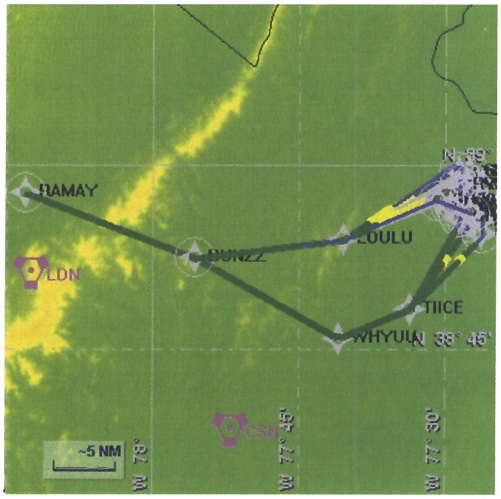

Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:52:21 AM
Input File:	KIAD BUNZZ1 SID RW01...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

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

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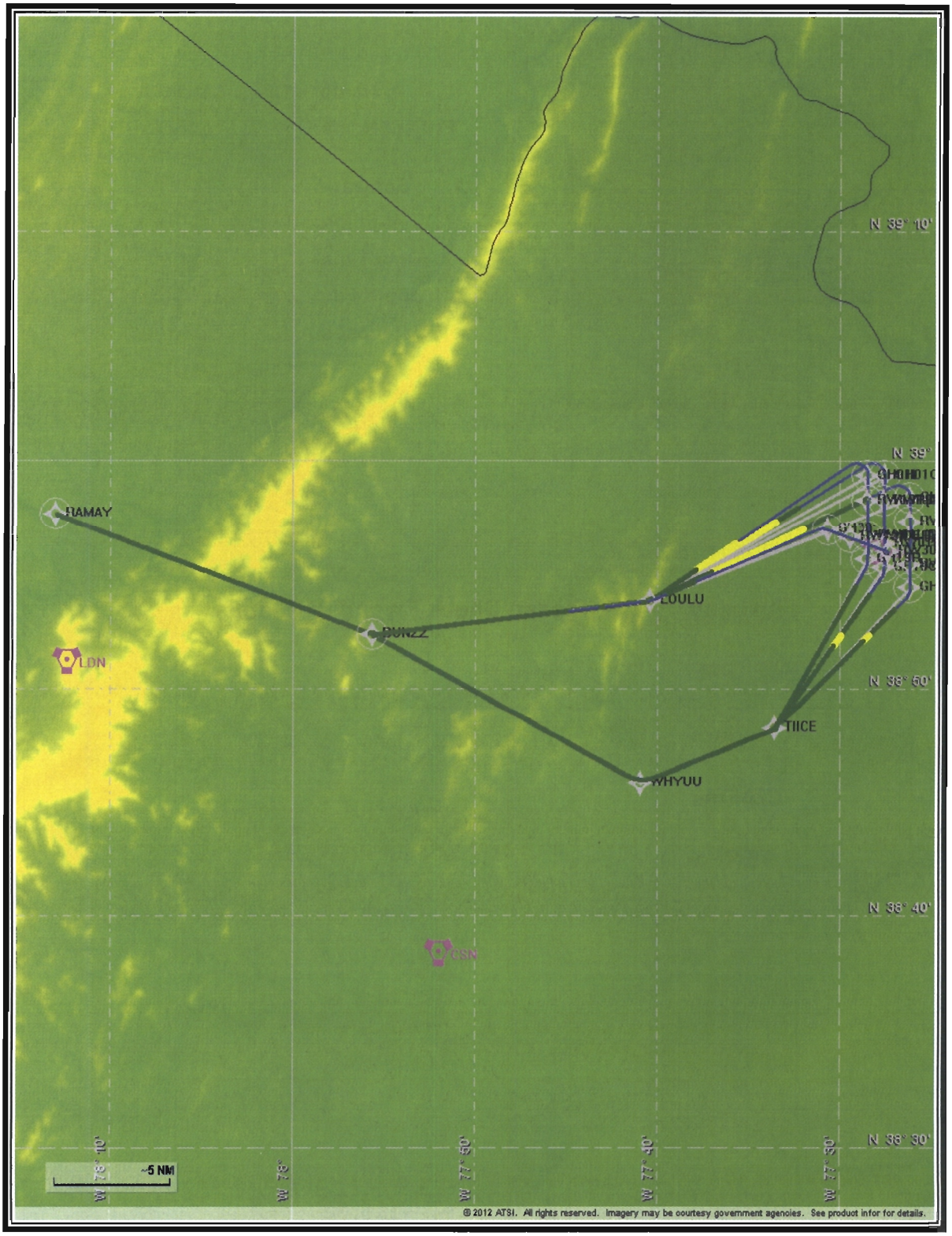
N 39° 10'
N 39°
HAMAY
LOULU
BUNZZ
LDN
N 38° 50'
TIICE
WHYUU
N 38° 40'
CSN
N 38° 30'
~5 NM
W 78° 10'
W 78°
W 77° 50'
W 77° 40'
W 77° 30'
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW01C(...	WP	N 38° 56' 20.64" W 77° 27' 35.21"	286.3	VNAV	0.0	Fly Over	TF
RW19C(...	WP	N 38° 58' 14.30" W 77° 27' 33.57"	303.7	VNAV	130.0	Fly Over	VA
GH01C	WP	N 38° 59' 20.51" W 77° 27' 32.61"	820.0	VNAV	145.0	Fly Over	DF
LOULU	WP	N 38° 53' 50.04" W 77° 40' 23.43"	3106.9	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	5502.9	VNAV	180.0	Fly By	TF
RAMAY	WP	N 38° 57' 38.57" W 78° 12' 59.01"	8412.4	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Required IAS at Fly-By WP LOULU could not be reached with given A/C acceleration performance.

Flight Track comes into contact with terrain. Minimum AGL along route was -15.54 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:

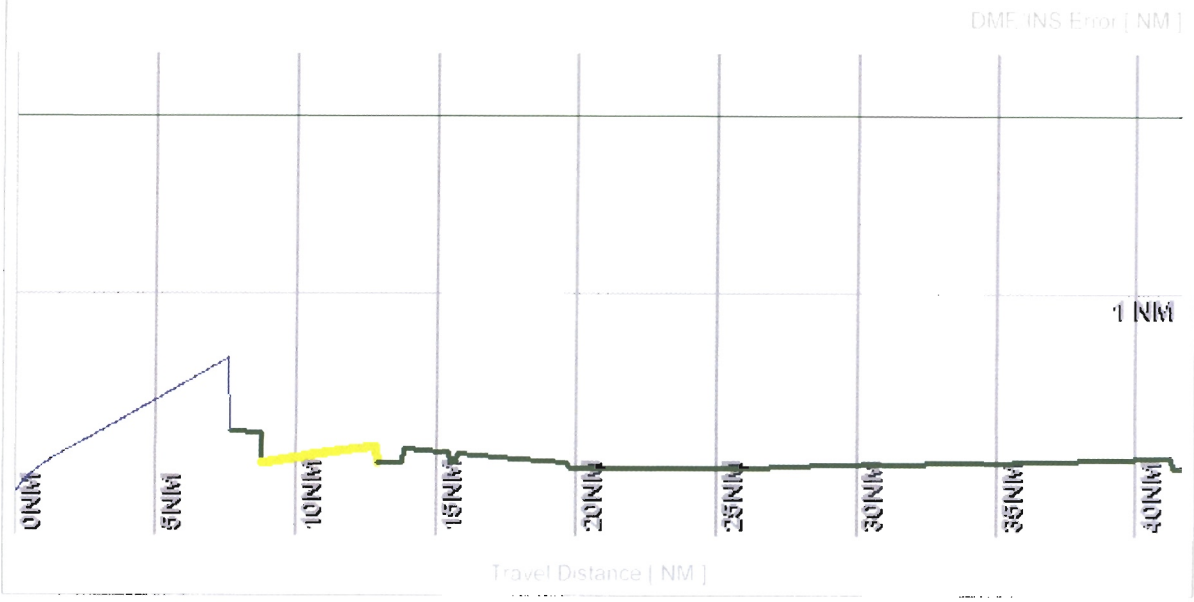
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 3107 Ft.

Total Number of DMEs Used: 5

Maximum DME Error: 0.736 NM.

No Critical DMEs were found.

Available DMEs: EMI, CSN, LDN, AML, ADW, MRB, ESL



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	1.365	Enabled	36.0 %	36.3 %
2	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	1.078	Enabled	30.8 %	36.5 %
3	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.736	Enabled	39.6 %	43.3 %
4	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.736	Enabled	2.7 %	2.8 %
5	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.852	Enabled	35.7 %	44.6 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.9						
2.9	CSN	LDN	AML	ADW	EMI	
14.6	CSN	LDN	AML	ADW	MRB	
26.5	CSN	LDN	AML	ESL	MRB	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

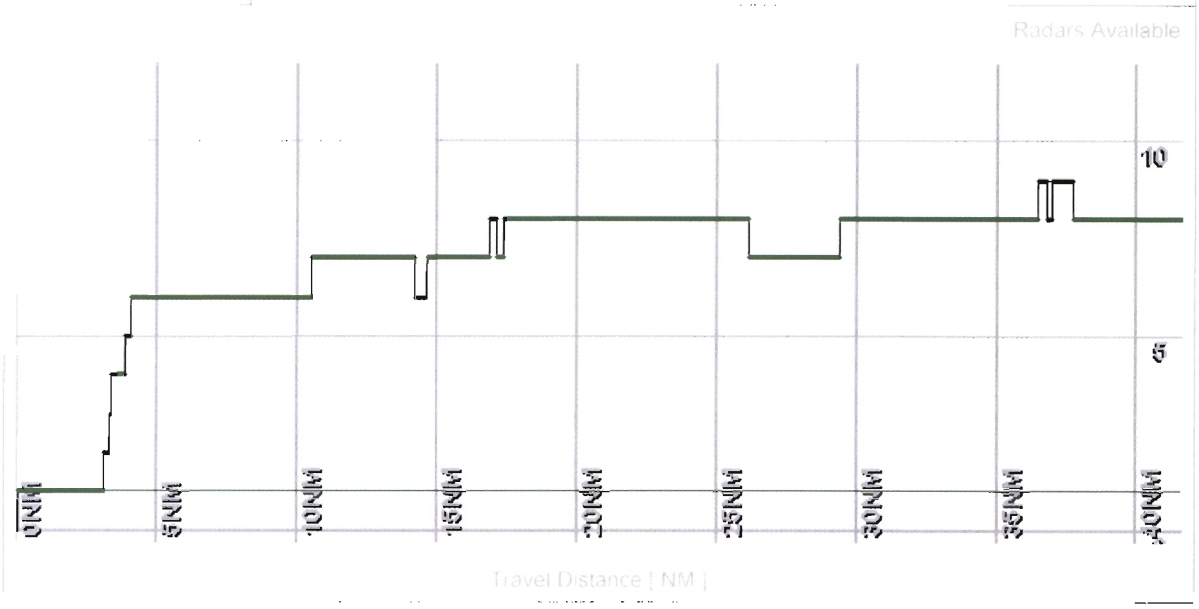
#	Start Location	End Location	Length [NM]
1	N 38° 56' 20.64" W 77° 27' 35.21"	N 38° 57' 57.16" W 77° 32' 15.64"	7.6

