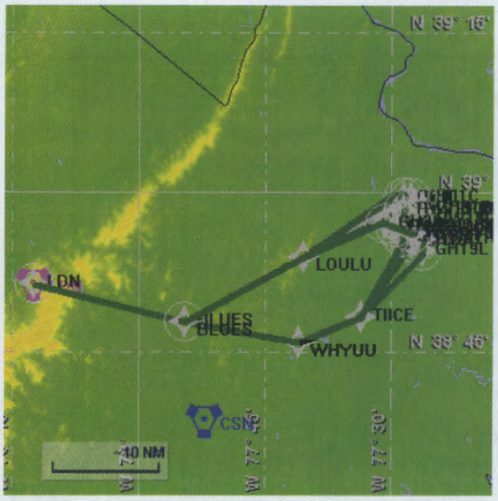

Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD RNLDI1 SID RW01C LDN 20120605_0607
Procedure Name:	RNLDI1
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:07:33 AM
Input File:	KIAD RNLDI1 SID RW01C LDN 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5617.6	VNAV	180.0	Fly By	TF
LDN	WP	N 38° 51' 15.81" W 78° 12' 20.00"	8499.2	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

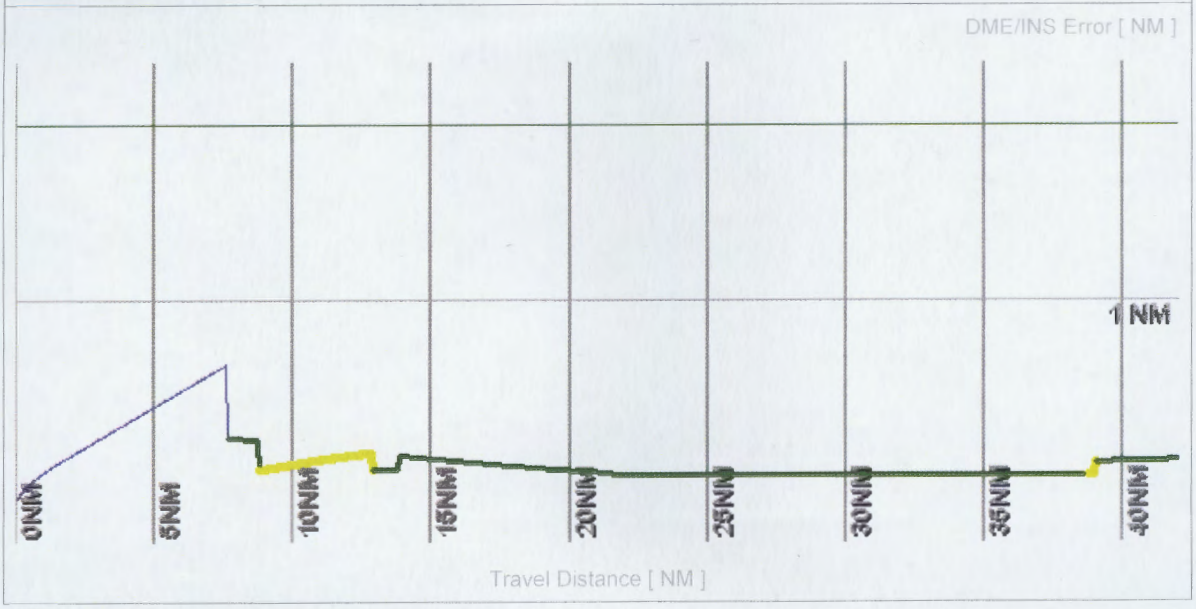
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: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



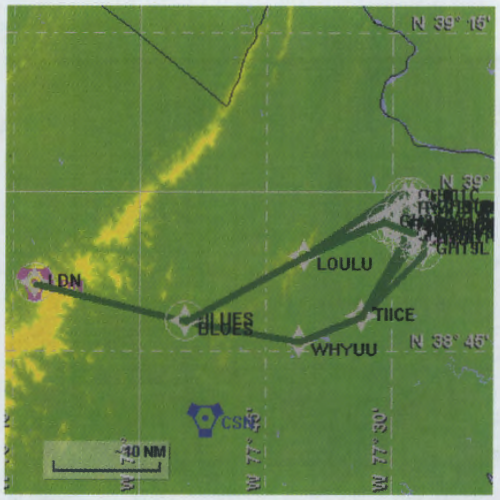
DME/DME (Continued.)

