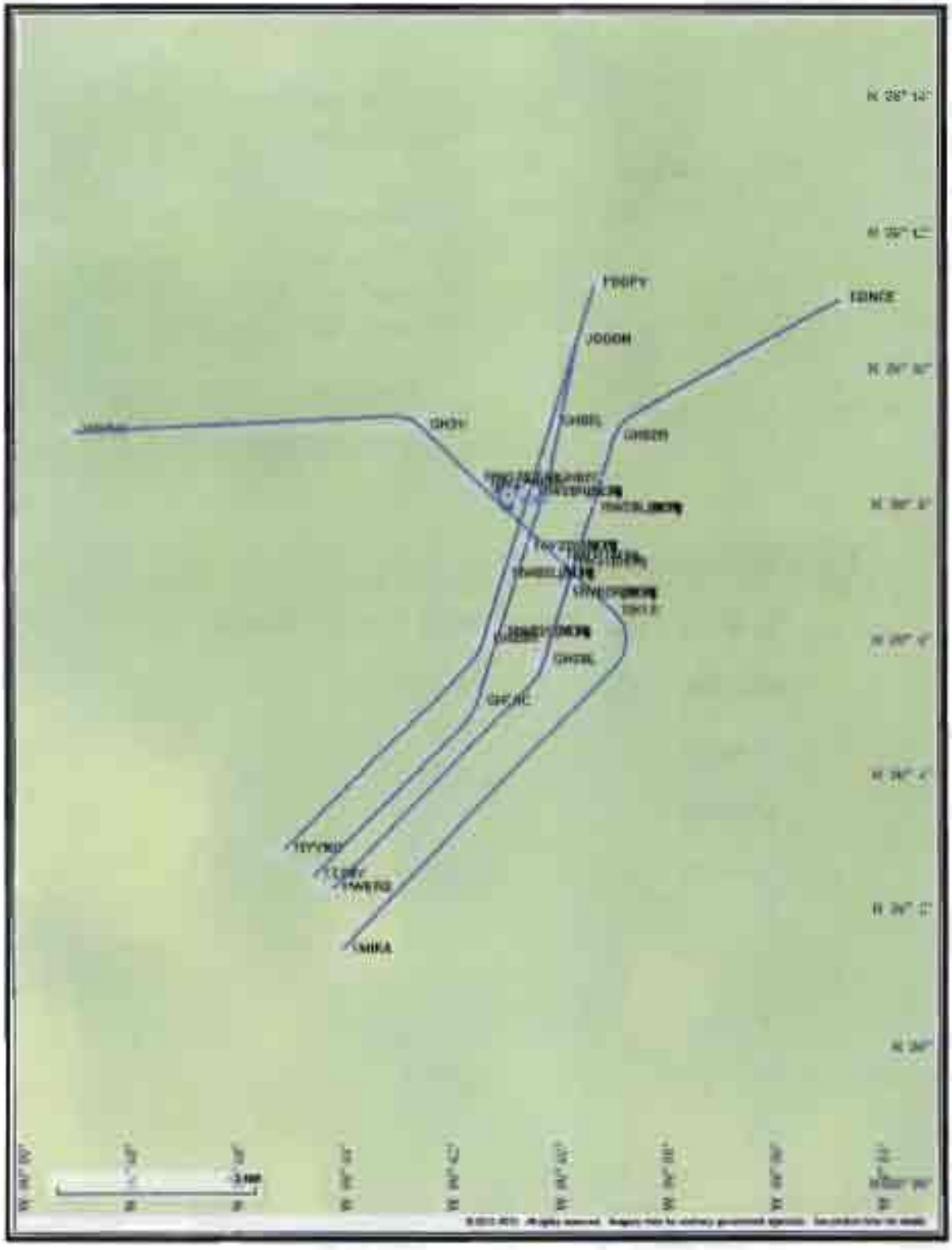

JOOOH
GH2V
GH2R
GH2L
GH2C
MIKA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW02R(...	WP	N 36° 6' 45.77" W 86° 40' 3.52"	589.7	VNAV	0.0	Fly Over	TF
RW20L(...	WP	N 36° 8' 1.01" W 86° 39' 33.40"	574.9	VNAV	130.0	Fly Over	VA
GH02R	WP	N 36° 9' 5.03" W 86° 39' 7.77"	1100.0	VNAV	145.0	Fly Over	DF
KDNCE	WP	N 36° 11' 7.30" W 86° 34' 55.24"	1893.8	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -34.40 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

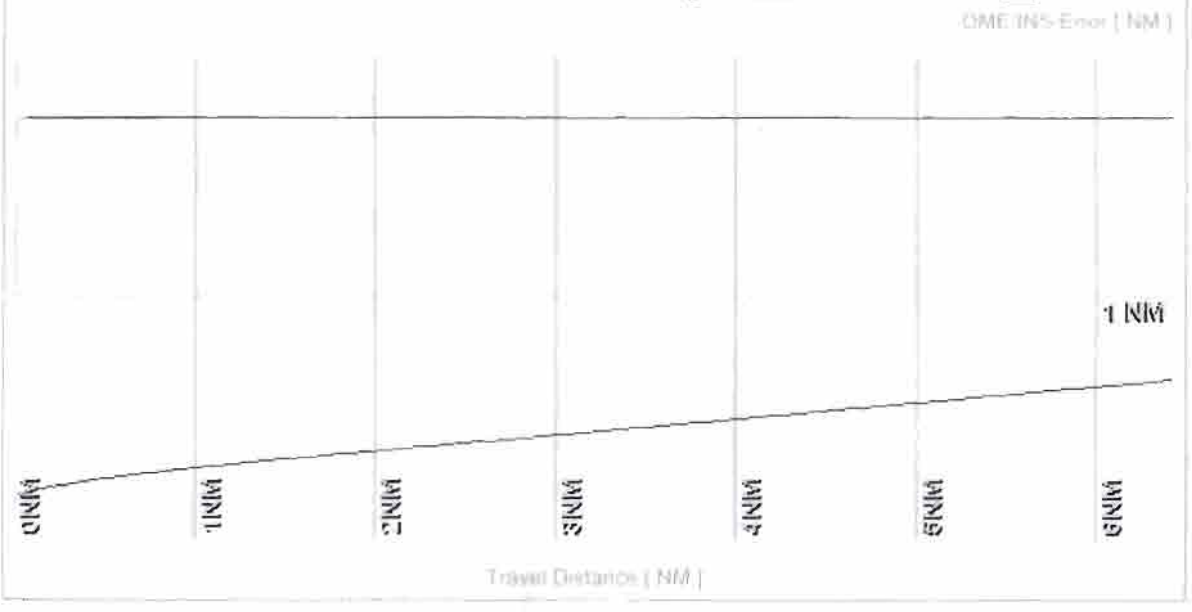
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found.

Available DMEs: BNA



DME/DME (Continued.)