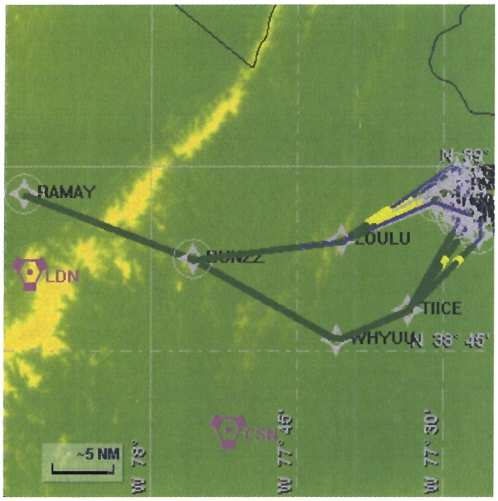
VOR: ADW	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: AML	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: BAL	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 59' 31.77" W 77° 29' 8.29"
VOR: BRV	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: CSN	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: DCA	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: FDK	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: LDN	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: MRB	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.16" W 77° 32' 15.64"
VOR: OTT	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 58' 15.66" W 77° 31' 39.04"
VOR: EMI	Available from N 38° 56' 33.56" W 77° 27' 35.02" to N 38° 58' 34.15" W 77° 31' 2.44"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:53:12 AM
Input File:	KIAD BUNZZ1 RW01L BU...
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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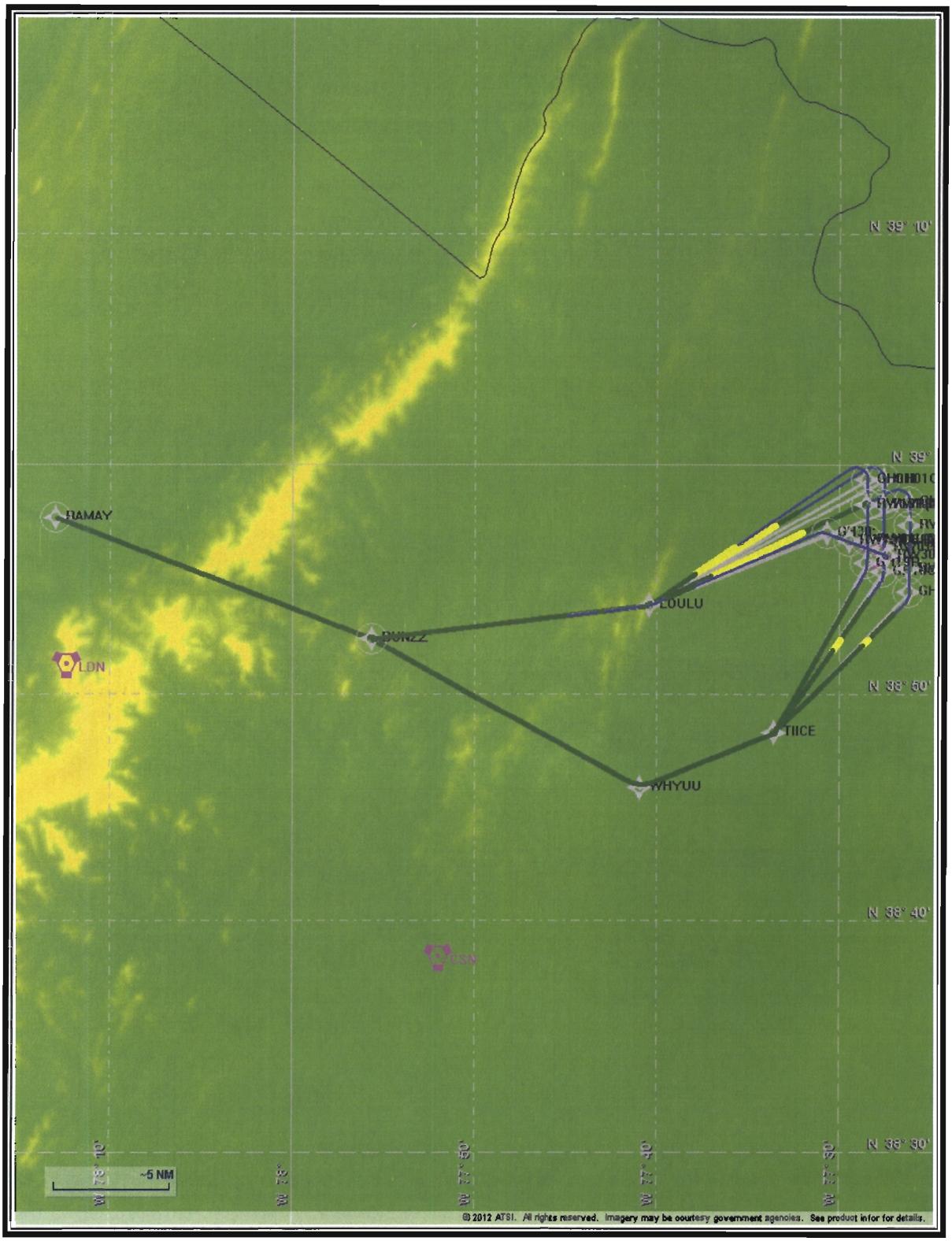
N 39° 10'
N 39°
RAMAY
LOULU
BUNZZ
LDN
N 38° 50'
TIICE
WHYUU
N 38° 40'
CSN
N 38° 30'
~5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW01L(...	WP	N 38° 56' 41.88" W 77° 28' 29.32"	296.0	VNAV	0.0	Fly Over	TF
RW19R(...	WP	N 38° 58' 14.78" W 77° 28' 27.98"	311.9	VNAV	130.0	Fly Over	VA
GH01L	WP	N 38° 59' 20.01" W 77° 28' 27.05"	820.0	VNAV	145.0	Fly Over	DF
LOULU	WP	N 38° 53' 50.04" W 77° 40' 23.43"	2983.0	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	5379.0	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 Kts up to **99900.0 Ft.**
Wind Settings: *None assigned*
Descent During a Turn: Allowed
VNAV Mode: Flight Plan

Required IAS at Fly-By WP LOULU could not be reached with given A/C acceleration performance.

Flight Track comes into contact with terrain. Minimum AGL along route was -5.84 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:

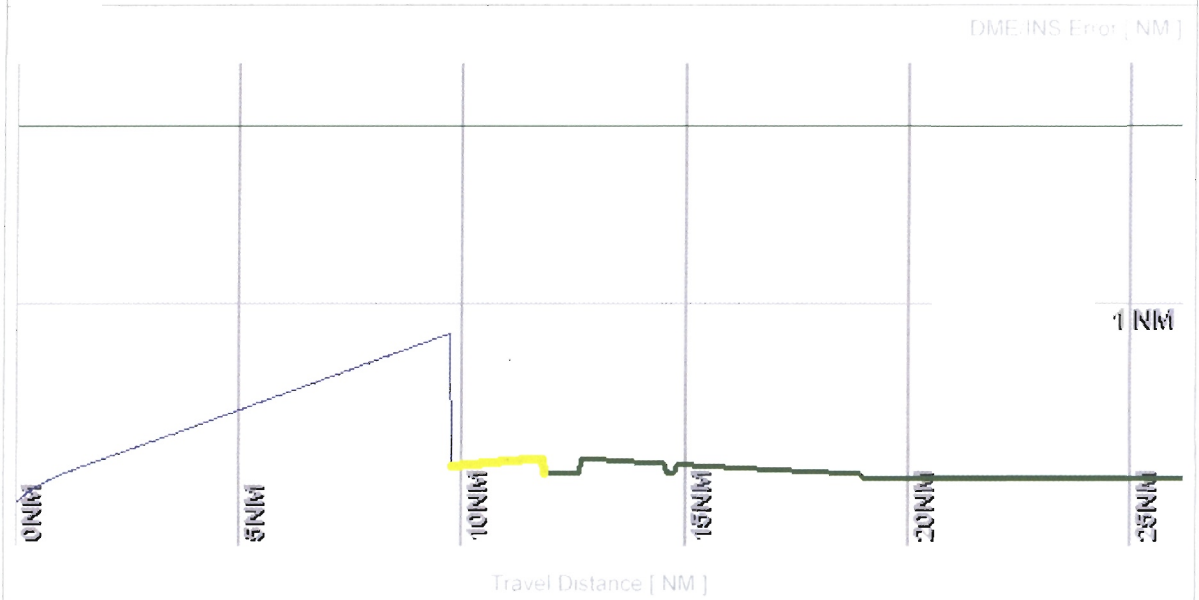
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 2983 Ft.

Total Number of DMEs Used: 5

Maximum DME Error: 0.878 NM.

No Critical DMEs were found.