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' 57.23" W 77° 32' 15.57"	7.6

VOR: ADW	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: AML	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: BAL	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 59' 31.85" W 77° 29' 8.24"
VOR: BRV	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: CSN	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: DCA	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: FDK	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: LDN	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: MRB	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 57' 57.23" W 77° 32' 15.57"
VOR: OTT	Available from N 38° 56' 20.64" W 77° 27' 35.21" to N 38° 58' 15.73" W 77° 31' 38.98"
VOR: EMI	Available from N 38° 56' 33.56" W 77° 27' 35.02" to N 38° 58' 34.22" W 77° 31' 2.38"



Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW01R BLUES 20120605_0608
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:08:24 AM
Input File:	KIAD RNLDI1 SID RW01R BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5732.1	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

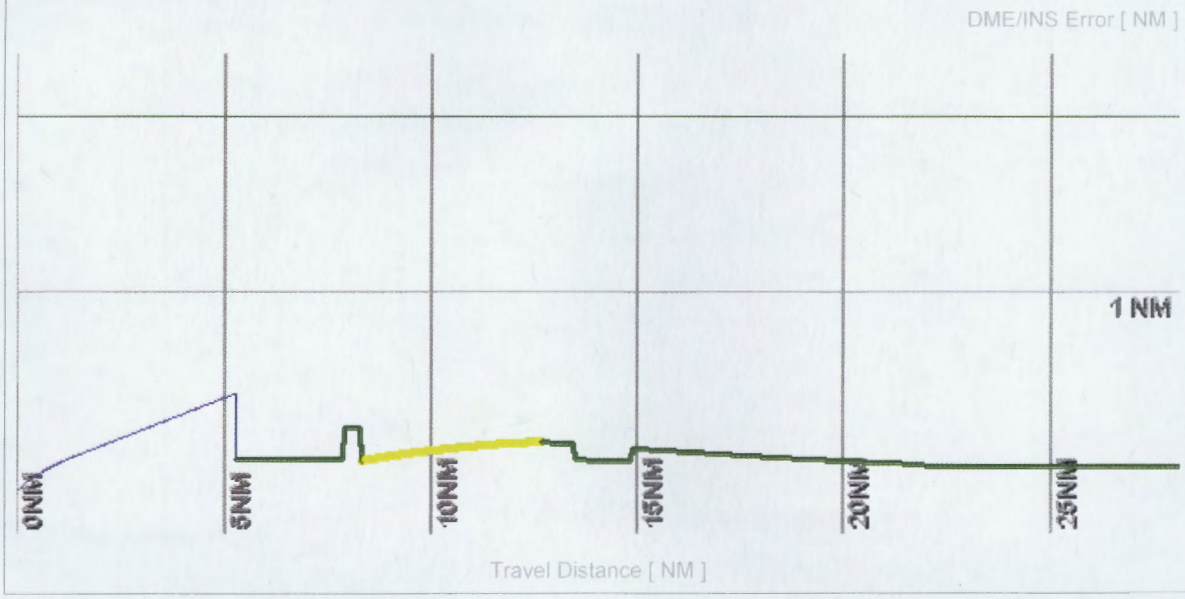
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: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

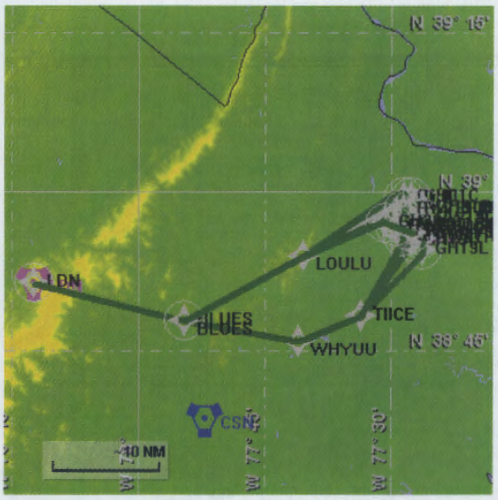


DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 38° 55' 25.53" W 77° 26' 11.22"	N 38° 58' 21.36" W 77° 28' 29.51"	5.2
VOR: ADW	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: AML	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: BAL	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: BRV	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: CSN	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: DCA	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: FDK	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: LDN	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: MRB	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: OTT	Available from N 38° 55' 25.53" W 77° 26' 11.22" to N 38° 58' 21.36" W 77° 28' 29.51"		
VOR: EMI	Available from N 38° 55' 50.63" W 77° 26' 10.85" to N 38° 58' 21.36" W 77° 28' 29.51"		



Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW01L BLUES 20120605_0607
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:07:59 AM
Input File:	KIAD RNLDI1 SID RW01L BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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' 27.03"	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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5493.8	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

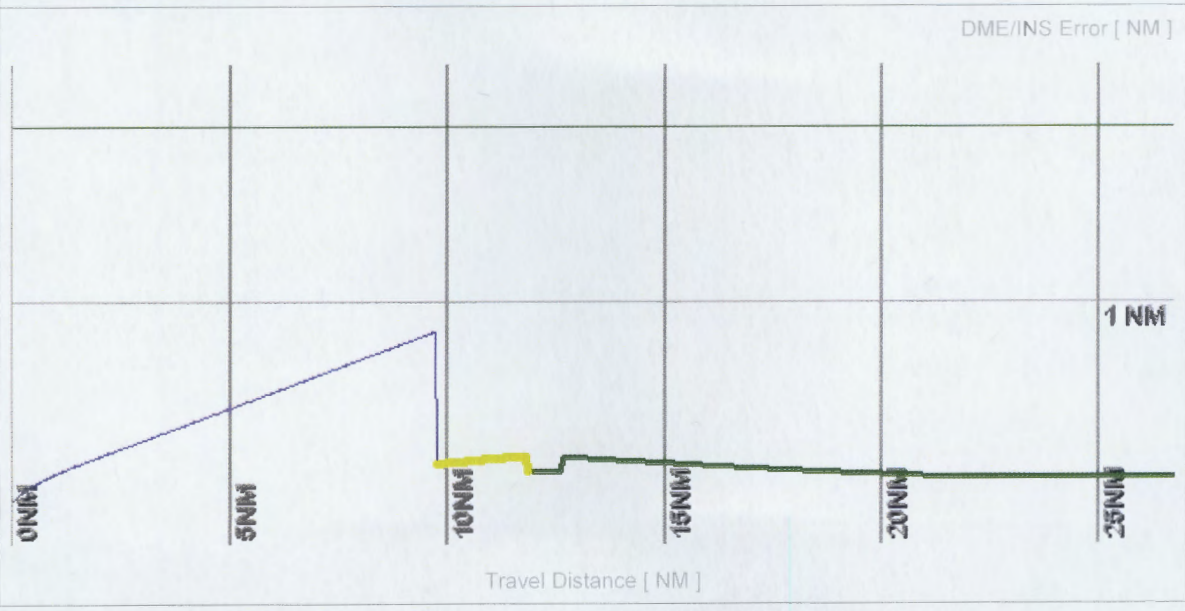
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: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

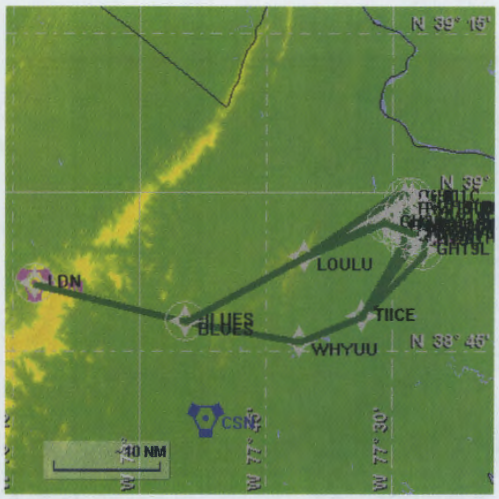


DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 38° 56' 41.88" W 77° 28' 29.32"	N 38° 56' 24.43" W 77° 35' 41.88"	9.7
	VOR: ADW	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: AML	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: BRV	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: CSN	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: DCA	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: FDK	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: LDN	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: MRB	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 56' 24.43" W 77° 35' 41.88"	
	VOR: OTT	Available from N 38° 56' 41.88" W 77° 28' 29.32" to N 38° 58' 46.90" W 77° 31' 21.44"	
	VOR: EMI	Available from N 38° 57' 3.43" W 77° 28' 29.01" to N 38° 58' 46.90" W 77° 31' 21.44"	
	VOR: BAL	Available from N 38° 57' 46.76" W 77° 28' 28.38" to N 38° 59' 52.76" W 77° 29' 16.13"	



Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW19C BLUES 20120605_0608
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:08:48 AM
Input File:	KIAD RNLDI1 SID RW19C BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5906.1	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

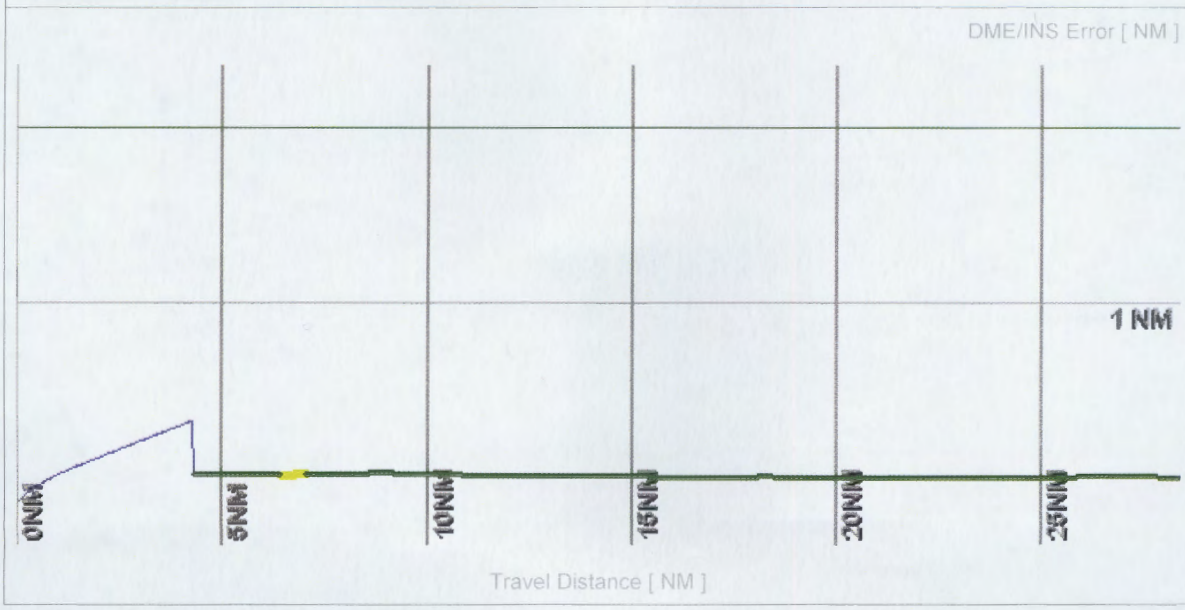
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 6

Maximum DME Error: 0.514 NM.

No Critical DMEs were found.

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



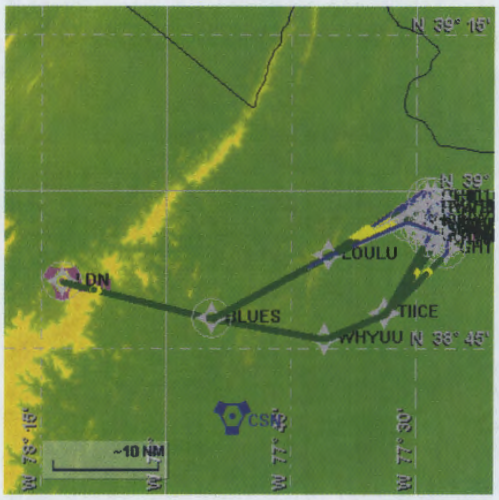
DME/DME (Continued.)