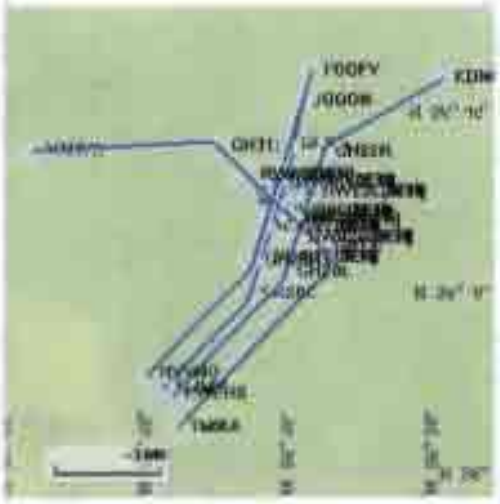
Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		
1.3		
2.4	BNA	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 6' 45.77" W 86° 40' 3.52"	N 36° 11' 6.75" W 86° 34' 56.50"	6.4
	VOR: BNA	Available from N 36° 6' 45.77" W 86° 40' 3.52" to N 36° 11' 6.75" W 86° 34' 56.50"	
	VOR: SYI	Available from N 36° 6' 45.77" W 86° 40' 3.52" to N 36° 11' 6.75" W 86° 34' 56.50"	



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:07:10 AM
Input File:	KBNA DRURY1 SID RW20
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ **Please Check Flyability Results**
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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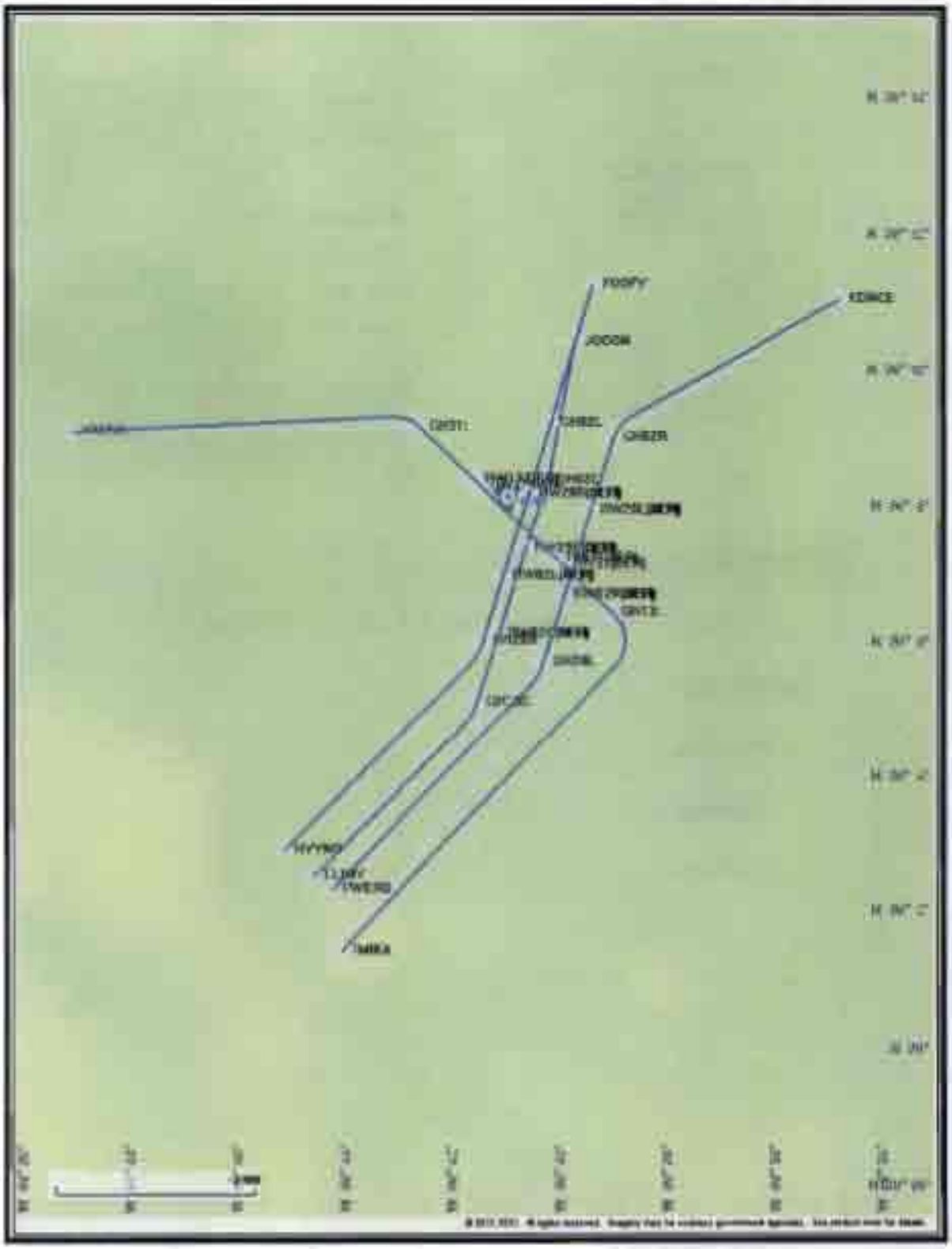

FOOPY
KBNCE
JOOOM
CHEZR
GRIT
MIKA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW20L(...	WP	N 36° 8' 1.01" W 86° 39' 33.40"	539.9	VNAV	0.0	Fly Over	TF
RW02R(...	WP	N 36° 6' 45.77" W 86° 40' 3.52"	624.7	VNAV	130.0	Fly Over	VA
GH20L	WP	N 36° 5' 47.44" W 86° 40' 26.85"	1100.0	VNAV	145.0	Fly Over	DF
PWERS	WP	N 36° 2' 24.47" W 86° 44' 21.88"	2027.3	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -60.22 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

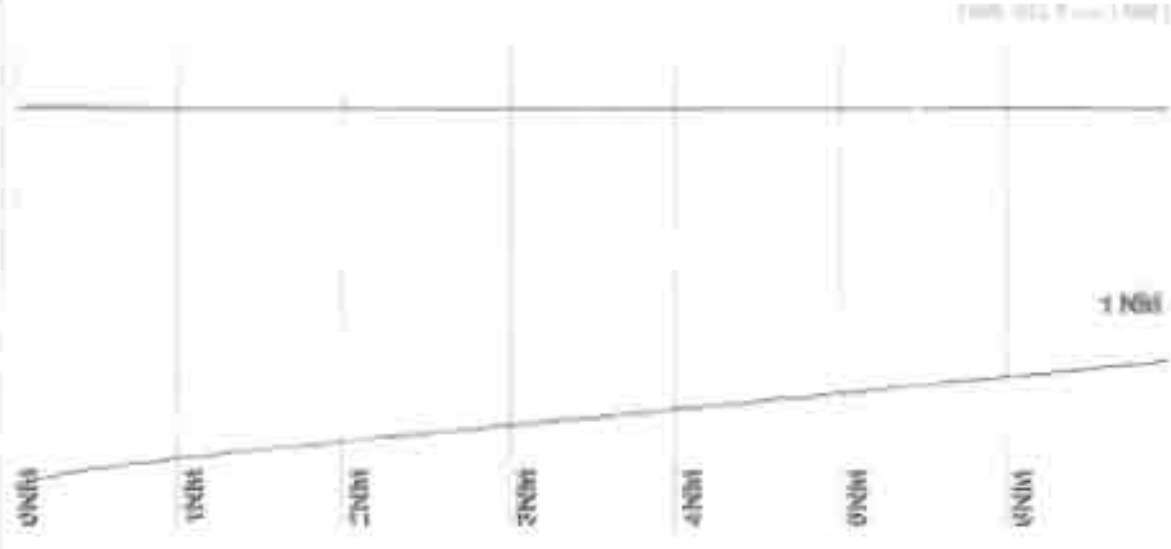
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs

No Critical DMEs were found.