Available DMEs: EMI, CSN, AML, LDN, ADW, MRB



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.878	Enabled	12.4 %	12.0 %
2	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	1.325	Enabled	39.5 %	47.3 %
3	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	1.016	Enabled	34.5 %	46.9 %
4	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.878	Enabled	3.8 %	4.0 %
5	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.878	Enabled	11.2 %	15.5 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.5						
2.6	AML	CSN	LDN	ADW	EMI	
13.6	AML	CSN	LDN	ADW	MRB	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

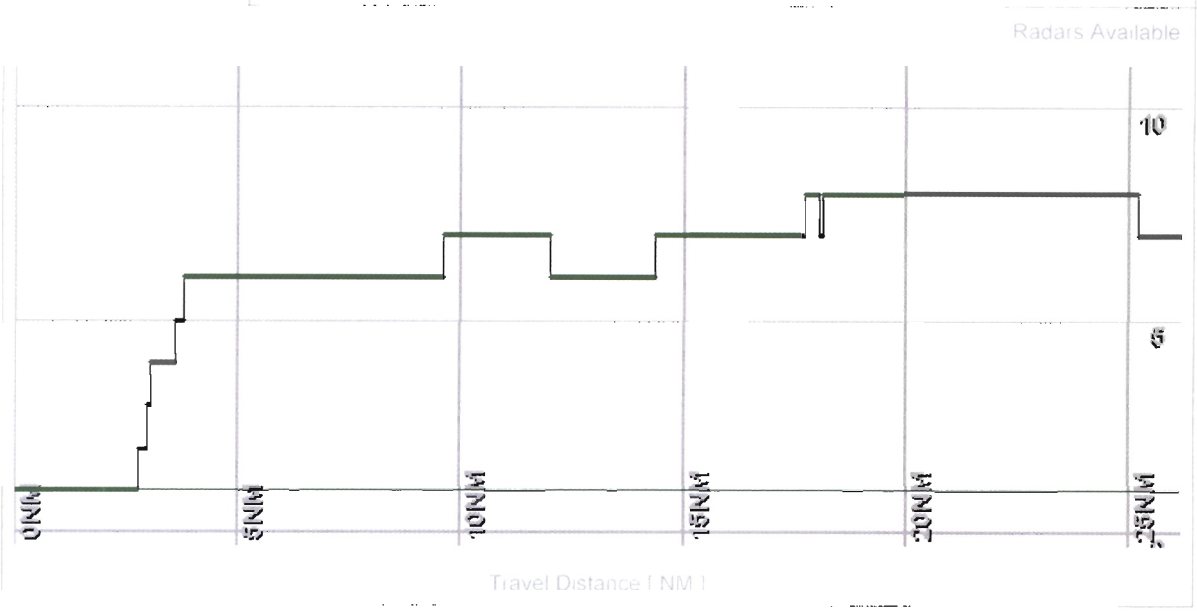
#	Start Location	End Location	Length [NM]
1	N 38° 56' 41.88" W 77° 28' 29.32"	N 38° 56' 24.42" W 77° 35' 41.90"	9.7

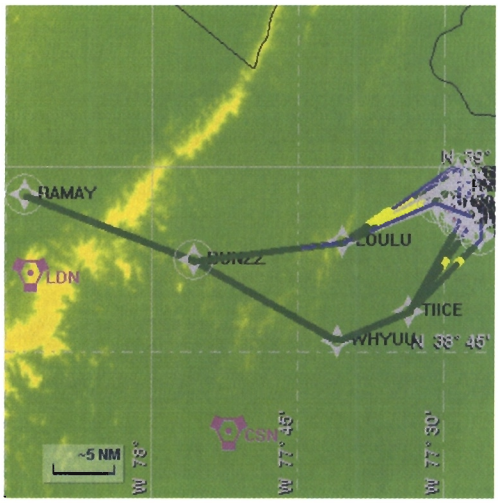
VOR: ADW	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: AML	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: BRV	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: CSN	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: DCA	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: FDK	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: LDN	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: MRB	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.42" W 77° 35' 41.90"
VOR: OTT	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 58' 46.89" W 77° 31' 21.46"
VOR: EMI	Available from N 38° 57' 3.43" W 77° 28' 29.01" to N 38° 58' 46.89" W 77° 31' 21.46"
VOR: BAL	Available from N 38° 57' 46.76" W 77° 28' 28.38" to N 38° 59' 52.76" W 77° 29' 16.16"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:54:27 AM
Input File:	KIAD BUNZZ1RW01R BUN...
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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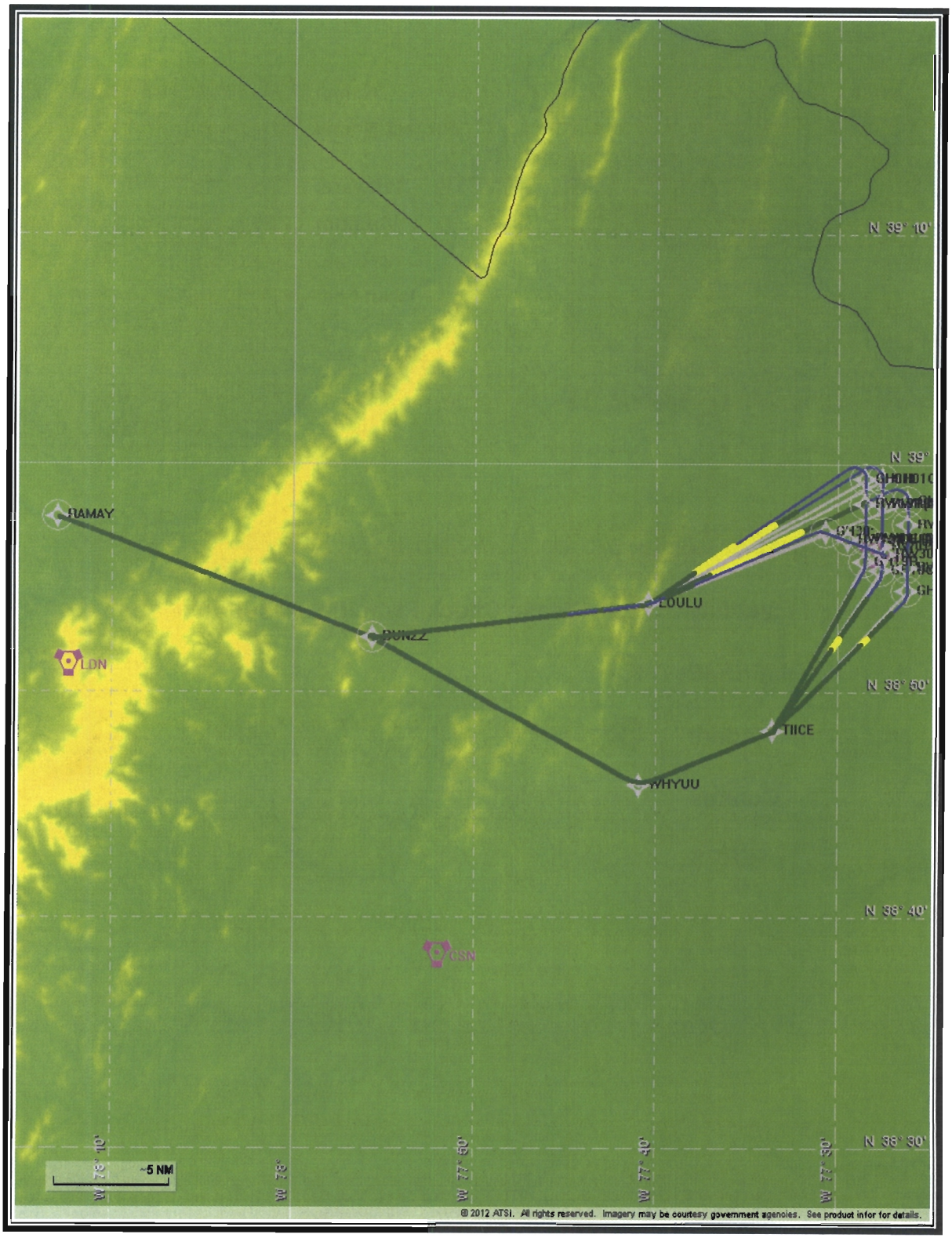
N 39° 10'
N 39°
HAMAY
EDULU
BUNZZ
LDN
N 38° 50'
TIICE
WHYUU
N 38° 40'
GSN
N 38° 30'
~5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW01R(...	WP	N 38° 55' 25.53" W 77° 26' 11.22"	311.7	VNAV	0.0	Fly Over	TF
RW19L(...	WP	N 38° 57' 19.18" W 77° 26' 9.53"	328.2	VNAV	130.0	Fly Over	VA
GH01R	WP	N 38° 58' 22.46" W 77° 26' 8.58"	820.0	VNAV	145.0	Fly Over	DF
LOULU	WP	N 38° 53' 50.04" W 77° 40' 23.43"	3221.4	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	5617.4	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 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 -59.04 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:

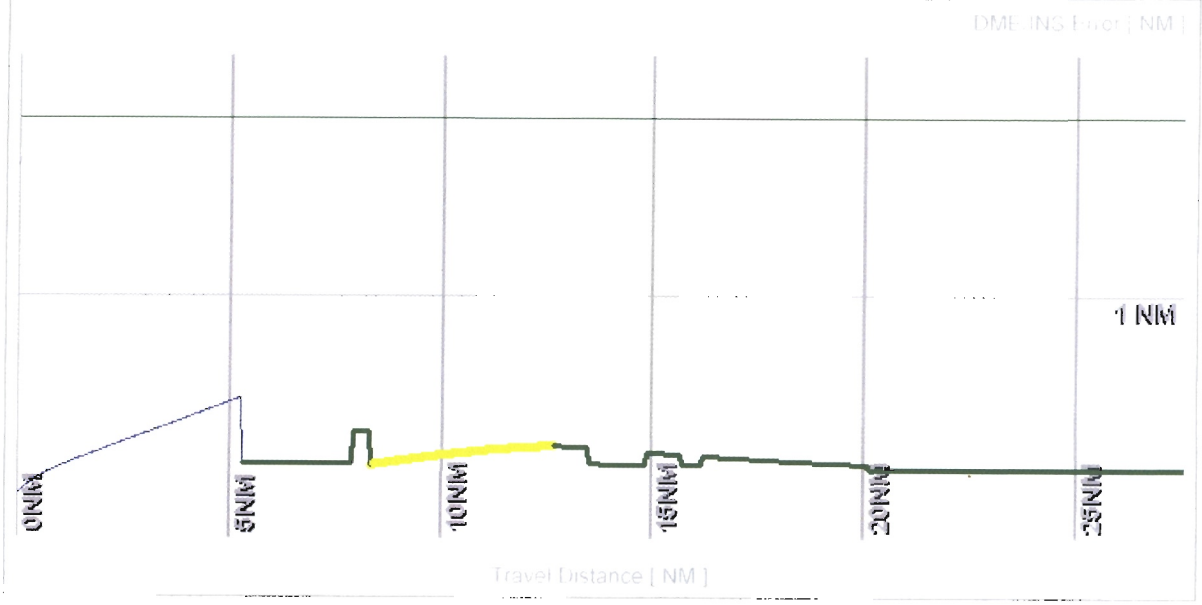
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 3221 Ft.

Total Number of DMEs Used: 6

Maximum DME Error: 0.581 NM.

No Critical DMEs were found.