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"



Name:	DAVE COOK
Project Name:	KIAD BLUES1 SID ALL TRANSITIONS 20120201
Software:	RNAV-Pro™
Version:	2.35l
Date/Time:	2/1/2012 2:39:21 PM
Input File:	KIAD BLUES1 SID RW19...
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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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' 30.23"	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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5897.9	VNAV	180.0	Fly Over	TF

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

DME/DME

Return To Summary

Settings:

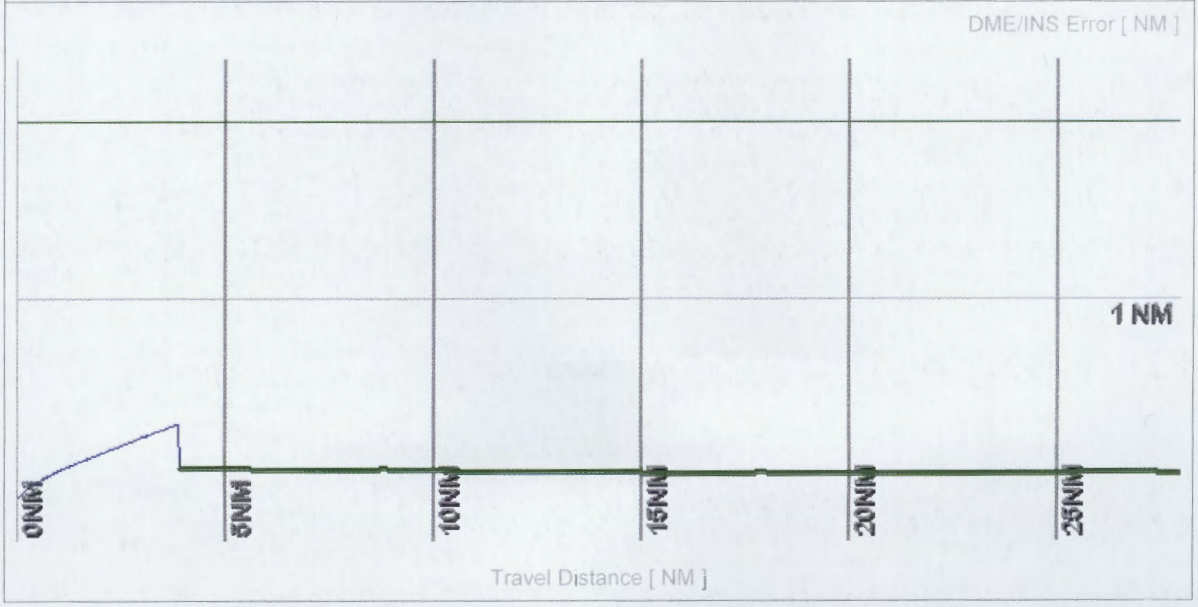
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: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



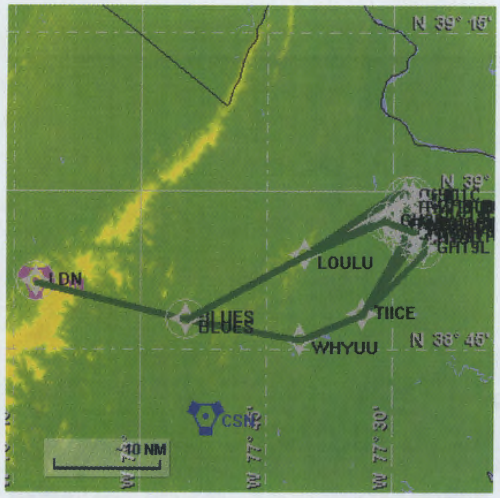
DME/DME (Continued.)

Return To Summary

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' 8.87"	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' 8.87"
VOR: AML	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"
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' 8.87"
VOR: CSN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"
VOR: DCA	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"
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' 8.87"
VOR: LDN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"
VOR: MRB	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"
VOR: OTT	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"



Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW19L BLUES 20120605_0609
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:09:13 AM
Input File:	KIAD RNLDI1 SID RW19L BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5905.4	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

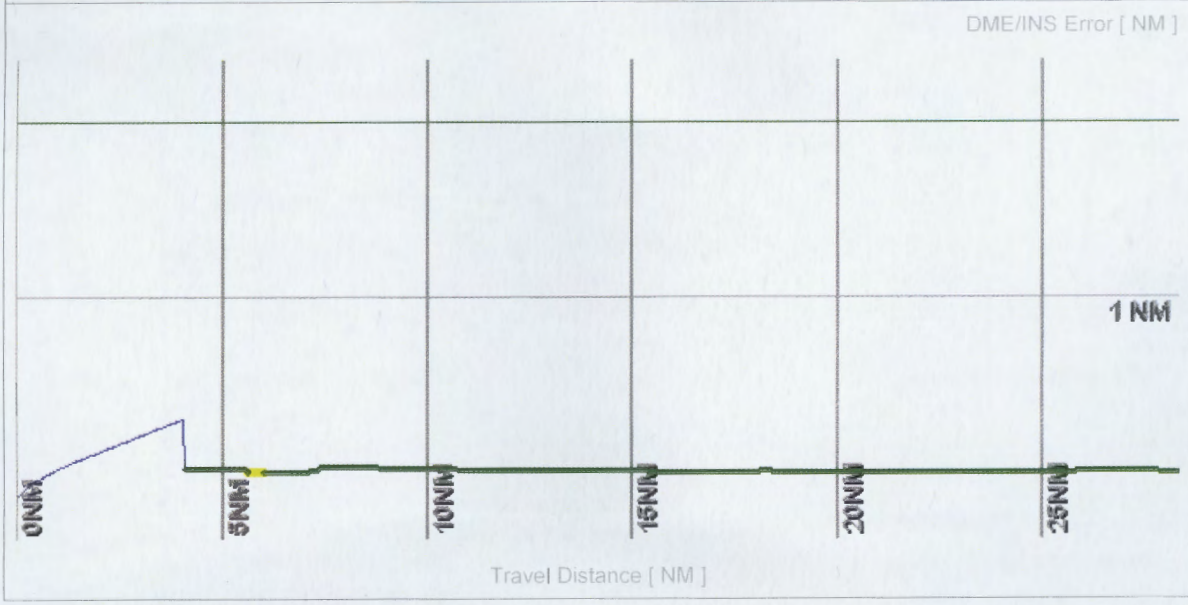
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 6

Maximum DME Error: 0.501 NM.

No Critical DMEs were found.

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

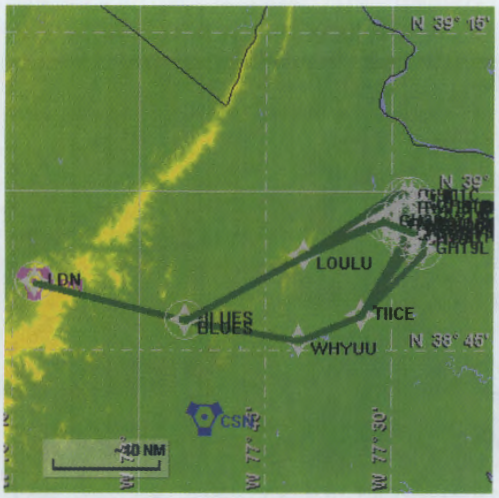


DME/DME (Continued.)

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' 54.12" 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"	



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Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW19R BLUES 20120605_0609
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:09:40 AM
Input File:	KIAD RNLDI1 SID RW19R BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓	**Please Check Flyability Results**
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
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' 30.23"	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
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	5897.9	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

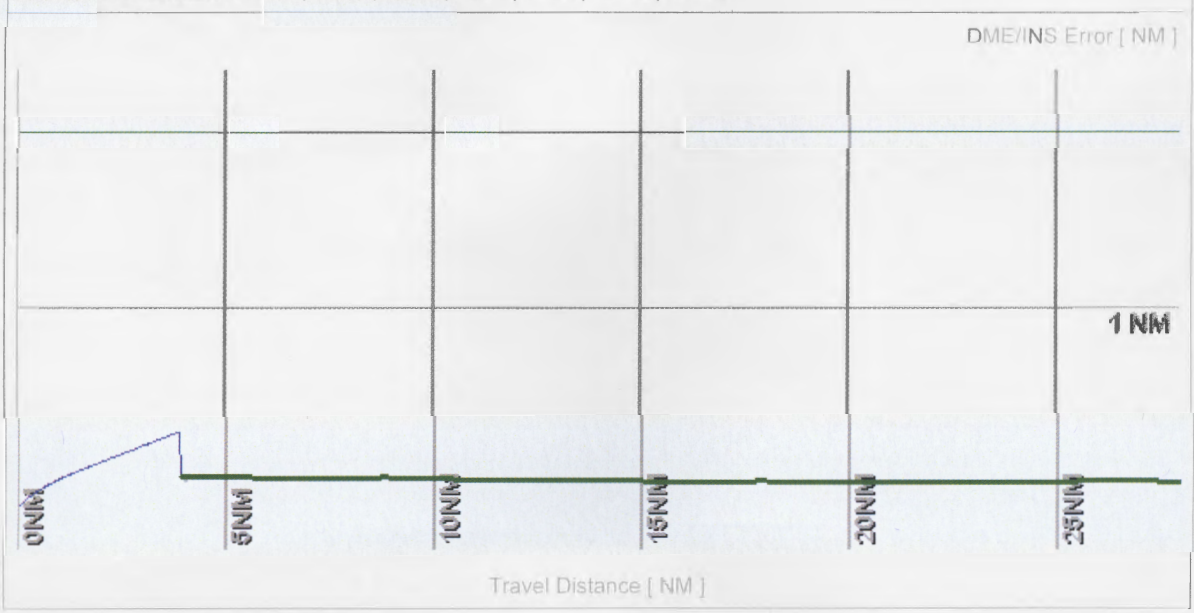
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 6