Available DMEs: BNA



DME/DME (Continued.)

Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.3						
2.3	BNA					

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 8' 1.01" W 86° 39' 33.40"	N 36° 2' 24.52" W 86° 44' 21.82"	7.0
VOR: BNA		Available from N 36° 8' 1.01" W 86° 39' 33.40" to N 36° 2' 24.52" W 86° 44' 21.82"	
VOR: SYI		Available from N 36° 8' 1.01" W 86° 39' 33.40" to N 36° 2' 24.52" W 86° 44' 21.82"	
VOR: GHM		Available from N 36° 4' 53.10" W 86° 41' 22.01" to N 36° 2' 24.52" W 86° 44' 21.82"	

Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID PNA GRID AREA ASSESSMENT 20120319
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	3/19/2012 11:53:12 AM
Input File:	Grid Area Assessment
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Grid ✔ DME/DME Grid Analysis

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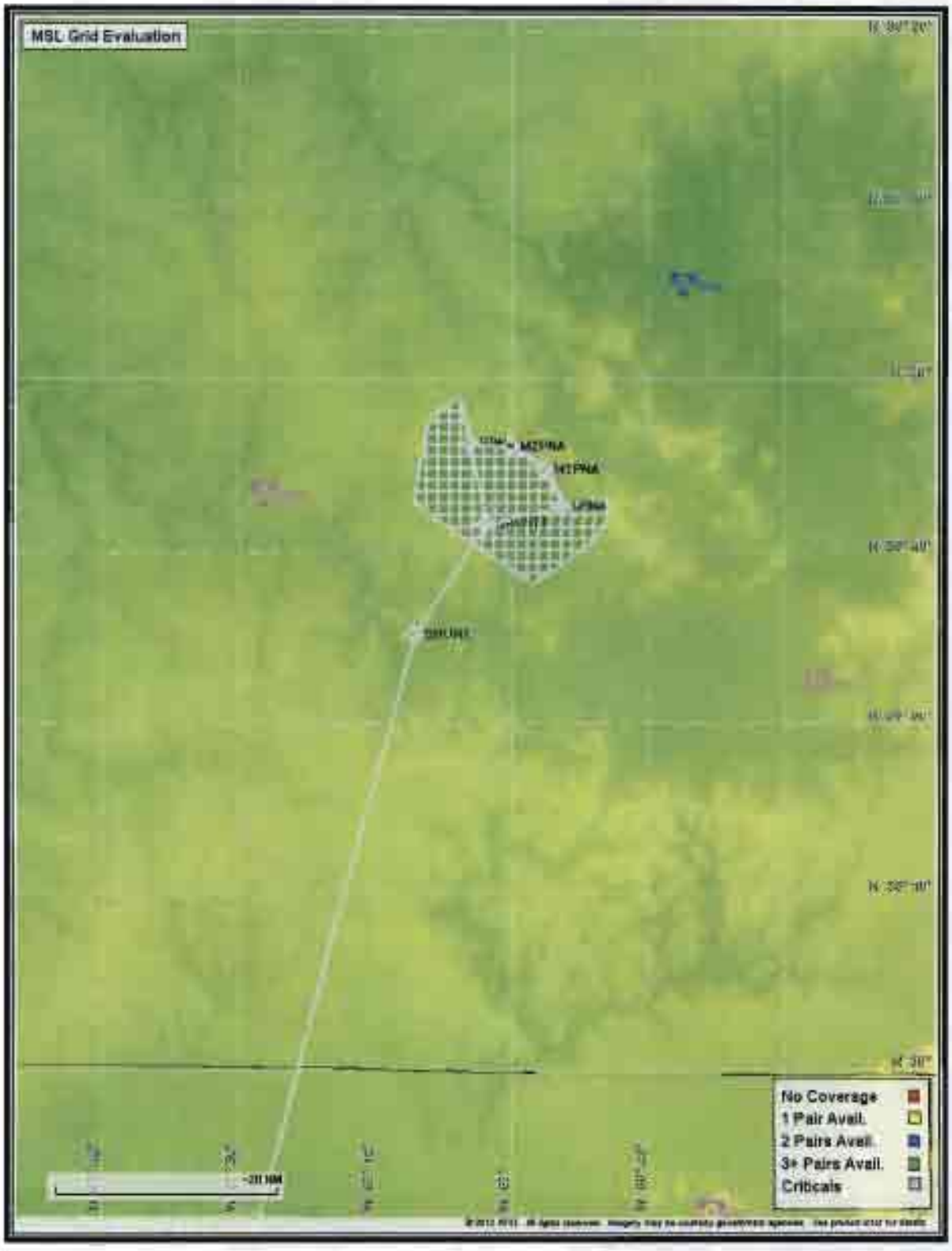

MSL Grid Evaluation
No Coverage
1 Pair Avail.
2 Pairs Avail.
3+ Pairs Avail.
Criticals

DME/DME Grid Analysis

Return To Summary

Coverage Exists

Settings:

Polygon Grid Definition:

1	Lat: N 35° 48' 47.40" Lon: W 86° 54' 24.33"	21	Lat: N 35° 57' 23.63" Lon: W 87° 7' 35.59"
2	Lat: N 35° 49' 36.79" Lon: W 86° 49' 35.52"	22	Lat: N 35° 57' 40.00" Lon: W 87° 7' 5.64"
3	Lat: N 35° 49' 7.76" Lon: W 86° 49' 30.29"	23	Lat: N 35° 57' 53.28" Lon: W 87° 6' 33.45"
4	Lat: N 35° 48' 38.42" Lon: W 86° 49' 29.46"	24	Lat: N 35° 58' 3.27" Lon: W 87° 5' 59.50"
5	Lat: N 35° 48' 9.21" Lon: W 86° 49' 33.01"	25	Lat: N 35° 58' 7.88" Lon: W 87° 5' 36.99"
6	Lat: N 35° 47' 40.58" Lon: W 86° 49' 40.91"	26	Lat: N 35° 54' 12.68" Lon: W 87° 4' 36.12"
7	Lat: N 35° 47' 12.95" Lon: W 86° 49' 53.03"	27	Lat: N 35° 54' 12.68" Lon: W 87° 4' 36.12"
8	Lat: N 35° 46' 46.72" Lon: W 86° 50' 9.19"	28	Lat: N 35° 54' 20.18" Lon: W 87° 3' 33.67"
9	Lat: N 35° 46' 22.29" Lon: W 86° 50' 29.15"	29	Lat: N 35° 54' 21.42" Lon: W 87° 2' 30.56"
10	Lat: N 35° 46' 0.03" Lon: W 86° 50' 52.61"	30	Lat: N 35° 54' 16.39" Lon: W 87° 1' 27.74"
11	Lat: N 35° 45' 40.26" Lon: W 86° 51' 19.22"	31	Lat: N 35° 54' 5.15" Lon: W 87° 0' 26.15"
12	Lat: N 35° 45' 29.00" Lon: W 86° 51' 37.81"	32	Lat: N 35° 53' 47.89" Lon: W 86° 59' 26.70"
13	Lat: N 35° 42' 9.69" Lon: W 86° 57' 35.85"	33	Lat: N 35° 53' 24.85" Lon: W 86° 58' 30.30"
14	Lat: N 35° 49' 11.59" Lon: W 87° 10' 46.68"	34	Lat: N 35° 52' 56.38" Lon: W 86° 57' 37.77"
15	Lat: N 35° 54' 56.87" Lon: W 87° 9' 26.52"	35	Lat: N 35° 52' 22.91" Lon: W 86° 56' 49.91"
16	Lat: N 35° 55' 25.34" Lon: W 87° 9' 17.75"	36	Lat: N 35° 51' 44.93" Lon: W 86° 56' 7.43"
17	Lat: N 35° 55' 52.72" Lon: W 87° 9' 4.78"	37	Lat: N 35° 51' 3.03" Lon: W 86° 55' 30.97"

DME/DME Grid Analysis (Continued.)

Return To Summary

Coverage Exists

Settings:

Polygon Grid Definition:

18	Lat: N 35° 56' 18.62" Lon: W 87° 8' 47.80"	**38**	Lat: N 35° 50' 17.81" Lon: W 86° 55' 1.05"
19	Lat: N 35° 56' 42.63" Lon: W 87° 8' 27.06"	**39**	Lat: N 35° 49' 29.97" Lon: W 86° 54' 38.14"
20	Lat: N 35° 57' 4.41" Lon: W 87° 8' 2.87"	**40**	Lat: N 35° 48' 47.40" Lon: W 86° 54' 24.33"

Lat Step: 1 NM
Lon Step: 1 NM
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Co-Frequencies: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME and VORTAC
DME Include Angles: 30 to 150
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Maximum Possible ESVs Used
Altitude: 6000.0 Ft. MSL
PNA Import from RDVA-Pro: KBNA PNA GRCHN DRURY

DME/DME Grid Analysis (Continued.)

Return To Summary

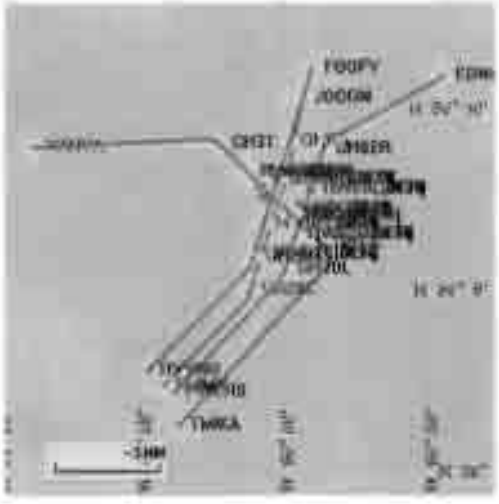
Maximum Gap: 0.0 NM

Maximum Critical Gap: 0.0 NM

	AGL Altitudes
Min Cell Altitude	4,861.5 Ft
Max Cell Altitude	5,281.5 Ft
Mean Cell Altitude	5,072.2 Ft
Std. Dev. Cell Altitude	84.6 Ft

Statistics based only on passing cells

Most Used DMEs: SYI (174), RQZ (174), MSL (174), JKS (174), HCH (174), GHM (174), DCU (174), CKV (174), BWG (174), and BNA (174).



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:07:39 AM
Input File:	KBNA DRURY1 SID RW20
Databases:	AVNIS Date: 08/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ **Please Check Flyability Results**
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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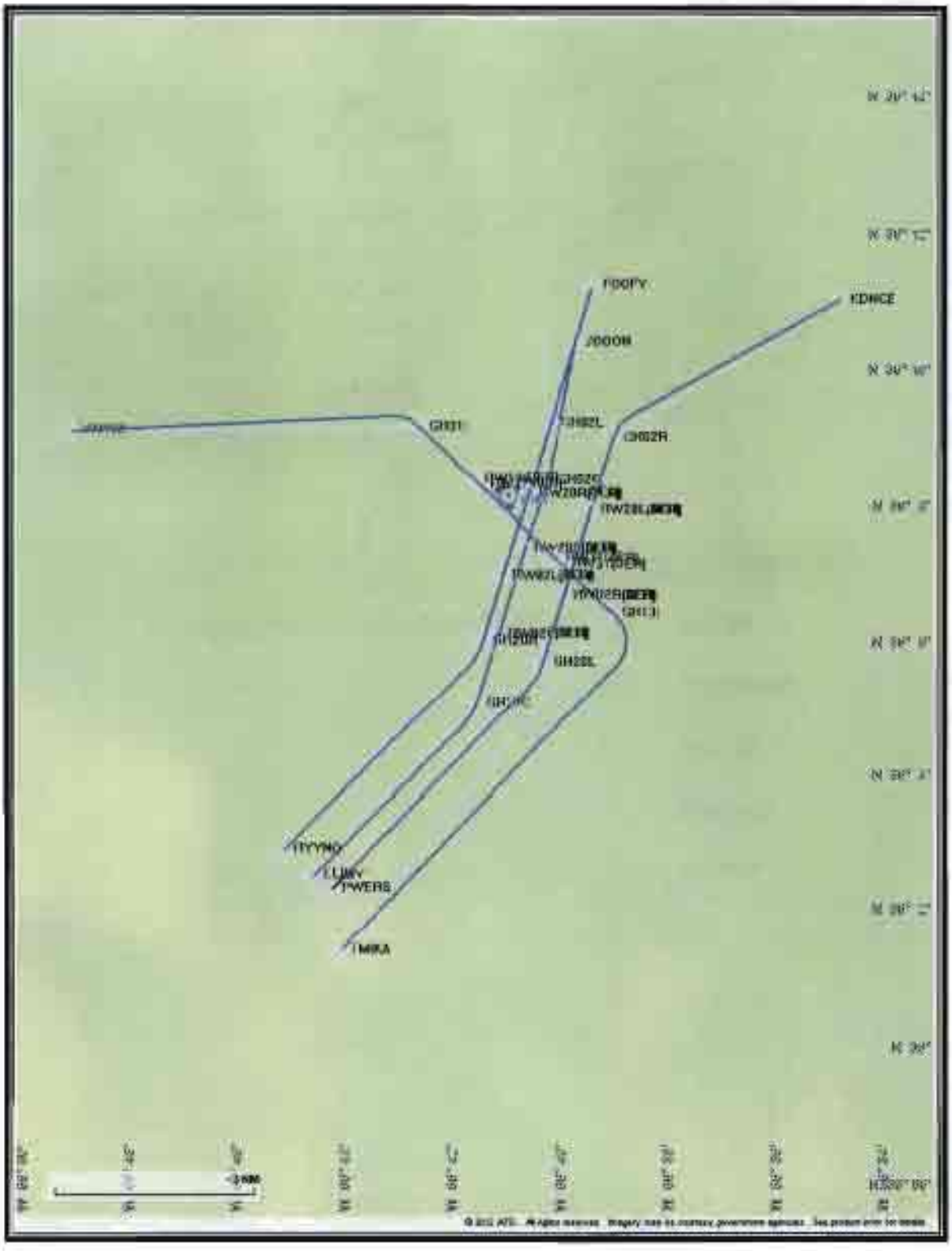