Available DMEs: CSN, DCA, LDN, AML, ADW, MRB



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	1.381	Enabled	61.1 %	65.4 %
2	DCA	N 38° 51' 34.03" W 77° 2' 11.17"	L	Database	NO	0.605	Enabled	11.4 %	9.4 %
3	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	0.668	Enabled	34.2 %	45.1 %
4	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.581	Enabled	21.6 %	19.6 %
5	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.581	Enabled	5.3 %	6.8 %
6	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.581	Enabled	11.3 %	15.5 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.9						
2.9	CSN	DCA	LDN	AML	ADW	
15.1	CSN	MRB	LDN	AML	ADW	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

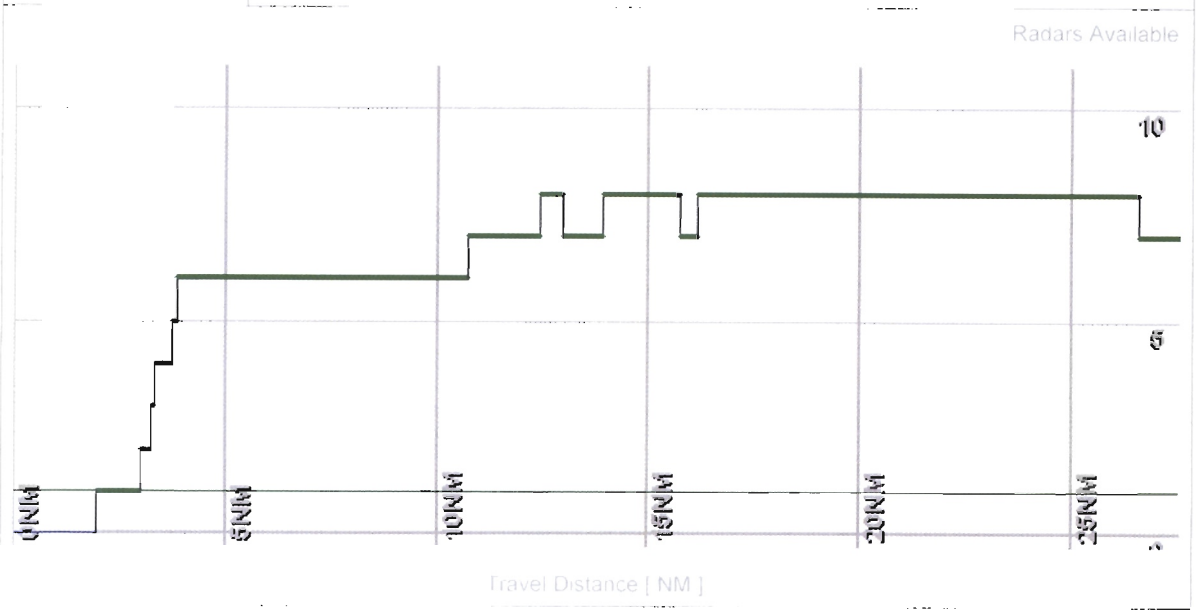
#	Start Location	End Location	Length [NM]
1	N 38° 55' 25.53" W 77° 26' 11.22"	N 38° 58' 21.29" W 77° 28' 29.57"	5.2

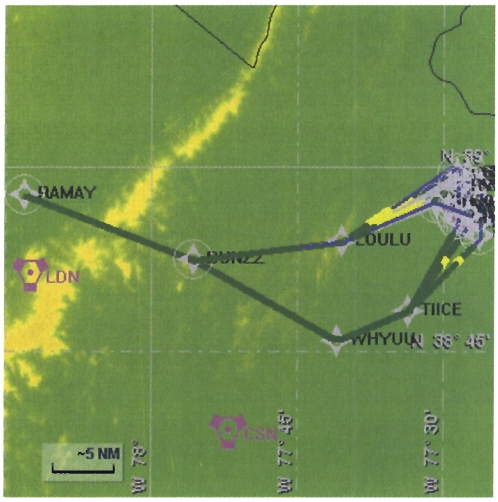
VOR: ADW	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: AML	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: BAL	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: BRV	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: CSN	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: DCA	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: FDK	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: LDN	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: MRB	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: OTT	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.29" W 77° 28' 29.57"
VOR: EMI	Available from N 38° 55' 50.63" W 77° 26' 10.85" to N 38° 58' 21.29" W 77° 28' 29.57"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:55:18 AM
Input File:	KIAD BUNZZ1 RW19C BU...
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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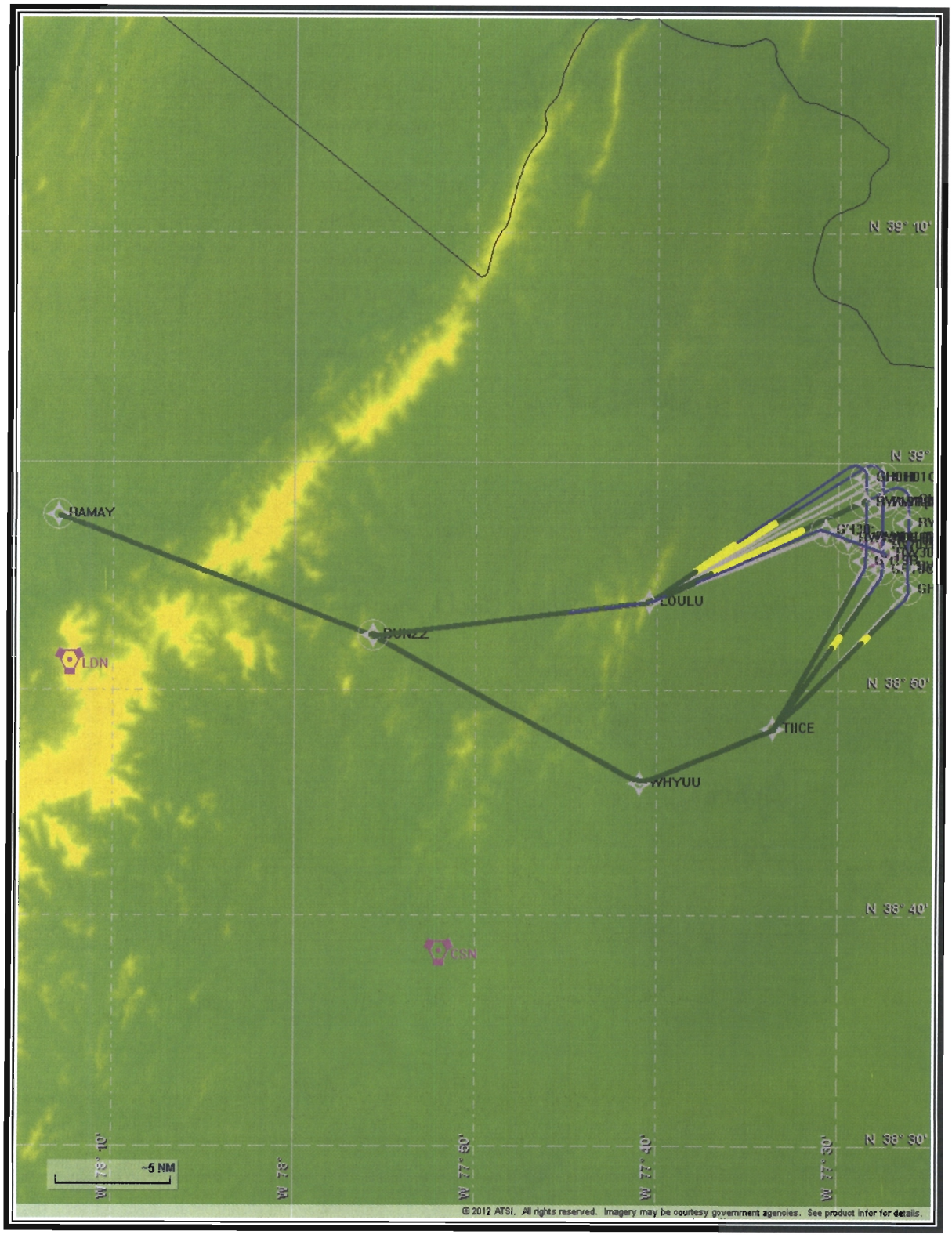
N 39° 10'
N 39°
HAMAY
LOULU
BUNZZ
LDN
TIICE
WHYUU
N 38° 50'
N 38° 40'
GSN
N 38° 30'
77° 10' W
77° W
77° 50' W
77° 40' W
77° 30' W
~5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW19C(...	WP	N 38° 58' 14.30" W 77° 27' 33.57"	268.7	VNAV	0.0	Fly Over	TF
RW01C(...	WP	N 38° 56' 20.64" W 77° 27' 35.21"	321.3	VNAV	130.0	Fly Over	VA
GH19C	WP	N 38° 55' 16.54" W 77° 27' 36.14"	820.0	VNAV	145.0	Fly Over	DF
TIICE	WP	N 38° 48' 13.65" W 77° 33' 34.49"	2509.3	VNAV	180.0	Fly By	TF
WHYUU	WP	N 38° 45' 49.18" W 77° 40' 54.02"	3751.8	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	6397.1	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 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 -32.13 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:

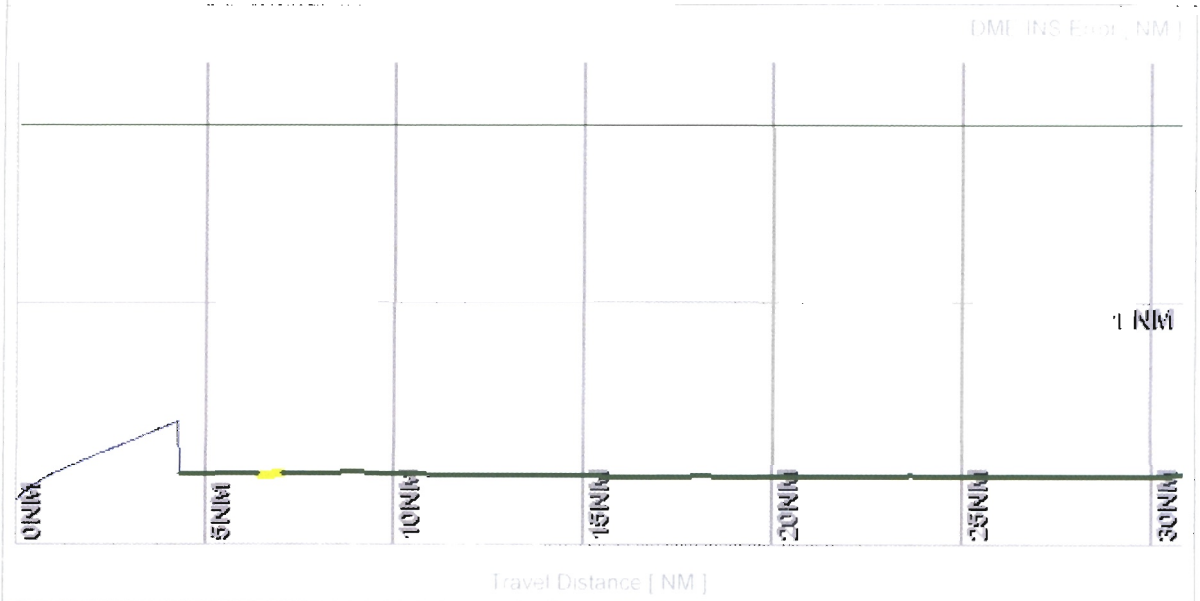
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 2475 Ft.