Maximum DME Error: 0.487 NM.

No Critical DMEs were found.

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

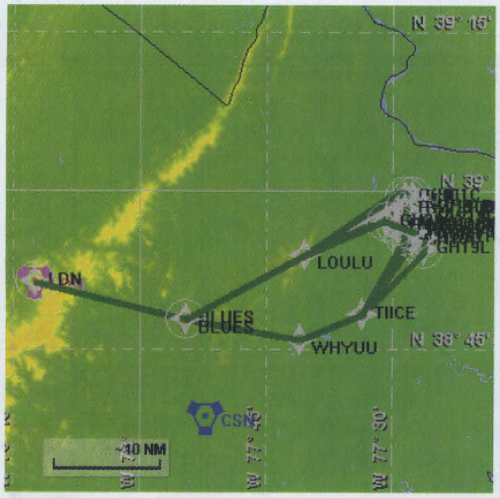


DME/DME (Continued.)

Return To Summary

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' 8.87"	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' 8.87"	
	VOR: AML	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	
	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' 8.87"	
	VOR: CSN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	
	VOR: DCA	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	
	VOR: EMI	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 57' 2.83" 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' 8.87"	
	VOR: LDN	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	
	VOR: MRB	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	
	VOR: OTT	Available from N 38° 58' 14.78" W 77° 28' 27.98" to N 38° 54' 30.88" W 77° 29' 8.87"	



Name:	DAVE COOK
Project Name:	KIAD RNLDI1 SID
Output File:	KIAD SID RW30 BLUES 20120605_0610
Software:	RNAV-Pro™
Version:	2.36v
Date/Time:	6/5/2012 6:10:06 AM
Input File:	KIAD RNLDI1 SID RW30 BLUES 20120201.txt
Databases:	AVNIS Date: 02/07/2012
	Obstacle Date: 08/26/2011
	NFD Date: 09/30/2010
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓ **Please Check Flyability Results**
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
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' 59.19" W 77° 30' 39.04"	820.0	VNAV	145.0	Fly Over	DF
LOULU	WP	N 38° 53' 50.04" W 77° 40' 23.43"	2465.6	VNAV	180.0	Fly By	TF
BLUES	WP	N 38° 47' 45.11" W 77° 54' 27.08"	4976.3	VNAV	180.0	Fly Over	TF

DME/DME

Return To Summary

Settings:

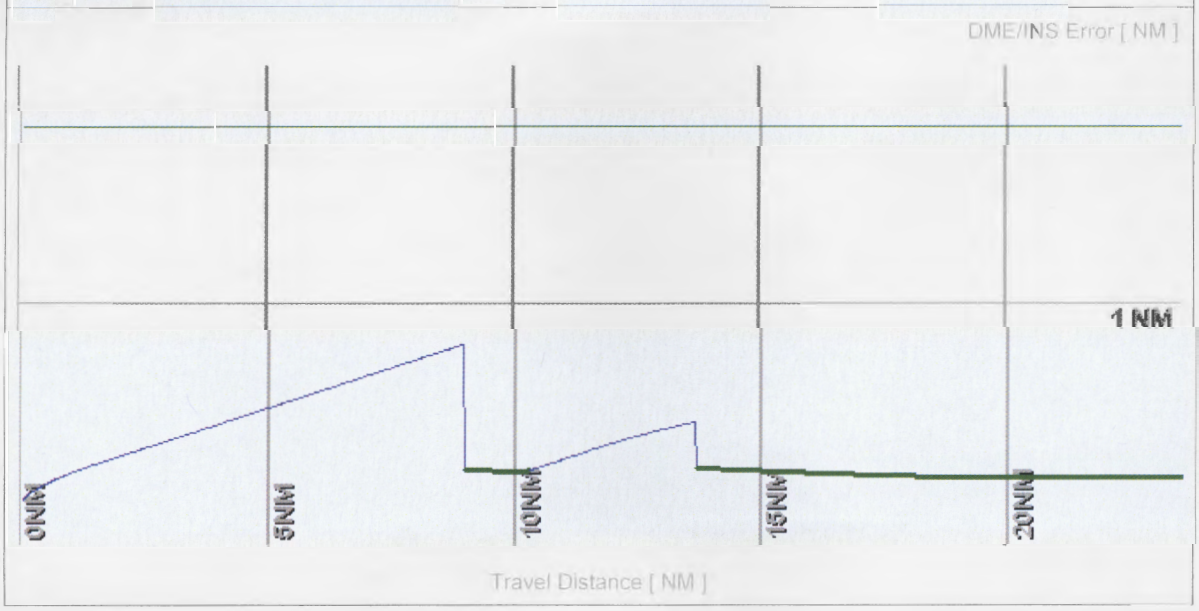
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.165 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 4

Maximum DME Error: 0.827 NM.

No Critical DMEs were found.

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



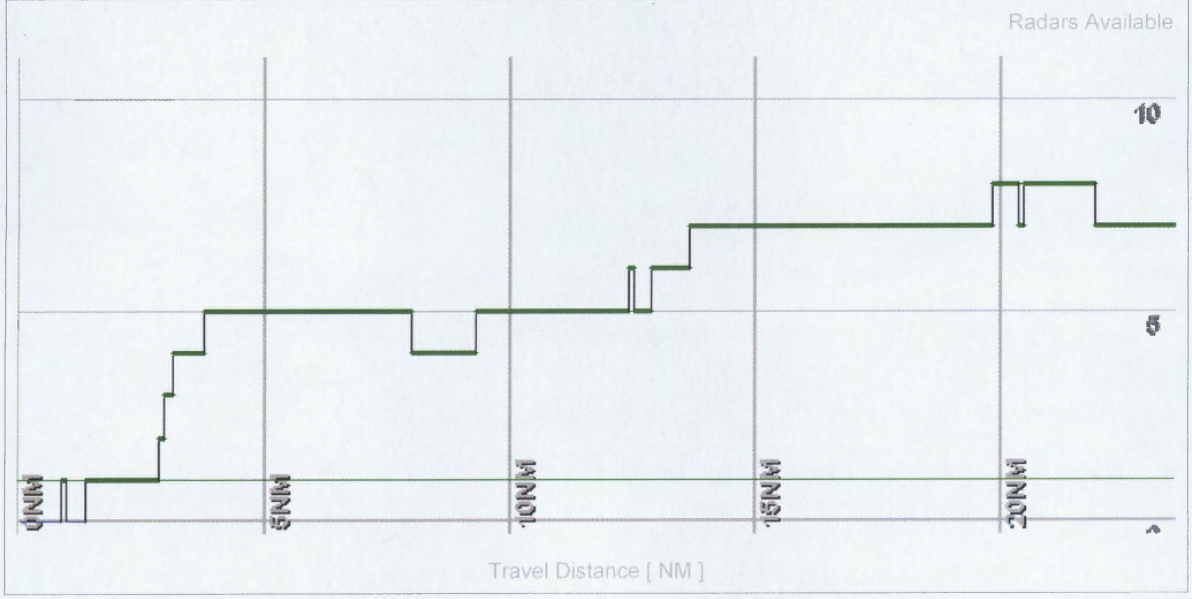
DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 38° 56' 1.00" W 77° 27' 21.23"	N 38° 54' 40.71" W 77° 37' 57.26"	8.9
	VOR: ADW	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: AML	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	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' 40.71" W 77° 37' 57.26"	
	VOR: CSN	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: DCA	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: FDK	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: LDN	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: MRB	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 54' 40.71" W 77° 37' 57.26"	
	VOR: OTT	Available from N 38° 56' 1.00" W 77° 27' 21.23" to N 38° 56' 33.35" W 77° 32' 31.51"	

Radar Analysis

Return To Summary

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