KDHCE
G031
G032R
G032L
G033
G033L
TYYNO
LUMY
PWERS
MIKA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW20R(...	WP	N 36° 8' 16.23" W 86° 40' 42.84"	555.4	VNAV	0.0	Fly Over	TF
RW02L(...	WP	N 36° 7' 3.64" W 86° 41' 11.31"	633.5	VNAV	130.0	Fly Over	VA
GH20R	WP	N 36° 6' 6.21" W 86° 41' 33.83"	1100.0	VNAV	145.0	Fly Over	DF
RYYNO	WP	N 36° 2' 59.09" W 86° 45' 16.28"	1965.6	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -25.32 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between ACR and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs

No Critical DMEs were found

Available DMEs: BNA

DME/DME (Continued.)

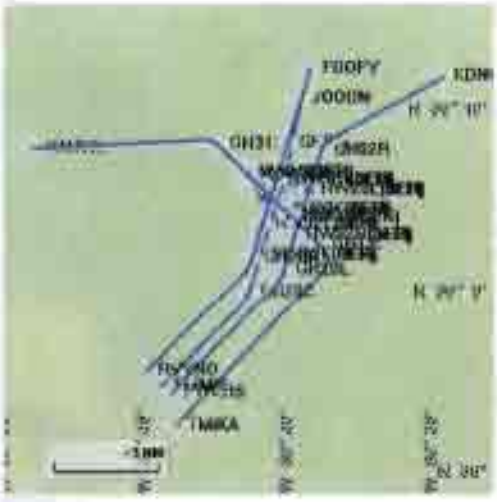
Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		
1.3		
2.3	BNA	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 8' 16.23" W 86° 40' 42.84"	N 36° 3' 0.25" W 86° 45' 14.83"	6.6
	VOR: BNA	Available from N 36° 8' 16.23" W 86° 40' 42.84" to N 36° 3' 0.25" W 86° 45' 14.83"	
	VOR: SYI	Available from N 36° 8' 16.23" W 86° 40' 42.84" to N 36° 3' 0.25" W 86° 45' 14.83"	
	VOR: GHM	Available from N 36° 5' 46.23" W 86° 41' 47.58" to N 36° 3' 0.25" W 86° 45' 14.83"	



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:08:08 AM
Input File:	KBNA DRURY1 SID RW31...
Databases:	AVNIS Date: 08/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ **Please Check Flyability Results**
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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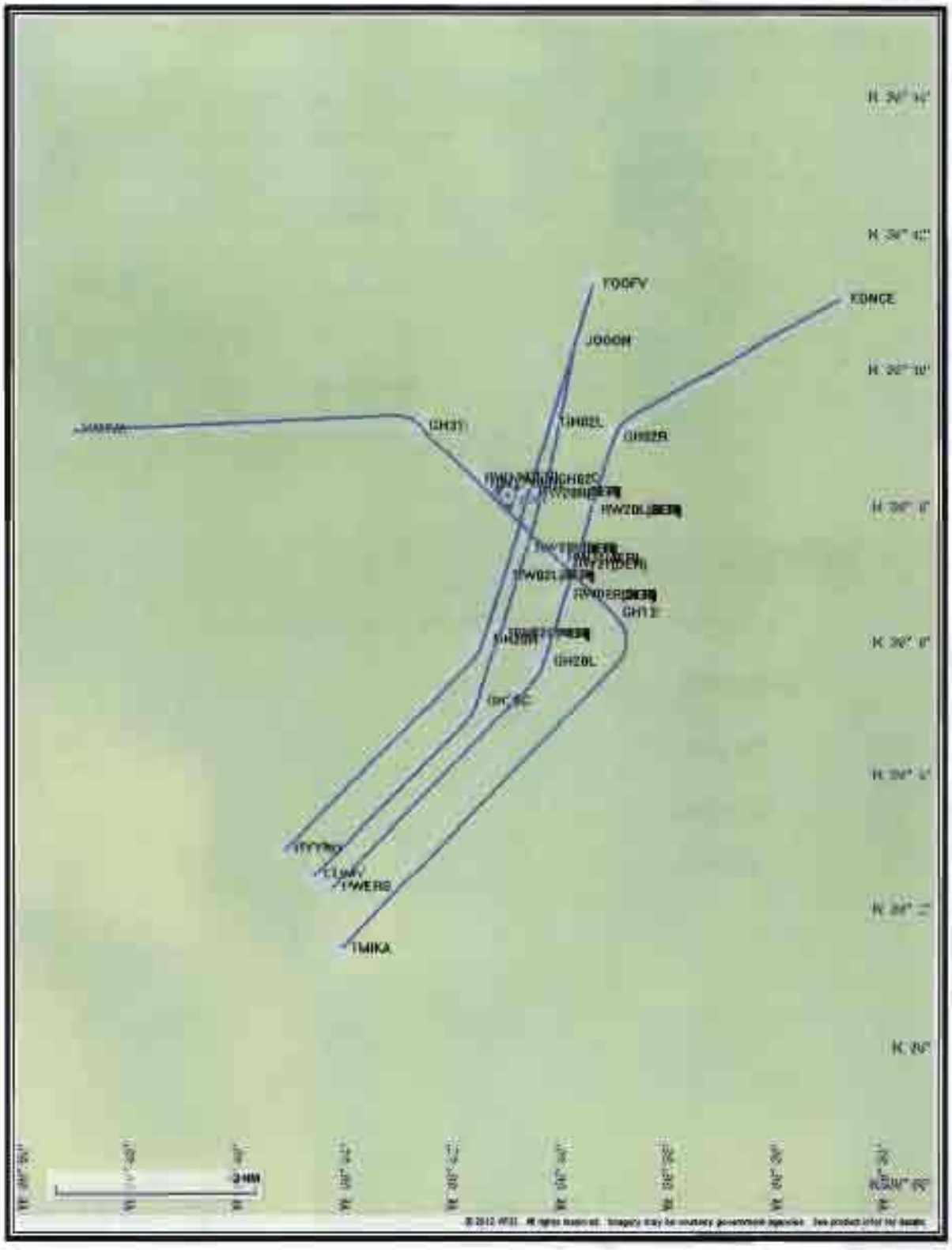

TOOFV
KDNCE
JOOON
GH31
GH02R
RW20L
GH12
GH20L
TMIKA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW31(A...	WP	N 36° 7' 18.81" W 86° 40' 12.01"	582.2	VNAV	0.0	Fly Over	TF
RW13(D...	WP	N 36° 8' 28.60" W 86° 41' 43.28"	570.8	VNAV	130.0	Fly Over	VA
GH31	WP	N 36° 9' 15.09" W 86° 42' 44.12"	1100.0	VNAV	145.0	Fly Over	DF
YAHYA	WP	N 36° 9' 10.44" W 86° 49' 11.86"	2146.8	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -23.28 Ft.
Flight Track contacted terrain (DTED M 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

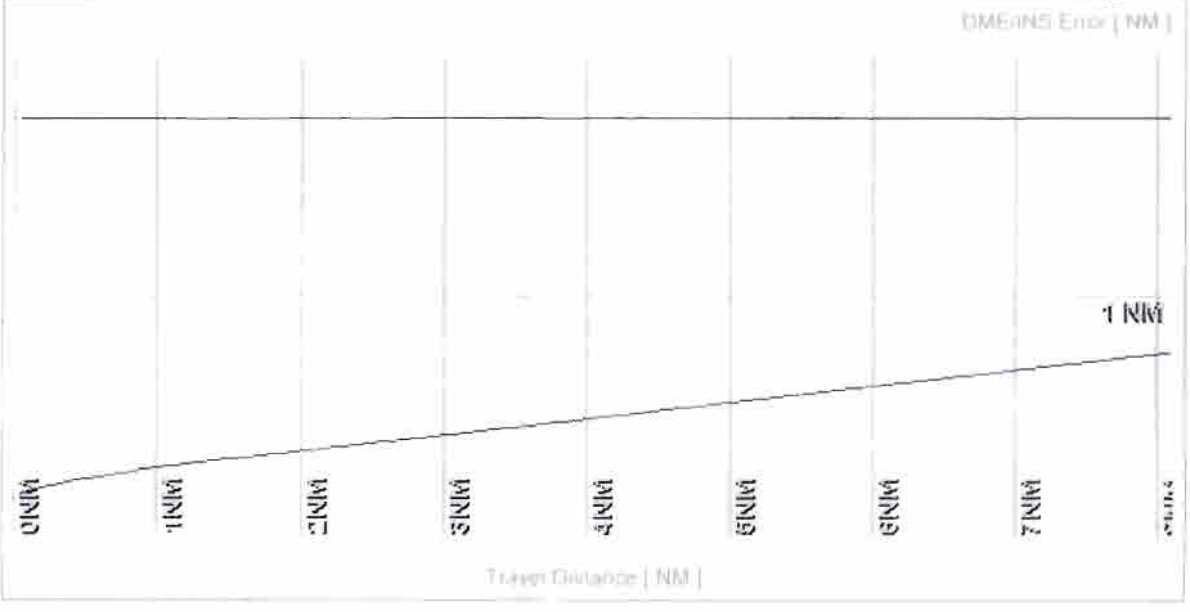
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found

Available DMEs: BNA



DME/DME (Continued.)

Return To Summary

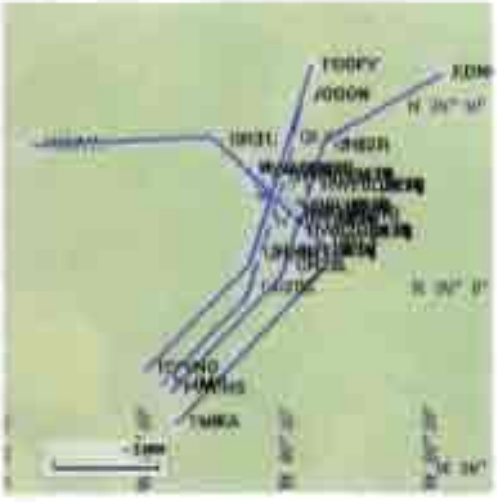
Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.7						
2.8	BNA					

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 7' 18.81" W 86° 40' 12.01"	N 36° 9' 10.47" W 86° 49' 11.12"	8.1

VOR: BNA	Available from N 36° 7' 18.81" W 86° 40' 12.01" to N 36° 9' 10.47" W 86° 49' 11.12"
VOR: SYI	Available from N 36° 7' 18.81" W 86° 40' 12.01" to N 36° 9' 10.47" W 86° 49' 11.12"
VOR: GHM	Available from N 36° 9' 22.67" W 86° 43' 57.83" to N 36° 9' 10.47" W 86° 49' 11.12"



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:06:40 AM
Input File:	KBNA DRURY1 SID RW20...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔ **Please Check Flyability Results**
DME/DME	✔
Radars	?
Comms	?
TERPS	?

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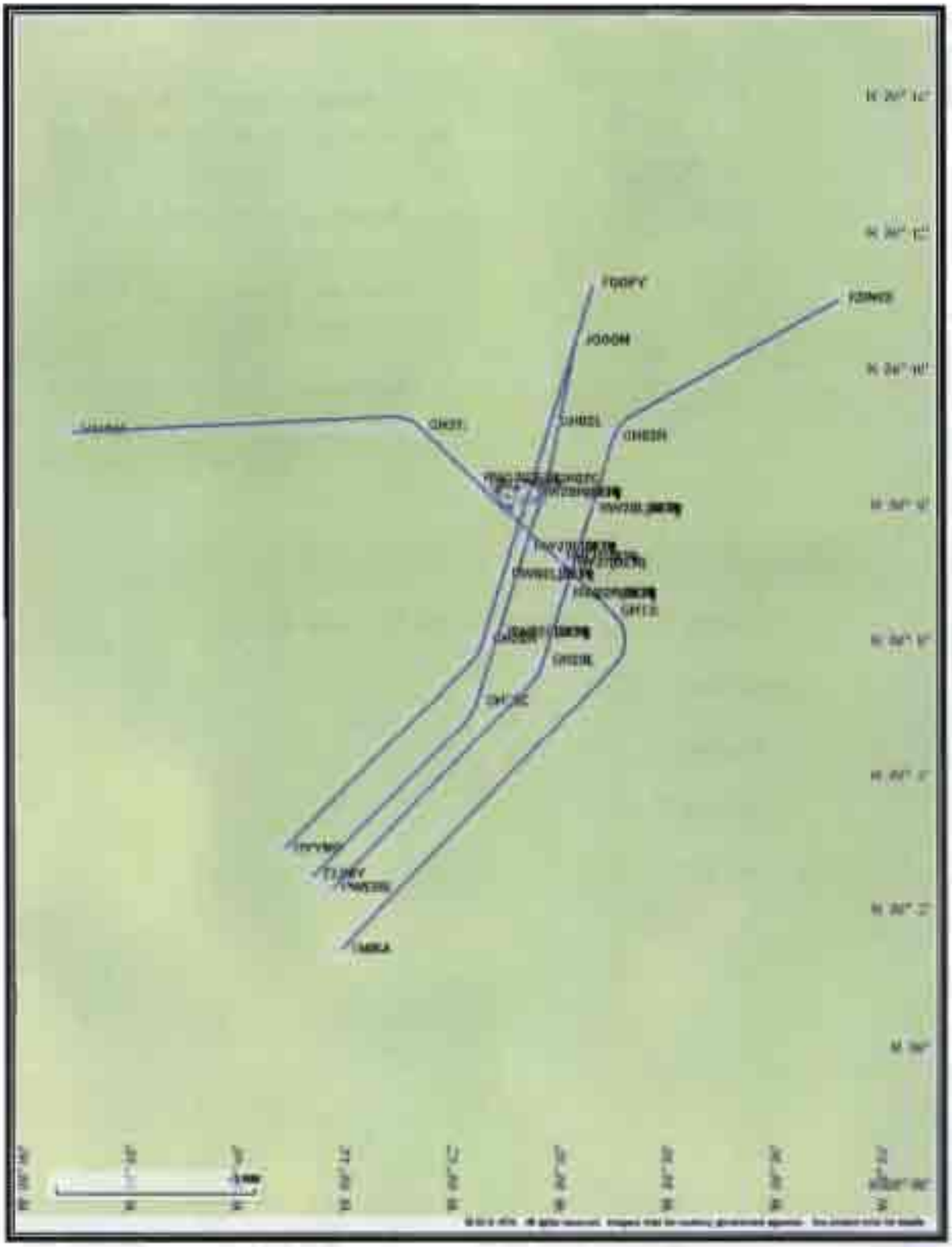

FQOPY
JOOOM
OH02L
OH03R
OH01L
OH01C
TIMBA

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW20C(...	WP	N 36° 7' 27.24" W 86° 40' 46.55"	571.8	VNAV	0.0	Fly Over	TF
RW02C(...	WP	N 36° 6' 11.99" W 86° 41' 16.68"	604.0	VNAV	130.0	Fly Over	VA
GH20C	WP	N 36° 5' 11.30" W 86° 41' 40.93"	1100.0	VNAV	145.0	Fly Over	DF
ELIMY	WP	N 36° 2' 35.87" W 86° 44' 43.06"	1814.1	VNAV	180.0	Fly Over	DF

Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure **120.0 Kts** out to **10.0 NM**
Table
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -39.02 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

Settings:

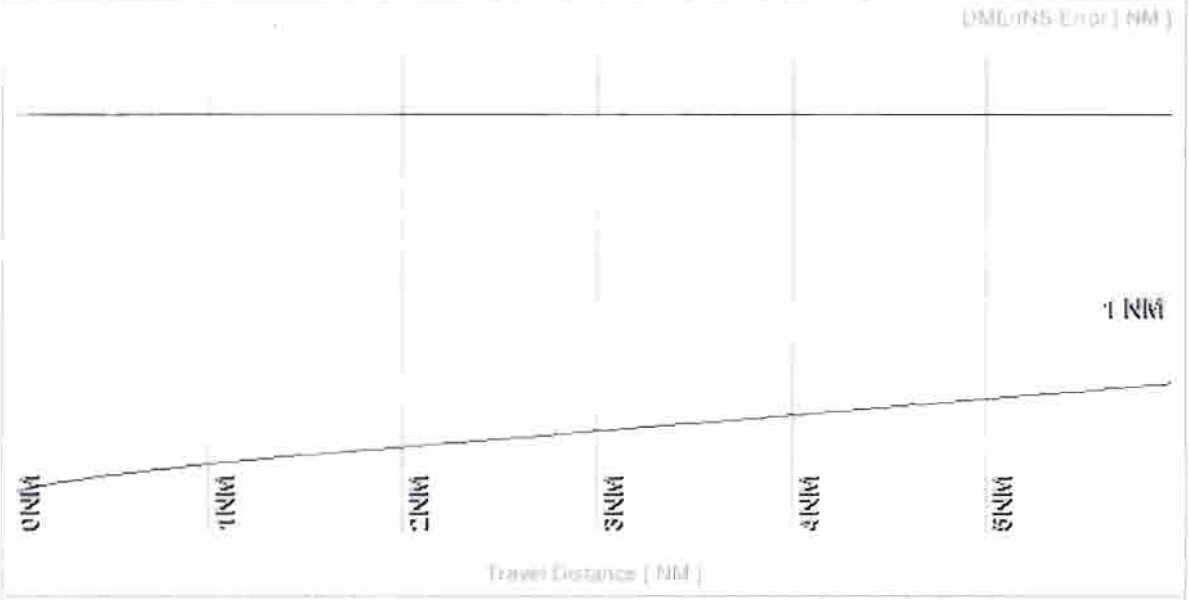
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found.

Available DMEs: BNA



DME/DME (Continued.)

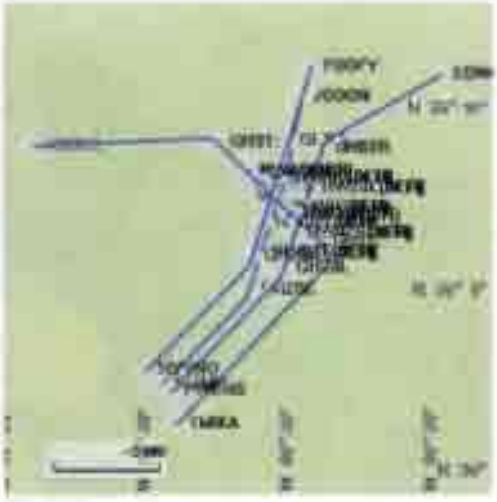
Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.3						
2.4	BNA					

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 7' 27.24" W 86° 40' 46.55"	N 36° 2' 36.27" W 86° 44' 42.56"	6.0
	VOR: BNA	Available from N 36° 7' 27.24" W 86° 40' 46.55" to N 36° 2' 36.27" W 86° 44' 42.56"	
	VOR: SYI	Available from N 36° 7' 27.24" W 86° 40' 46.55" to N 36° 2' 36.27" W 86° 44' 42.56"	
	VOR: GHM	Available from N 36° 5' 22.19" W 86° 41' 36.56" to N 36° 2' 36.27" W 86° 44' 42.56"	



Name:	Dennis Osterhage
Project Name:	KBNA DRURY1 SID ALL RWYS FIRST WP 20120404
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	4/4/2012 11:05:21 AM
Input File:	KBNA DRURY1 SID RW02
Databases:	AVNIS Date: 08/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	**Please Check Flyability Results**
DME/DME	✔	
Radars	?	
Comms	?	
TERPS	?	

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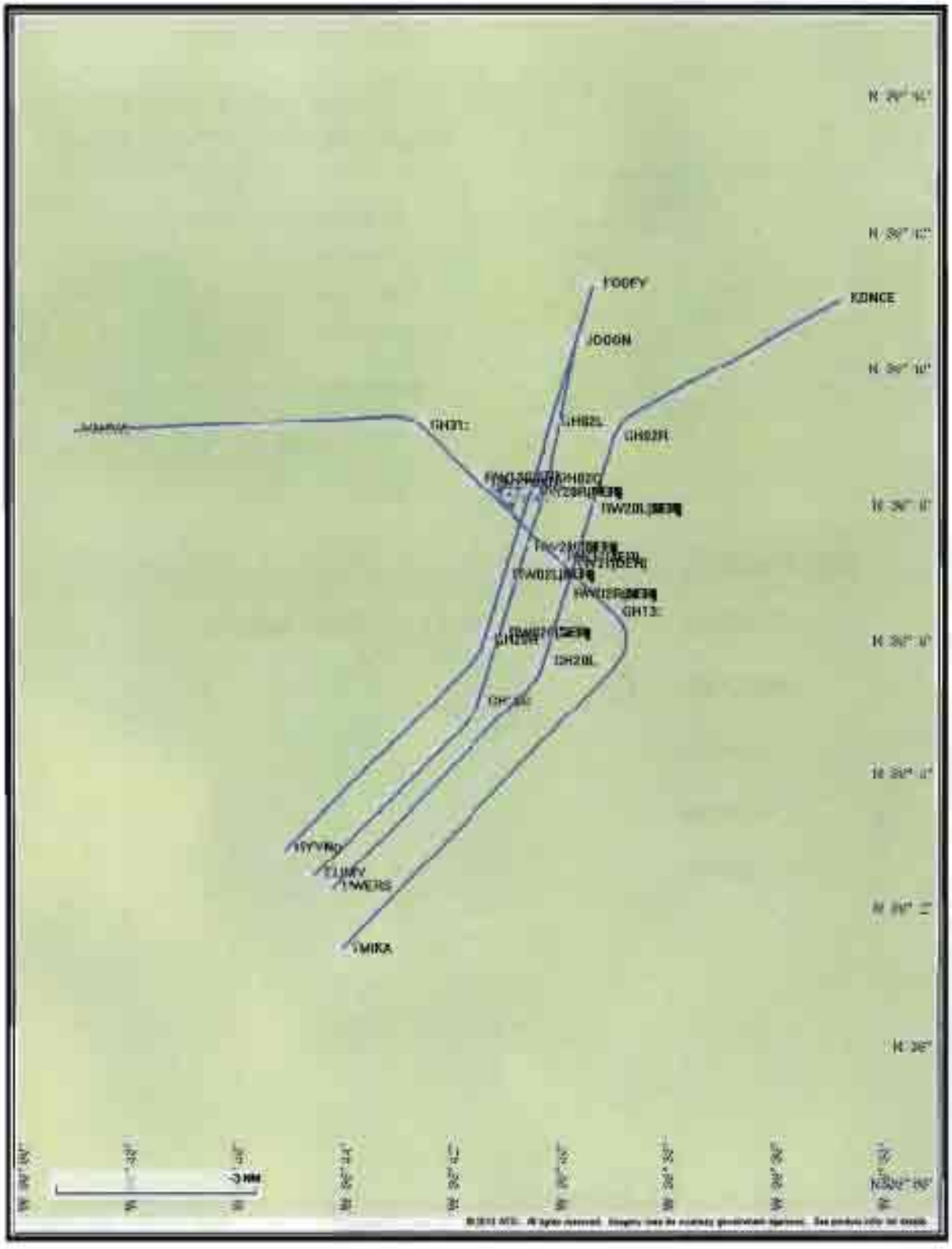

FOGEY
JOGON
KDNCE
GH31:
GH02L
GH02R
GH13:
GH20L
TMIKA
3 NM

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW02L(...	WP	N 36° 7' 3.64" W 86° 41' 11.31"	598.5	VNAV	0.0	Fly Over	TF
RW20R(...	WP	N 36° 8' 16.23" W 86° 40' 42.84"	590.4	VNAV	130.0	Fly Over	VA
GH02L	WP	N 36° 9' 18.59" W 86° 40' 18.36"	1100.0	VNAV	145.0	Fly Over	DF
FOOFY	WP	N 36° 11' 20.01" W 86° 39' 30.71"	1524.1	VNAV	180.0	Fly Over	DF
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL							

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KBNA
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 1100.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **29000.0 Ft.**
280.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Flight Track comes into contact with terrain. Minimum AGL along route was -16.08 Ft.
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.

DME/DME

Return To Summary

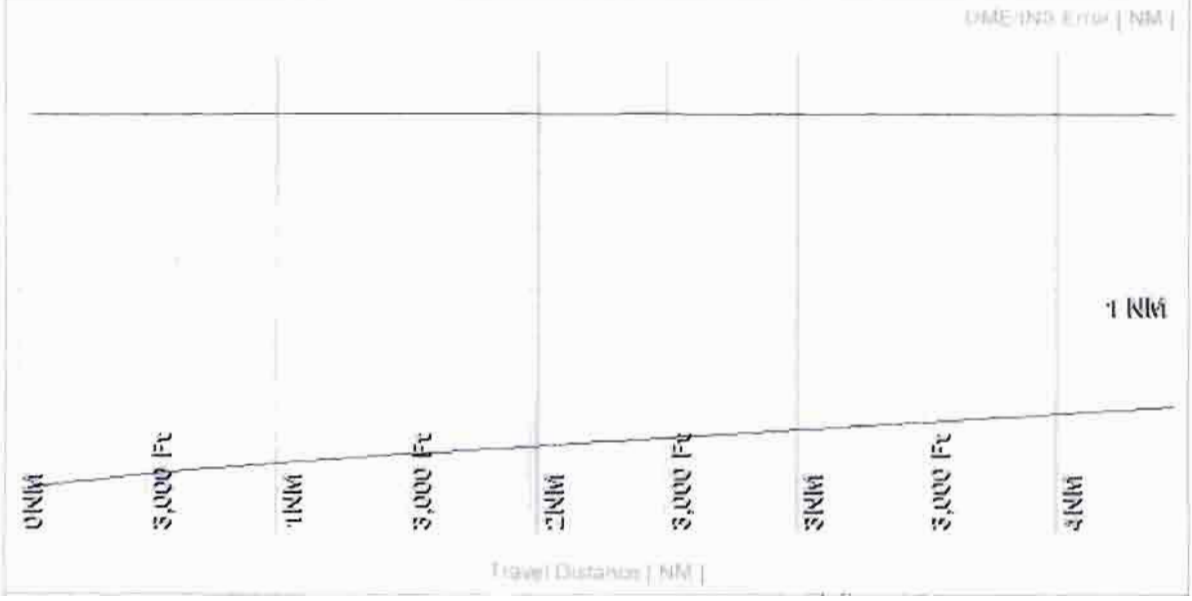
Settings:

RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found.



DME/DME (Continued.)

Return To Summary

Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		
1.3		
2.3		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 7' 3.64" W 86° 41' 11.31"	N 36° 11' 18.73" W 86° 39' 31.21"	4.5
	VOR: BNA	Available from N 36° 7' 3.64" W 86° 41' 11.31" to N 36° 11' 18.73" W 86° 39' 31.21"	
	VOR: SYI	Available from N 36° 7' 3.64" W 86° 41' 11.31" to N 36° 11' 18.73" W 86° 39' 31.21"	