Total Number of DMEs Used: 7

Maximum DME Error: 0.514 NM.

No Critical DMEs were found.

Available DMEs: ADW, BRV, CSN, AML, LDN, MRB, DCA



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.567	Enabled	17.4 %	14.0 %
2	BRV	N 38° 20' 10.62" W 77° 21' 10.45"	L	Database	NO	0.636	Enabled	57.0 %	59.5 %
3	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.514	Enabled	17.4 %	21.1 %
4	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	0.514	Enabled	39.3 %	42.9 %
5	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	0.514	Enabled	17.4 %	23.3 %
6	DCA	N 38° 51' 34.03" W 77° 2' 11.17"	L	Database	NO	0.514	Enabled	0.0 %	0.0 %
7	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.514	Enabled	8.6 %	11.6 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.9						
2.9	ADW	BRV	CSN	AML		
11.2	LDN	BRV	CSN	AML		
16.8	LDN	BRV	CSN	AML	MRB	DCA

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

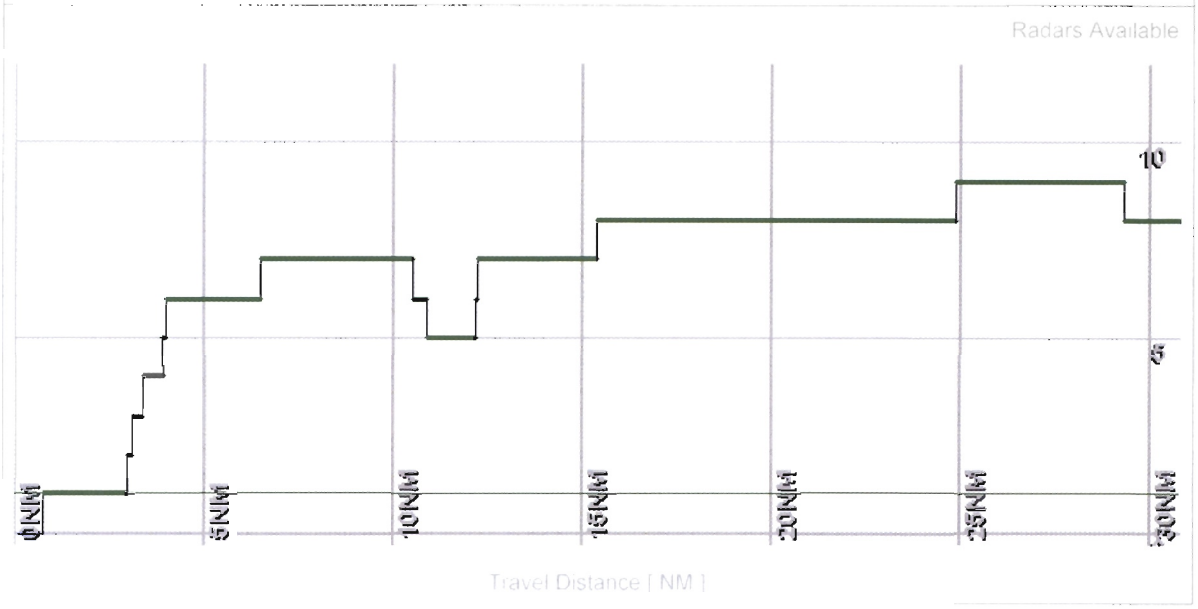
#	Start Location	End Location	Length [NM]
1	N 38° 58' 14.30" W 77° 27' 33.57"	N 38° 54' 9.52" W 77° 28' 22.28"	4.2

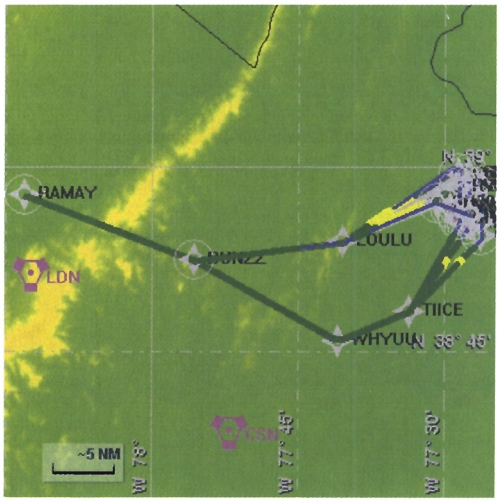
VOR: ADW	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: AML	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: BAL	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 55' 53.30" W 77° 27' 35.60"
VOR: BRV	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: CSN	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: DCA	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: EMI	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 56' 33.33" W 77° 27' 35.03"
VOR: FDK	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: LDN	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: MRB	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"
VOR: OTT	Available from N 38° 58' 14.30" W 77° 27' 33.57" to N 38° 54' 9.52" W 77° 28' 22.28"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:56:27 AM
Input File:	KIAD BUNZZ1RW19L BUN...
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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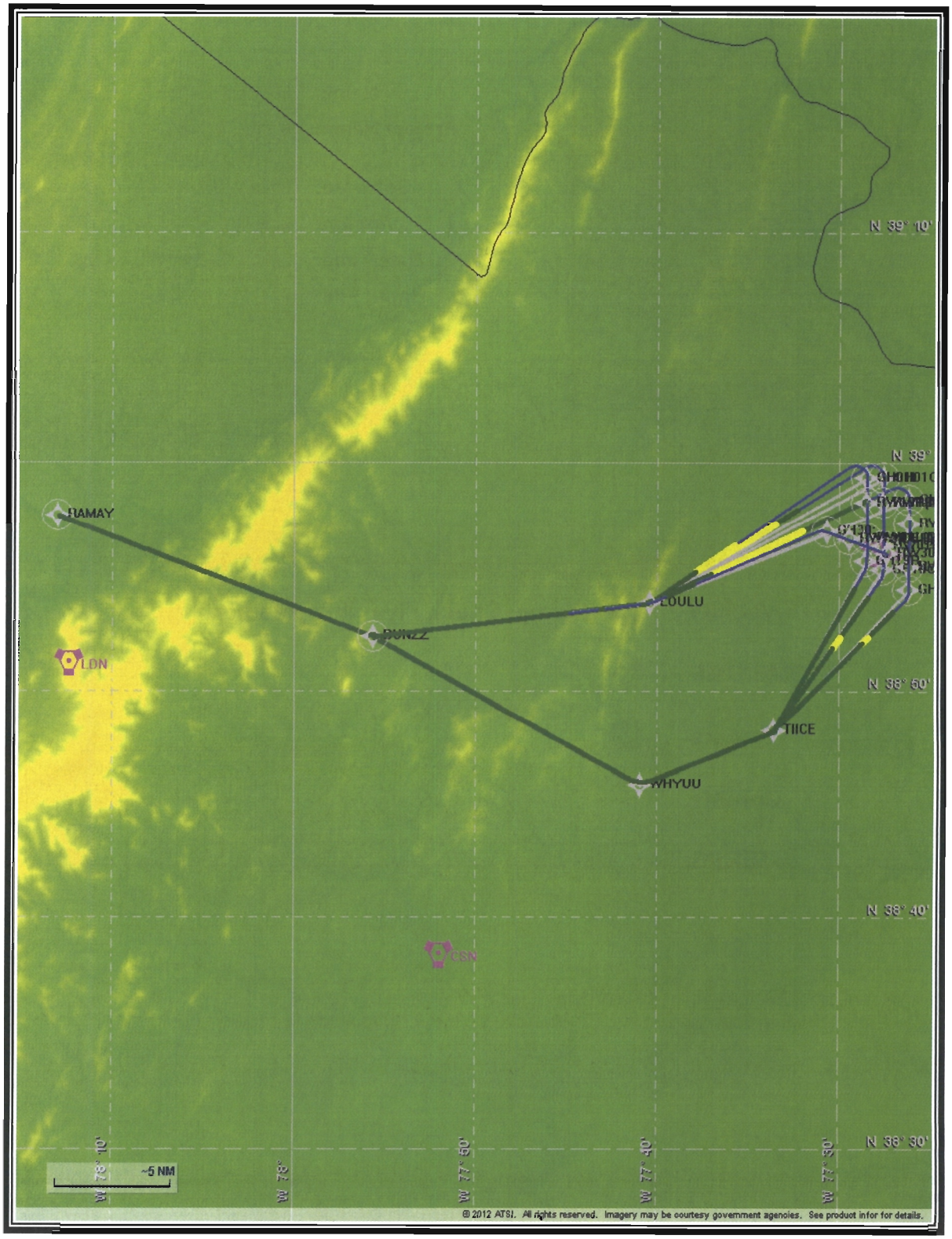
N 39° 10'
N 39°
RAMAY
LOULU
BUNZZ
LDN
TIICE
WHYUU
N 38° 50'
N 38° 40'
CSN
N 38° 30'
~5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW19L(...	WP	N 38° 57' 19.19" W 77° 26' 9.53"	293.2	VNAV	0.0	Fly Over	TF
RW01R(...	WP	N 38° 55' 25.53" W 77° 26' 11.22"	346.7	VNAV	130.0	Fly Over	VA
GH19L	WP	N 38° 54' 24.48" W 77° 26' 12.14"	820.0	VNAV	145.0	Fly Over	DF
TIICE	WP	N 38° 48' 13.65" W 77° 33' 34.49"	2508.7	VNAV	180.0	Fly By	TF
WHYUU	WP	N 38° 45' 49.18" W 77° 40' 54.02"	3751.2	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	6396.4	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 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 -44.27 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:

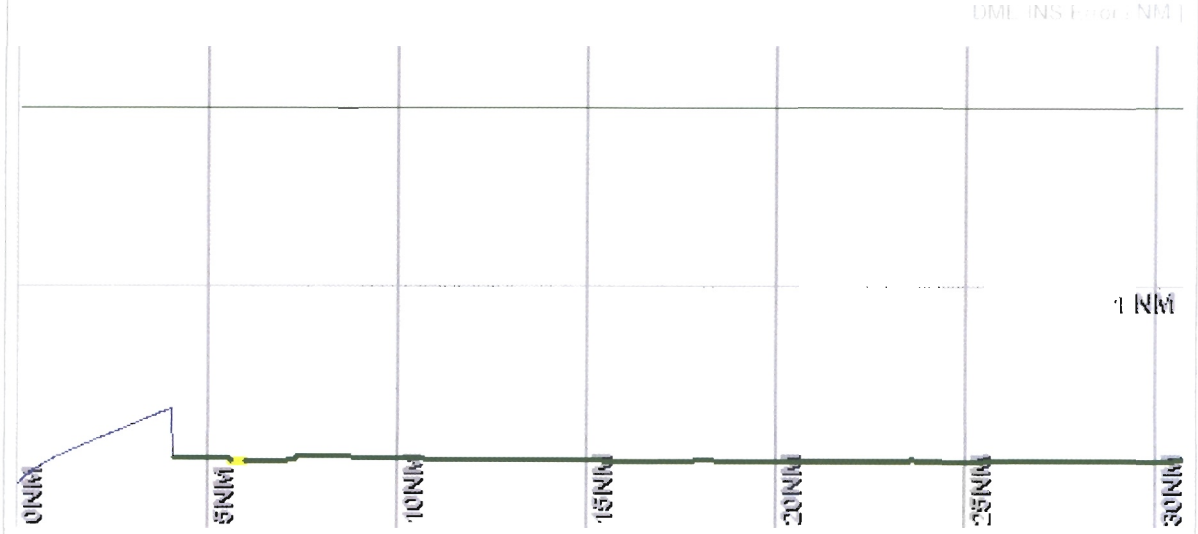
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 2335 Ft.

Total Number of DMEs Used: 7

Maximum DME Error: 0.501 NM.

No Critical DMEs were found.

Available DMEs: ADW, BRV, CSN, AML, LDN, MRB, DCA



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.567	Enabled	13.3 %	10.6 %
2	BRV	N 38° 20' 10.62" W 77° 21' 10.45"	L	Database	NO	0.698	Enabled	54.9 %	57.8 %
3	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.501	Enabled	20.3 %	23.4 %
4	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	0.561	Enabled	44.2 %	46.9 %
5	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	0.501	Enabled	17.5 %	23.3 %
6	DCA	N 38° 51' 34.03" W 77° 2' 11.17"	L	Database	NO	0.501	Enabled	0.0 %	0.0 %
7	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.501	Enabled	8.7 %	11.6 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.9						
2.9	ADW	BRV	CSN	AML		
11.2	LDN	BRV	CSN	AML		
16.8	LDN	BRV	CSN	AML	MRB	DCA

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

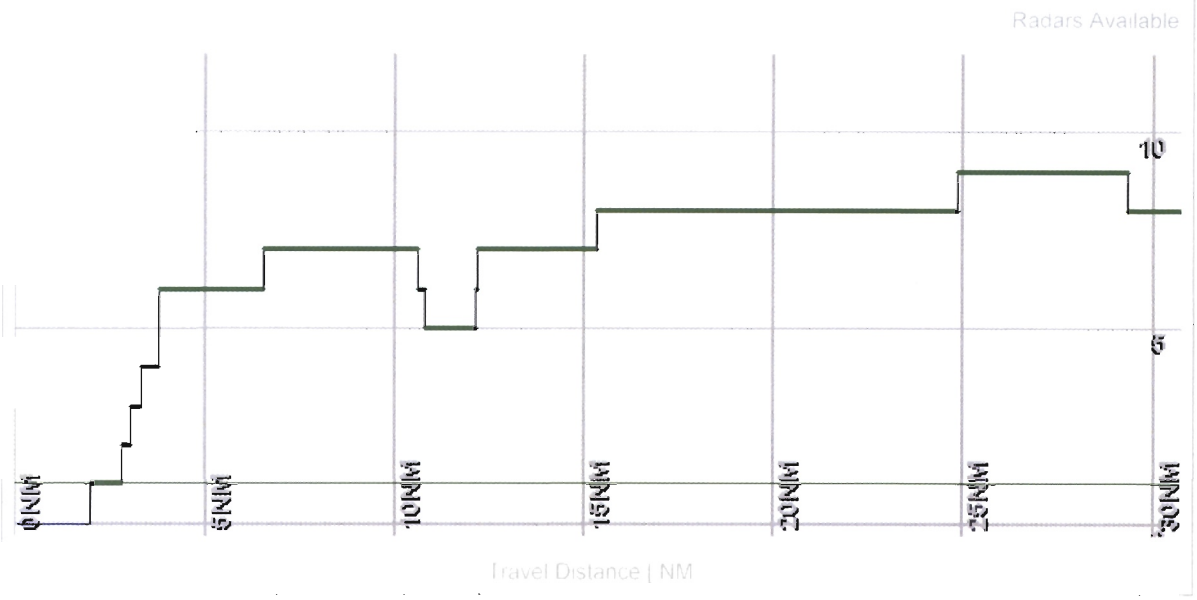
#	Start Location	End Location	Length [NM]
1	N 38° 57' 19.19" W 77° 26' 9.53"	N 38° 53' 29.74" W 77° 26' 59.96"	4.0

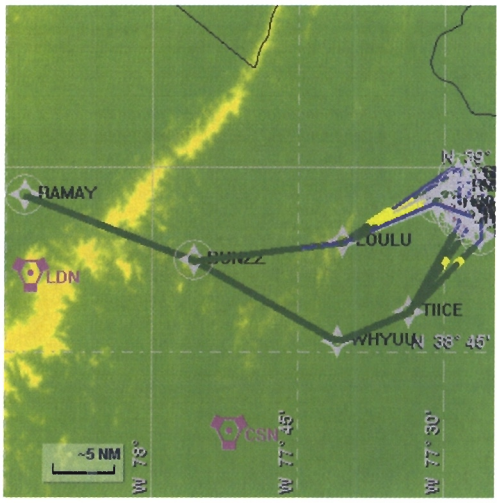
VOR: ADW	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: AML	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: BAL	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 54.11" W 77° 26' 29.57"
VOR: BRV	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: CSN	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: DCA	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: EMI	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 55' 52.12" W 77° 26' 10.83"
VOR: FDK	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: LDN	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: MRB	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"
VOR: OTT	Available from N 38° 57' 19.19" W 77° 26' 9.53" to N 38° 53' 29.74" W 77° 26' 59.96"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:57:17 AM
Input File:	KIAD BUNZZ1RW19R BUN...
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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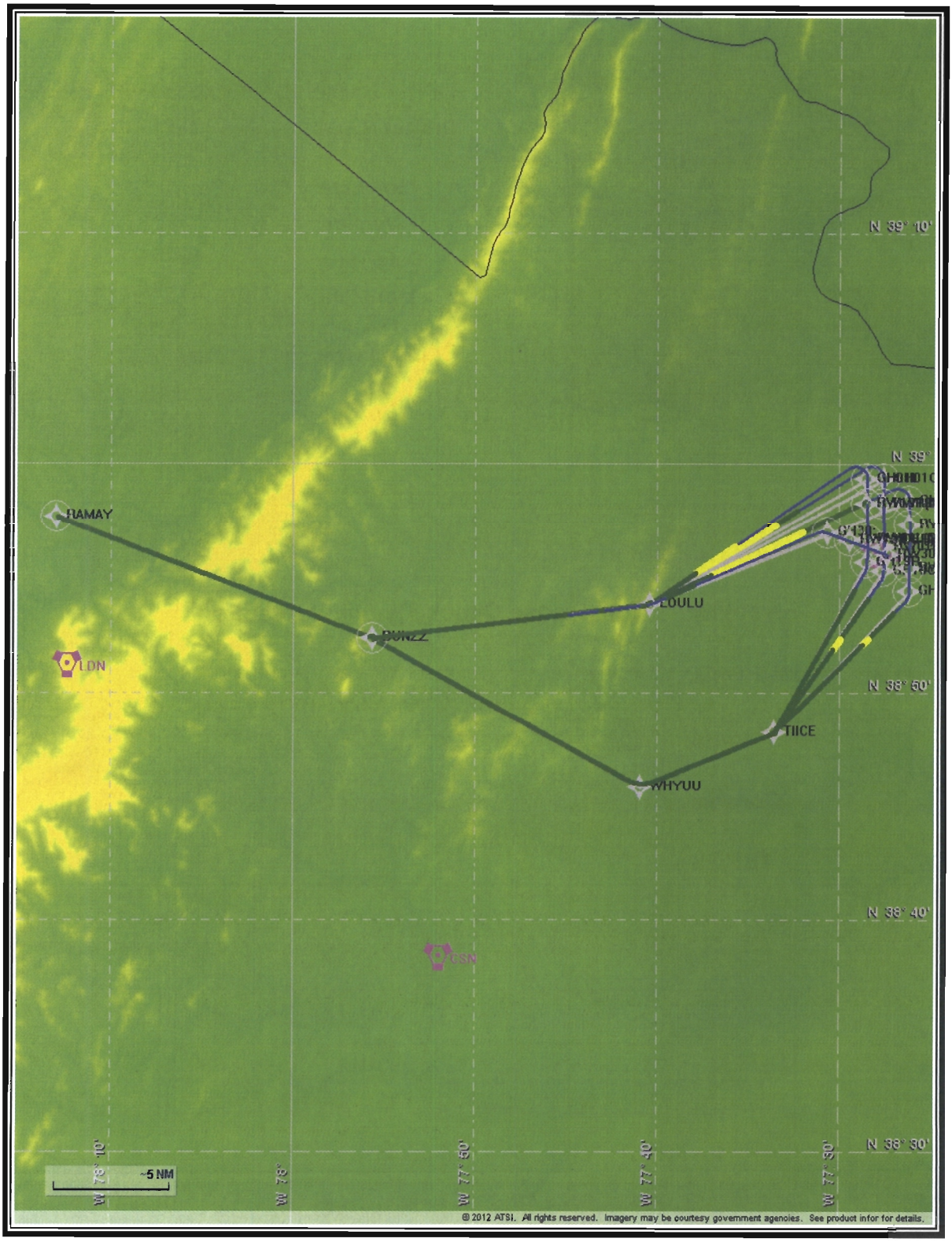
N 39° 10'
N 39°
RAMAY
LOULU
BUNZZ
LDN
N 38° 50'
TIICE
WHYUU
N 38° 40'
CSN
N 38° 30'
W 77° 10'
W 77°
W 76° 50'
W 76° 40'
W 76° 30'
5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW19R(...	WP	N 38° 58' 14.78" W 77° 28' 27.98"	276.9	VNAV	0.0	Fly Over	TF
RW01L(...	WP	N 38° 56' 41.88" W 77° 28' 29.32"	331.0	VNAV	130.0	Fly Over	VA
GH19R	WP	N 38° 55' 38.94" W 77° 28' 30.22"	820.0	VNAV	145.0	Fly Over	DF
TIICE	WP	N 38° 48' 13.65" W 77° 33' 34.49"	2501.2	VNAV	180.0	Fly By	TF
WHYUU	WP	N 38° 45' 49.18" W 77° 40' 54.02"	3743.7	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	6388.9	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 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 -15.10 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:

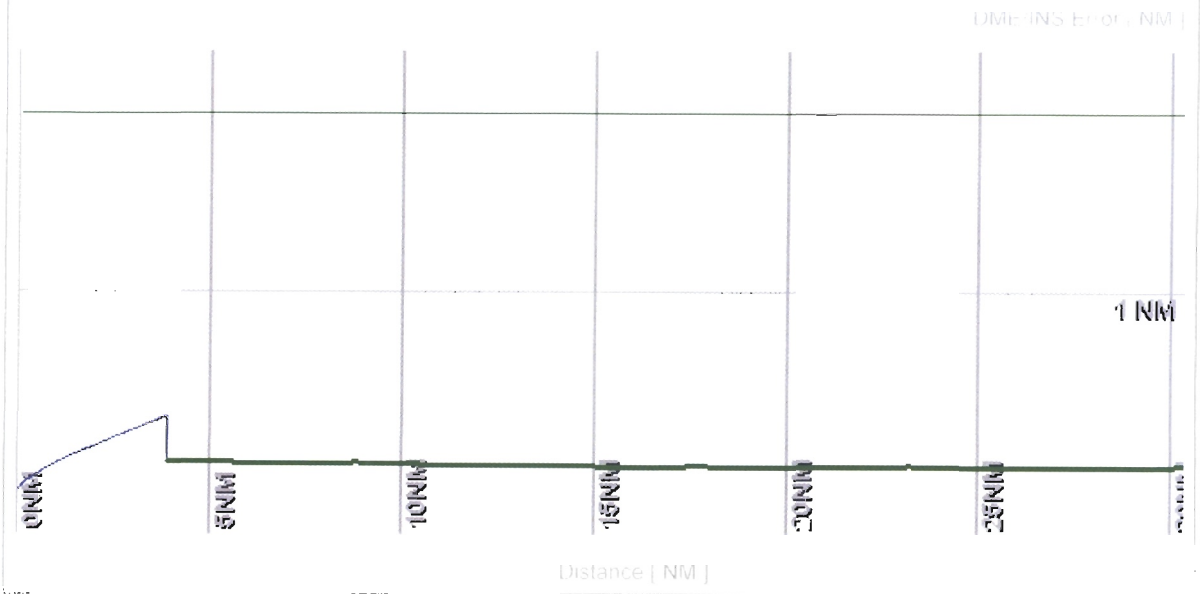
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 2444 Ft.

Total Number of DMEs Used: 7

Maximum DME Error: 0.487 NM.

No Critical DMEs were found.

Available DMEs: ADW, BRV, CSN, AML, LDN, MRB, DCA



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	0.541	Enabled	19.9 %	15.9 %
2	BRV	N 38° 20' 10.62" W 77° 21' 10.45"	L	Database	NO	0.610	Enabled	62.2 %	63.7 %
3	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	0.487	Enabled	37.8 %	41.7 %
4	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.487	Enabled	13.5 %	18.0 %
5	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	0.487	Enabled	17.7 %	23.6 %
6	DCA	N 38° 51' 34.03" W 77° 2' 11.17"	L	Database	NO	0.487	Enabled	0.0 %	0.0 %
7	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.487	Enabled	8.8 %	11.7 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.5						
2.6	ADW	BRV	CSN	AML		
10.7	LDN	BRV	CSN	AML		
16.4	LDN	BRV	CSN	AML	MRB	DCA

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

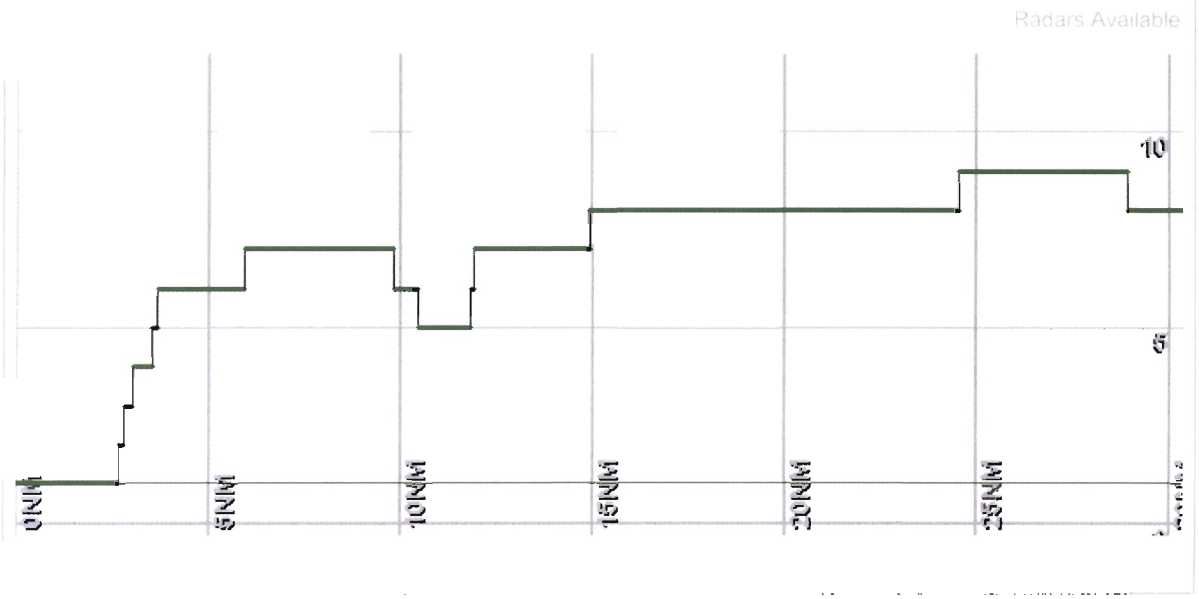
#	Start Location	End Location	Length [NM]
1	N 38° 58' 14.78" W 77° 28' 27.98"	N 38° 54' 30.88" W 77° 29' 8.86"	3.8

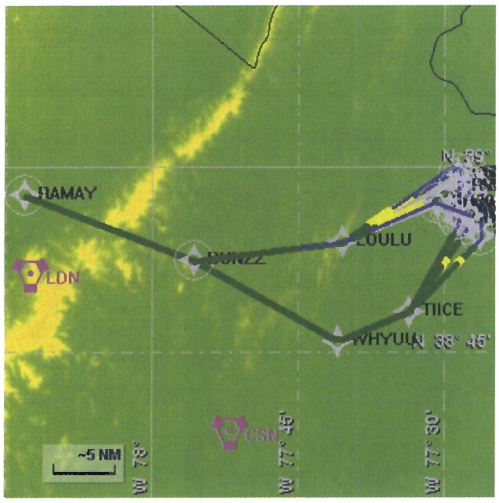
VOR: ADW	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: AML	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: BAL	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 57' 47.22" W 77° 28' 28.38"
VOR: BRV	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: CSN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: DCA	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: EMI	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 57' 2.82" W 77° 28' 29.02"
VOR: FDK	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: LDN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: MRB	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"
VOR: OTT	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.86"

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR





Name:	DAVE COOK
Project Name:	KIAD BUNZZ1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 11:58:34 AM
Input File:	KIAD BUNZZ1 RW30 BUN...
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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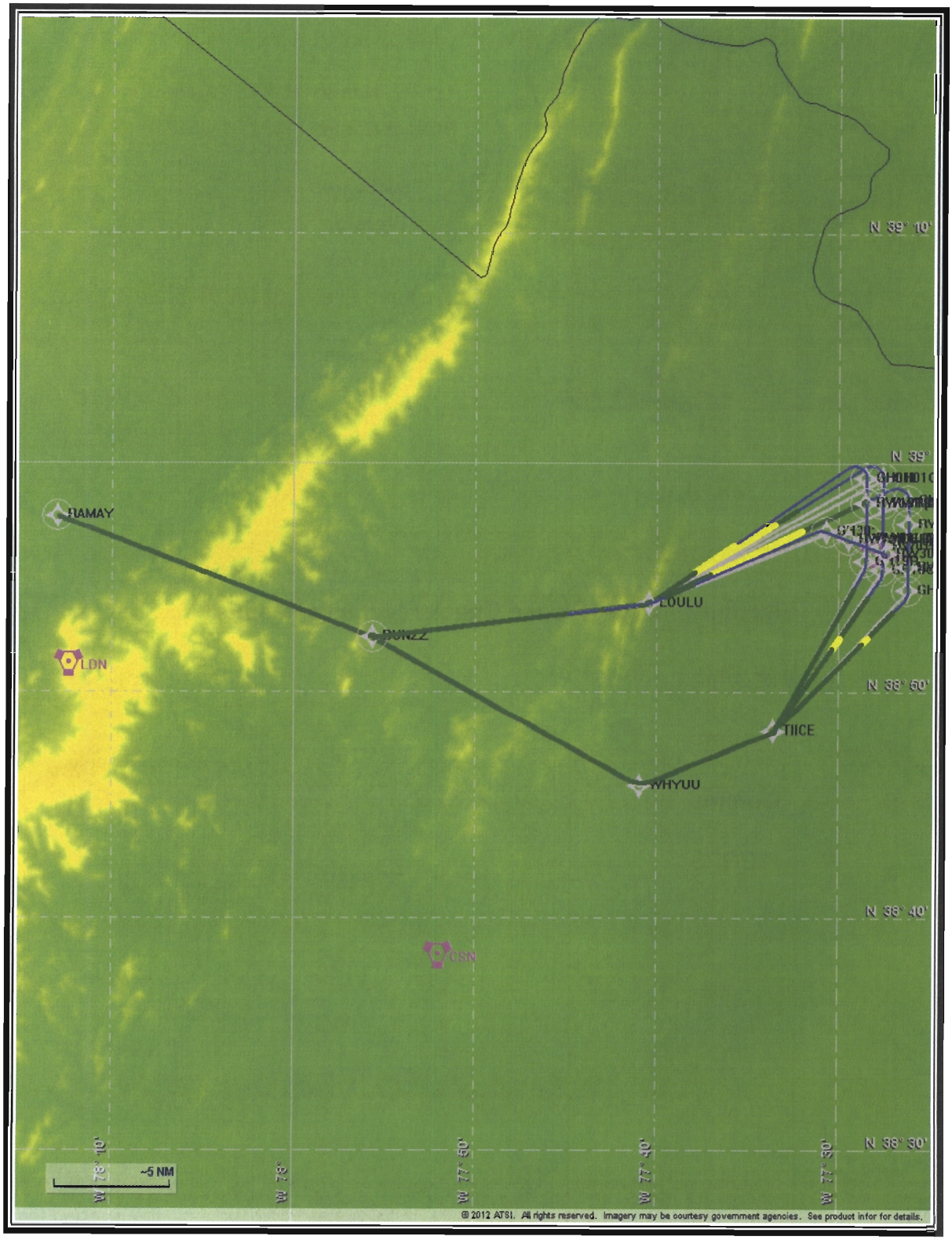
N 39° 10'
N 39°
RAMAY
LOULU
BUNZZ
LDN
TIICE
WHYUU
N 38° 50'
N 38° 40'
CSN
N 38° 30'
W 78° 10'
W 78°
W 77° 50'
W 77° 40'
W 77° 30'
~5 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW30(A...	WP	N 38° 56' 1.00" W 77° 27' 21.23"	287.8	VNAV	0.0	Fly Over	TF
RW12(D...	WP	N 38° 56' 37.58" W 77° 29' 25.60"	344.8	VNAV	130.0	Fly Over	VA
GH30:	WP	N 38° 56' 59.17" W 77° 30' 39.05"	820.0	VNAV	145.0	Fly Over	DF
LOULU	WP	N 38° 53' 50.04" W 77° 40' 23.43"	2465.5	VNAV	180.0	Fly By	TF
BUNZZ	WP	N 38° 52' 21.37" W 77° 55' 36.98"	4861.5	VNAV	180.0	Fly Over	TF

Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL

Flyability

Return To Summary

Settings:

Flight Type: Departure
Selected Airport: KIAD
Aircraft Category: Cat D
Climb Gradient: 500.0 Ft/NM up to 820.0 Ft MSL
Ground Speeds:
Departure: **120.0 Kts** out to **10.0 NM**
Table:
200.0 Kts up to **11000.0 Ft.**
240.0 Kts up to **18000.0 Ft.**
260.0 Kts up to **24000.0 Ft.**
340.0 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 -20.60 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:

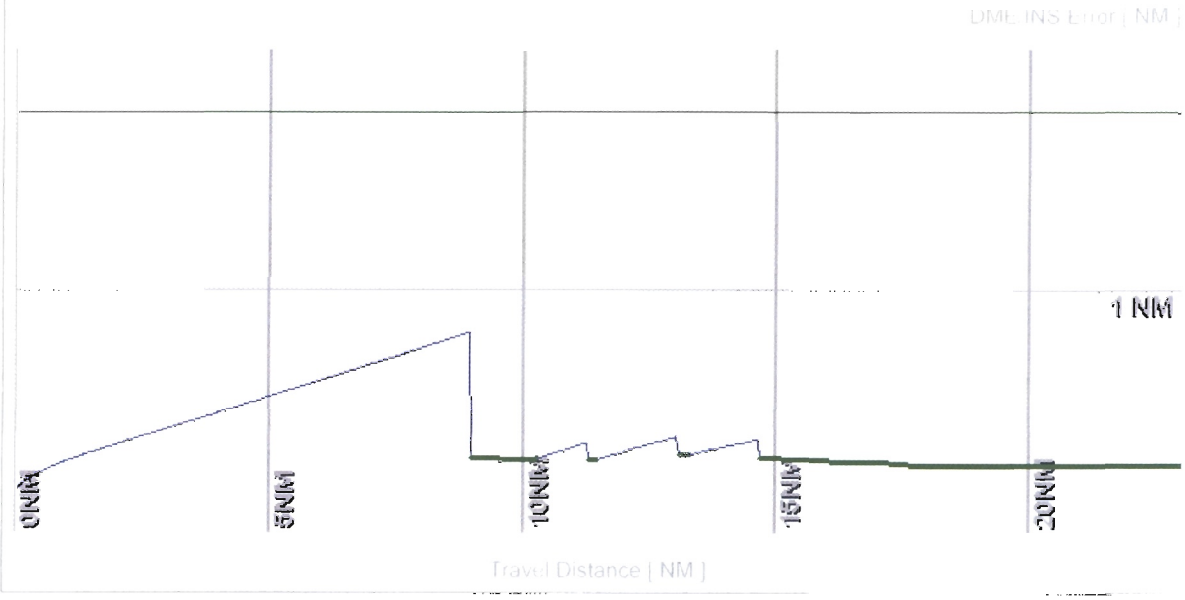
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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
Minimum MSL DMEs Avail: 2466 Ft.

Total Number of DMEs Used: 5

Maximum DME Error: 0.827 NM.

No Critical DMEs were found.

Available DMEs: AML, CSN, ADW, LDN, MRB



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ADW	N 38° 48' 25.96" W 76° 51' 58.50"	L	Database	NO	1.087	Enabled	7.5 %	6.5 %
2	CSN	N 38° 38' 28.29" W 77° 51' 55.79"	H	Database	NO	1.276	Enabled	26.8 %	34.1 %
3	LDN	N 38° 51' 15.81" W 78° 12' 20.00"	L	Database	NO	0.827	Enabled	22.7 %	32.7 %
4	MRB	N 39° 23' 8.06" W 77° 50' 54.08"	L	Database	NO	0.827	Enabled	6.7 %	9.7 %
5	AML	N 38° 56' 4.55" W 77° 28' 0.10"	L	Database	NO	0.827	Enabled	3.2 %	4.6 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
1.7						
2.7	AML	CSN	ADW			
10.8	AML	CSN	ADW	LDN	MRB	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 38° 56' 1.00" W 77° 27' 21.23"	N 38° 54' 40.70" W 77° 37' 57.27"	8.9

VOR: ADW	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: AML	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: BAL	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 56' 7.02" W 77° 27' 41.69"
VOR: BRV	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: CSN	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: DCA	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: FDK	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: LDN	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: MRB	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.70" W 77° 37' 57.27"
VOR: OTT	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 56' 33.33" W 77° 32' 31.52"

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
2	N 38° 54' 8.22" W 77° 39' 31.02"	N 38° 53' 48.36" W 77° 40' 40.44"	1.0
	VOR: ADW	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: AML	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: BRV	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: CSN	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: DCA	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: FDK	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: LDN	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
	VOR: MRB	Available from N 38° 54' 8.22" W 77° 39' 31.02" to N 38° 53' 48.36" W 77° 40' 40.44"	
3	N 38° 53' 46.57" W 77° 40' 58.22"	N 38° 53' 35.18" W 77° 42' 56.89"	1.6
	VOR: ADW	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 36.47" W 77° 42' 43.48"	
	VOR: AML	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: BRV	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: CSN	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: DCA	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: FDK	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: LDN	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	
	VOR: MRB	Available from N 38° 53' 46.57" W 77° 40' 58.22" to N 38° 53' 35.18" W 77° 42' 56.89"	

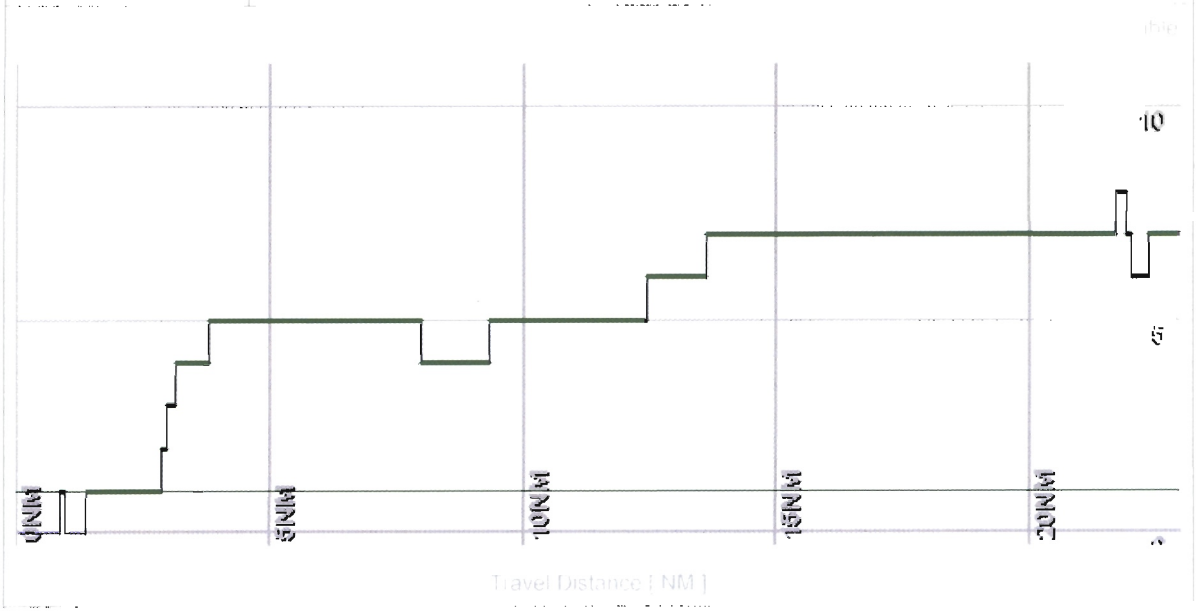
DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
4	N 38° 53' 33.17" W 77° 43' 17.77"	N 38° 53' 23.42" W 77° 44' 59.03"	1.3
	VOR: AML	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: BRV	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: CSN	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: DCA	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: FDK	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: LDN	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	
	VOR: MRB	Available from N 38° 53' 33.17" W 77° 43' 17.77" to N 38° 53' 23.42" W 77° 44' 59.03"	

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR