

DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\BLUZZ4 RNAV.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\KMEM [IFPA] BLUZZ4 20220615_1005 EDT\BNA_SPKER\KMEM BLUZZ4 RNAV STAR BNA SPKER 20220615_1005 EDT.pdf
Procedure Name:	BLUZZ4
Software: DmeDmePlugin:	6.5.0
Date/Time:	06/15/2022 10:05 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BNA	WP	N36° 08' 13.06", W086° 41' 05.18"	18000	VNAV	290	FLY_BY	TF
CITAN	WP	N35° 58' 24.53", W087° 41' 33.37"	18000	VNAV	290	FLY_BY	TF
KELNE	WP	N35° 51' 53.58", W088° 18' 52.37"	18000	VNAV	290	FLY_BY	TF
SPKER	WP	N35° 43' 50.25", W089° 04' 12.82"	14000	VNAV	290	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMEM [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLUZZ4 path BNA_SPKER

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	IIU	N38° 06' 12.47", W085° 34' 38.77"	1.0 E	130	H	IFPA	NO	Enabled	33 %	33 %
2	PXV	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	H	IFPA	NO	Enabled	33 %	33 %
3	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H	IFPA	NO	Enabled	48 %	48 %
4	DYR	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	L	IFPA	NO	Enabled	43.9 %	43.9 %
5	CNG	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	L	IFPA	NO	Enabled	26.5 %	26.5 %
6	GHM	N35° 50' 02.12", W087° 27' 06.35"	0.0 E	40	L	IFPA	NO	Enabled	54.1 %	54.1 %
7	MEM	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	H	IFPA	NO	Enabled	27.2 %	27.2 %
8	BWG	N36° 55' 43.47", W086° 26' 36.36"	0.0 E	130	H	IFPA	NO	Enabled	23.5 %	23.5 %
9	HCH	N35° 46' 51.65", W084° 58' 42.43"	2.0 W	130	DH	IFPA	NO	Enabled	38.9 %	38.8 %

DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IIU	HCH	PXV			
2.9	PXV	GHM	IIU	HCH		
3.8	PXV	GHM	BNA	IIU	HCH	
39.3	GHM	BNA	BWG	HCH		
46.2	GHM	BWG	BNA			
53.7	GHM	BWG				
55.3	GHM	BWG	DYR			
67.2						
78.4	DYR	MEM				
79.6	CNG	BNA	DYR	MEM		
86.9	CNG	DYR	MEM			
87.3	CNG	DYR				
95.2	CNG	DYR	MEM			
111.2	MEM	DYR				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N35° 54' 48.66", W088° 02' 18.66"	N35° 52' 26.52", W088° 15' 46.51"	11.1923

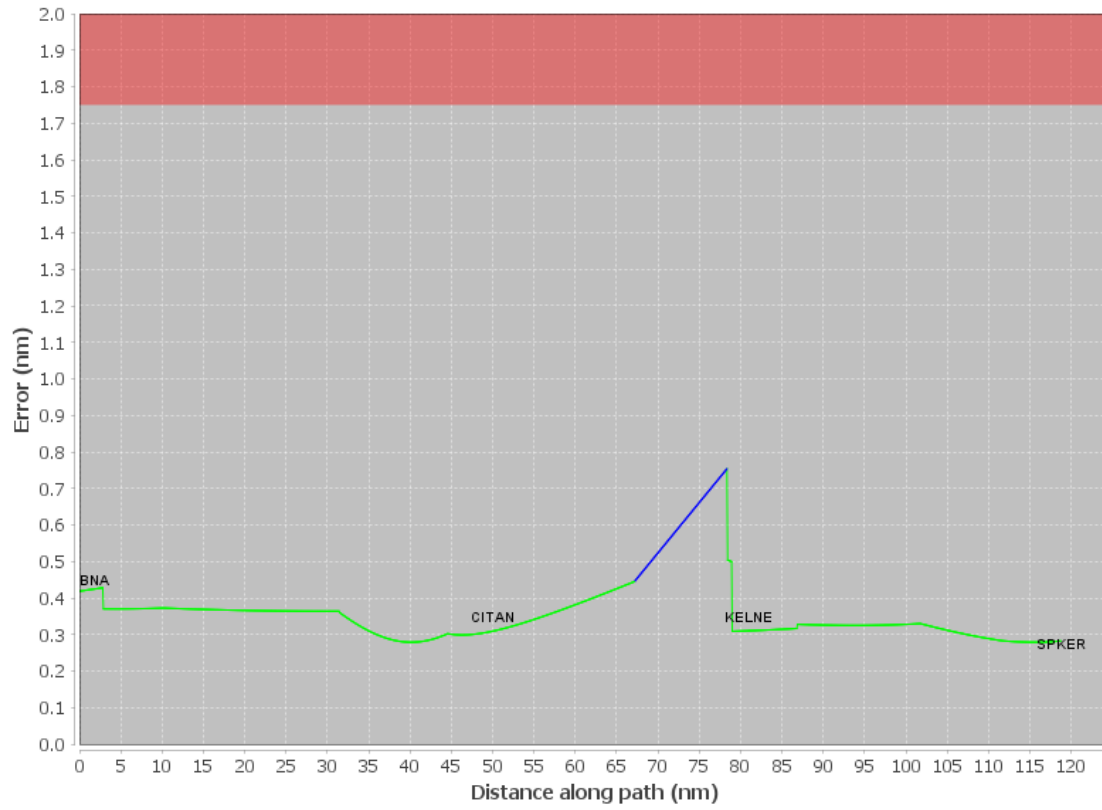
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BNA	CITAN	BWG, IIU, BNA, HCH, GHM, PXV	
CITAN	KELNE	BWG, BNA, MEM, DYR, GHM, CNG	
KELNE	SPKER	MEM, BNA, DYR, CNG	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEs_KMEM BLUZZ1 STAR KELNE DINKE 20130903_0807.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PXV PXV [IFPA]	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	385	113.3	PXV	
ESV:		Bearing [True]: 152.0 to 175.0 Bearing [Mag]: 149.0 to 172.0				Arc Distance: Out to 124.0 NM Altitude: 17900.0 to 18400.0 ft		
2	UDT ESV CNG CNG [IFPA]	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	484.9	113.1	UDT ESV CNG	
ESV:		Bearing [True]: 158.0 to 184.0 Bearing [Mag]: 155.0 to 181.0				Arc Distance: Out to 79.0 NM Altitude: 9900.0 to 20000.0 ft		
3	IIU IIU [IFPA]	N38° 06' 12.47", W085° 34' 38.77"	1.0 E	130	720.7	114.8	IIU	
ESV:		Bearing [True]: 202.0 to 219.0 Bearing [Mag]: 201.0 to 218.0				Arc Distance: Out to 158.0 NM Altitude: 17900.0 to 18800.0 ft		
4	UDT ESV DYR DYR [IFPA]	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	388.7	116.8	UDT ESV DYR	
ESV:		Bearing [True]: 88.0 to 202.0 Bearing [Mag]: 85.0 to 199.0				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
5	UDT ESV MEM MEM [IFPA]	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	363.4	117.5	UDT ESV MEM	
ESV:		Bearing [True]: 41.0 to 57.0 Bearing [Mag]: 40.0 to 56.0				Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 ft		
6	UDT ESV GHM GHM [IFPA]	N35° 50' 02.12", W087° 27' 06.35"	0.0 E	40	774.7	null	UDT ESV GHM	
ESV:		Bearing [True]: 272.0 to 25.0 Bearing [Mag]: 272.0 to 25.0				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 ft		
7	HAB HAB [IFPA]	N34° 11' 55.57", W088° 00' 41.83"	0.0 E	40	802.1	null	HAB	
ESV:		Bearing [True]: 318.0 to 323.0 Bearing [Mag]: 318.0 to 323.0				Arc Distance: Out to 108.0 NM Altitude: 9900.0 to 18900.0 ft		

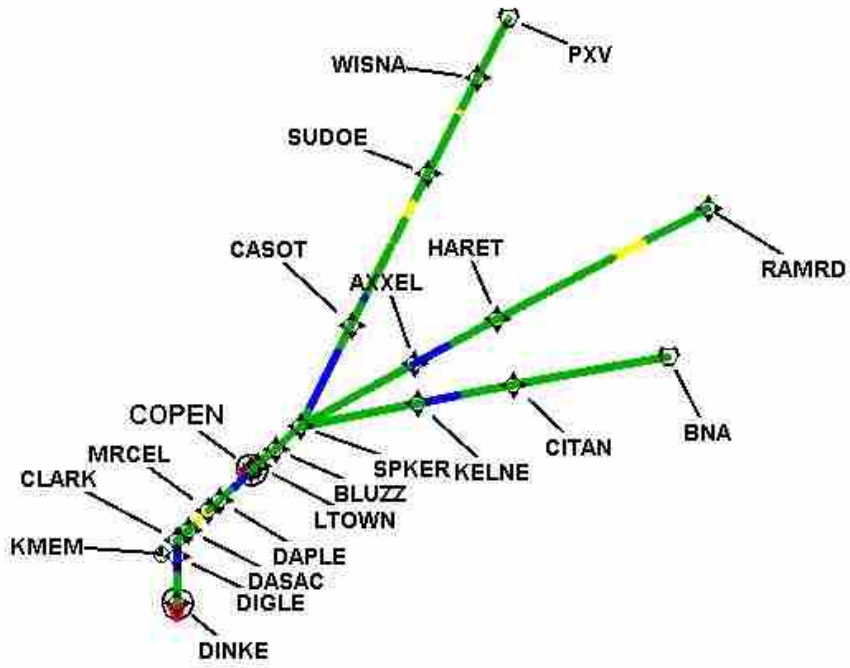
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

DME Error



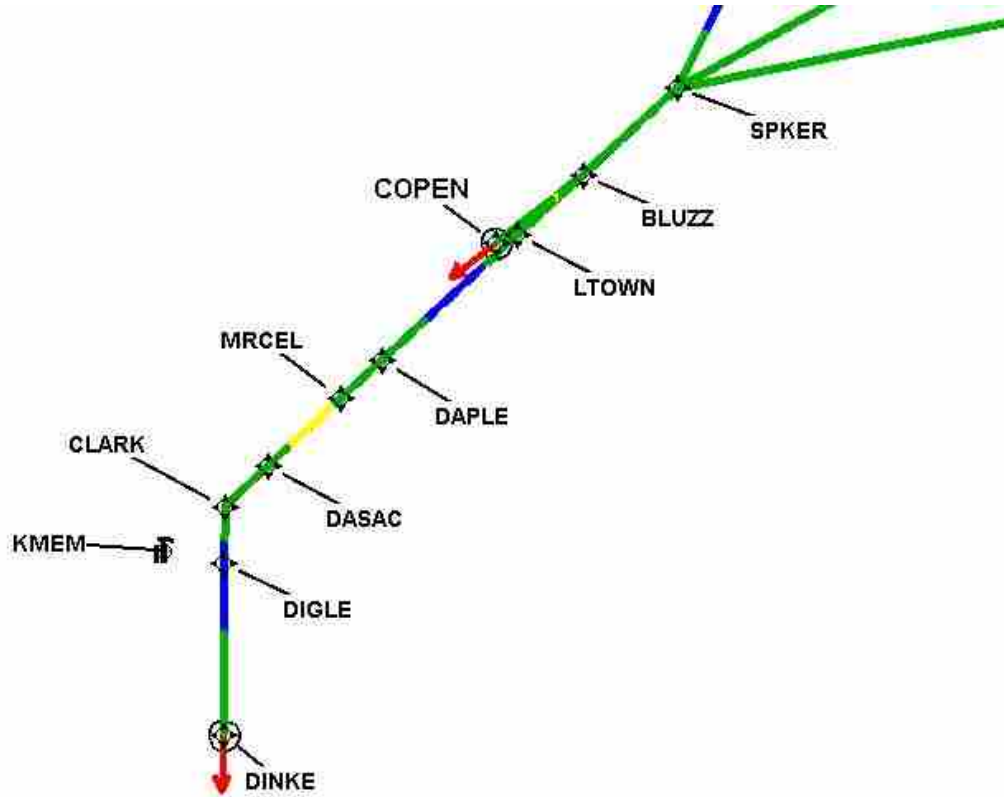
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 1



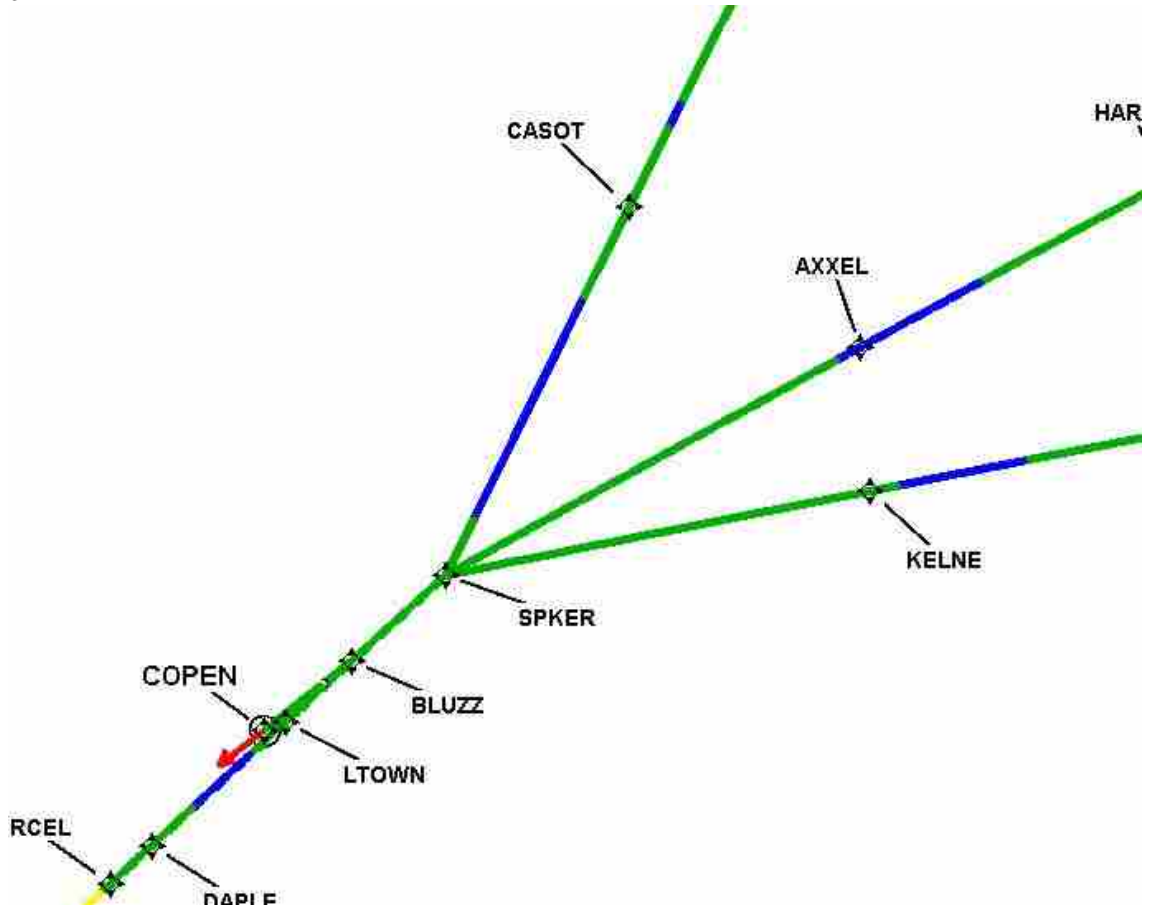
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 2



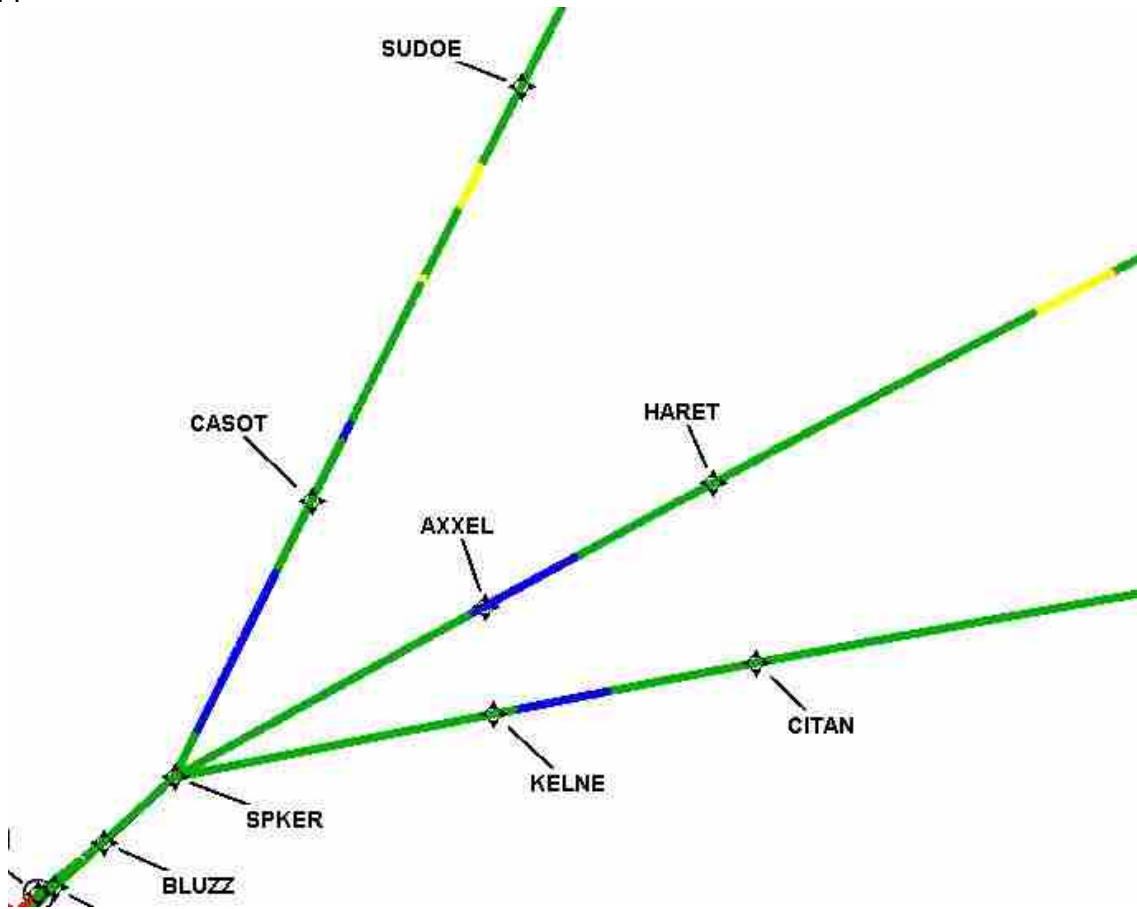
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 3



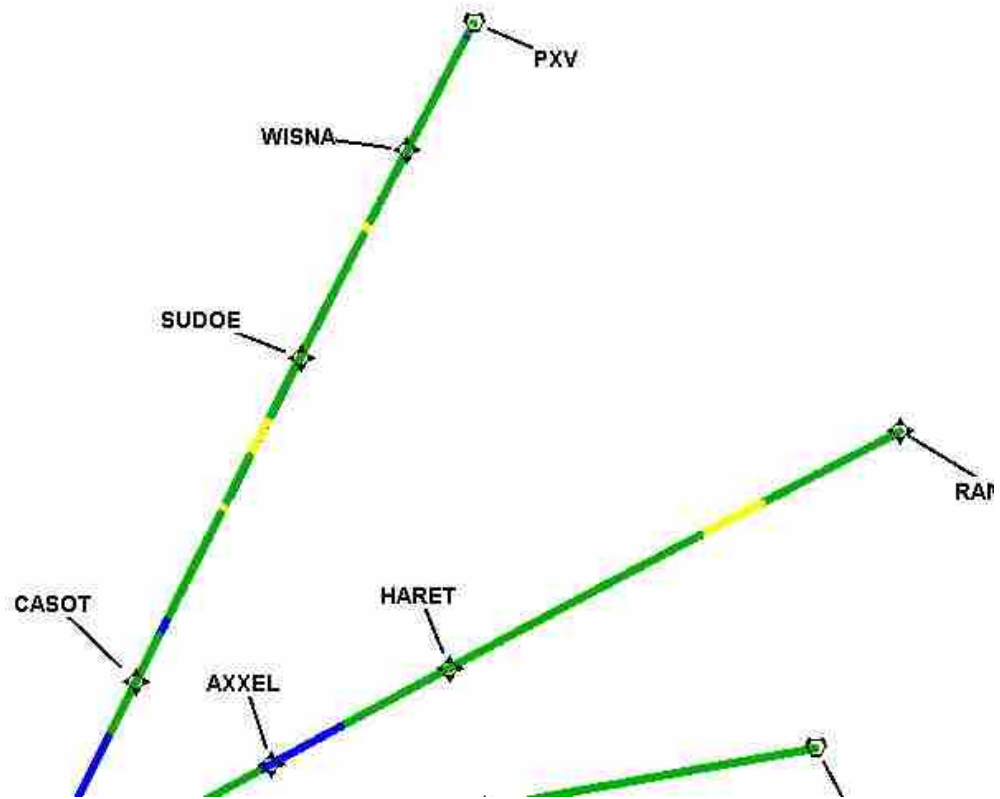
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 4



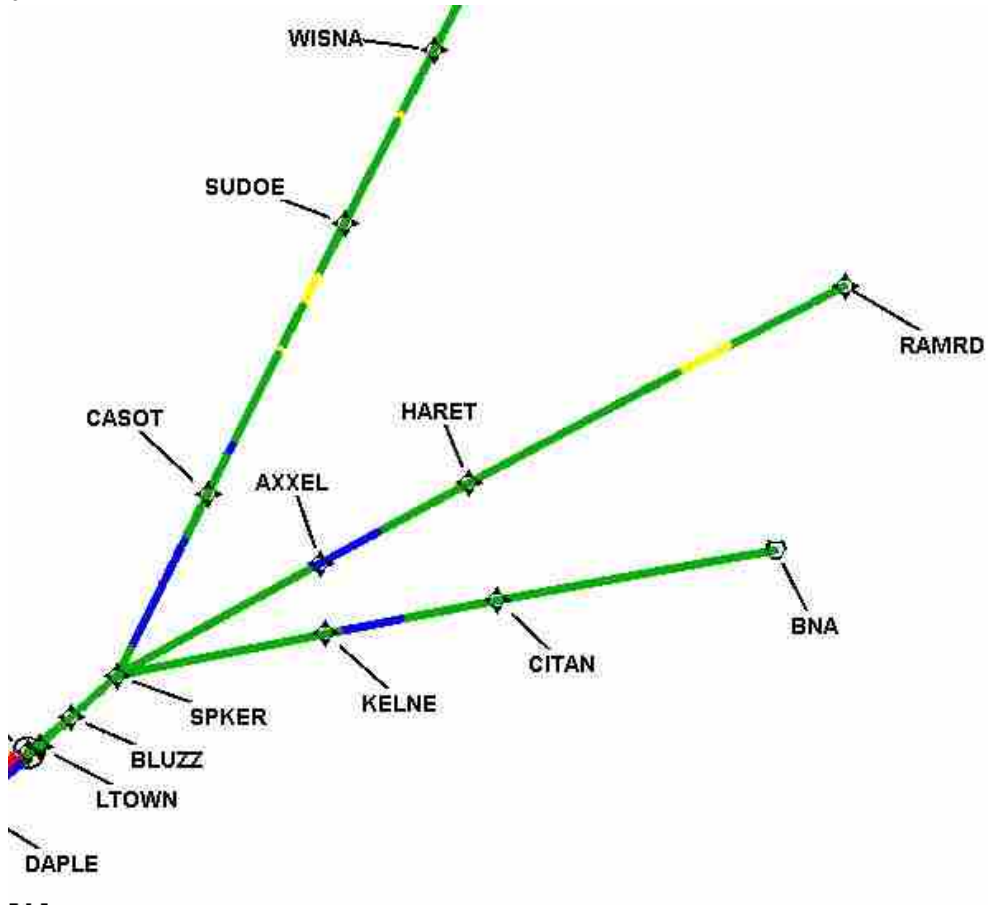
DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 5



DME DME Assessment Results for BLUZZ4 path BNA_SPKER

Graphic Depiction 6



DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\BLUZZ4 RNAV.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\KMEM [IFPA] BLUZZ4 20220615_1005 EDT\PXV_DINKE\KMEM BLUZZ4 RNAV STAR PXV DINKE 20220615_1005 EDT.pdf
Procedure Name:	BLUZZ4
Software: DmeDmePlugin:	6.5.0
Date/Time:	06/15/2022 10:05 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PXV	WP	N37° 55' 41.95", W087° 45' 44.57"	18000	VNAV	290	FLY_BY	TF
WISNA	WP	N37° 36' 28.29", W087° 57' 30.25"	18000	VNAV	290	FLY_BY	TF
SUDOE	WP	N37° 05' 13.36", W088° 16' 22.76"	18000	VNAV	290	FLY_BY	TF
CASOT	WP	N36° 16' 25.19", W088° 45' 17.17"	18000	VNAV	290	FLY_BY	TF
SPKER	WP	N35° 43' 50.25", W089° 04' 12.82"	14000	VNAV	290	FLY_BY	TF
BLUZZ	WP	N35° 36' 07.63", W089° 14' 10.81"	14000	VNAV	280	FLY_BY	TF
LTOWN	WP	N35° 30' 43.57", W089° 21' 06.22"	14000	VNAV	280	FLY_BY	TF
DAPLE	WP	N35° 19' 36.17", W089° 35' 19.27"	10000	VNAV	280	FLY_BY	TF
MRCEL	WP	N35° 16' 11.30", W089° 39' 39.91"	10000	VNAV	250	FLY_BY	TF
DASAC	WP	N35° 10' 03.82", W089° 47' 26.04"	9000	VNAV	250	FLY_BY	TF
CLARK	WP	N35° 06' 28.20", W089° 51' 58.69"	8000	VNAV	210	FLY_BY	TF
DIGLE	WP	N35° 01' 27.73", W089° 51' 54.90"	6000	VNAV	210	FLY_BY	TF
DINKE	WP	N34° 46' 26.31", W089° 51' 43.57"	3000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KMEM [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for BLUZZ4 path PXV_DINKE

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	HAB	N34° 11' 55.57", W088° 00' 41.83"	0.0 E	40	L	IFPA	NO	Enabled	3.8 %	3.8 %
2	CNG	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	L	IFPA	NO	Enabled	32.4 %	34.1 %
3	ENL	N38° 25' 12.00", W089° 09' 32.39"	4.0 E	130	H	IFPA	NO	Enabled	30.4 %	31.9 %
4	MEM	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	H	IFPA	NO	Enabled	32.4 %	30.6 %
5	FAM	N37° 40' 24.46", W090° 14' 02.61"	1.0 E	130	H	IFPA	NO	Enabled	2.5 %	2.6 %
6	HLI	N34° 46' 12.88", W089° 29' 47.47"	3.0 E	40	L	IFPA	NO	Enabled	15.7 %	14.1 %
7	PXV	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	H	IFPA	NO	Enabled	41.9 %	44 %
8	TTH	N39° 29' 20.18", W087° 14' 56.46"	2.0 E	130	H	IFPA	NO	Enabled	1.1 %	1.1 %
9	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H	IFPA	NO	Enabled	18.2 %	19.1 %
10	DYR	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	L	IFPA	NO	Enabled	19.9 %	20.6 %
11	SAM	N38° 29' 06.68", W088° 05' 08.90"	3.0 E	40	L	IFPA	NO	Enabled	0.2 %	0.2 %
12	GQE	N35° 20' 49.31", W090° 28' 41.37"	4.0 E	40	L	IFPA	NO	Enabled	8.3 %	7.2 %
13	BWG	N36° 55' 43.47", W086° 26' 36.36"	0.0 E	130	H	IFPA	NO	Enabled	32.3 %	33.9 %
14	CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	L	IFPA	NO	Enabled	5.2 %	5.4 %
15	HCH	N35° 46' 51.65", W084° 58' 42.43"	2.0 W	130	DH	IFPA	NO	Enabled	5.4 %	4.1 %

DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	TTH	ENL	BWG	SAM		
0.2	TTH	ENL	BWG			
1.0	TTH	ENL	BWG	CCT	SAM	
1.4	TTH	ENL	BWG			
2.6						
3.0	PXV	ENL				
4.2	PXV	ENL	BWG			
13.9	PXV	CCT	ENL	BWG		
24.3	PXV	BWG	ENL			
34.1	PXV	CCT	BWG	ENL		
35.5	PXV	BWG	ENL			
41.8	CNG	ENL	PXV	BWG		
52.6	CNG	ENL	PXV	BWG	BNA	
70.9	CNG	PXV	BNA	FAM	BWG	
72.3	CNG	PXV	BNA	BWG		
75.5	CNG	PXV	BNA			
80.9	CNG	PXV	BNA	BWG		
81.9	CNG	PXV	BNA			
94.8	CNG	PXV				
99.9						
102.2	CNG	DYR				
107.3	CNG	DYR	MEM			
116.3	CNG	DYR				
119.2						
140.5	MEM	DYR				
160.6	MEM	HAB	DYR			
162.2	HAB	DYR				
168.2	HAB	MEM	DYR			
169.1						
175.9	MEM	HLI				
187.1	GQE	HLI	MEM			
203.1						
210.9	HCH	MEM				
216.1	MEM	HLI	HCH			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 53' 23.23", W087° 47' 09.78"	N37° 52' 57.22", W087° 47' 25.75"	0.4816
2	N36° 25' 35.60", W088° 39' 54.25"	N36° 23' 28.94", W088° 41' 08.69"	2.3338
3	N36° 08' 06.92", W088° 50' 08.28"	N35° 48' 47.85", W089° 01' 21.06"	21.329
4	N35° 27' 52.85", W089° 24' 45.01"	N35° 23' 09.15", W089° 30' 47.71"	6.8334
5	N35° 03' 19.53", W089° 51' 56.31"	N34° 55' 31.36", W089° 51' 50.41"	7.7939

DME DME Assessment Results for BLUZZ4 path PXV_DINKE

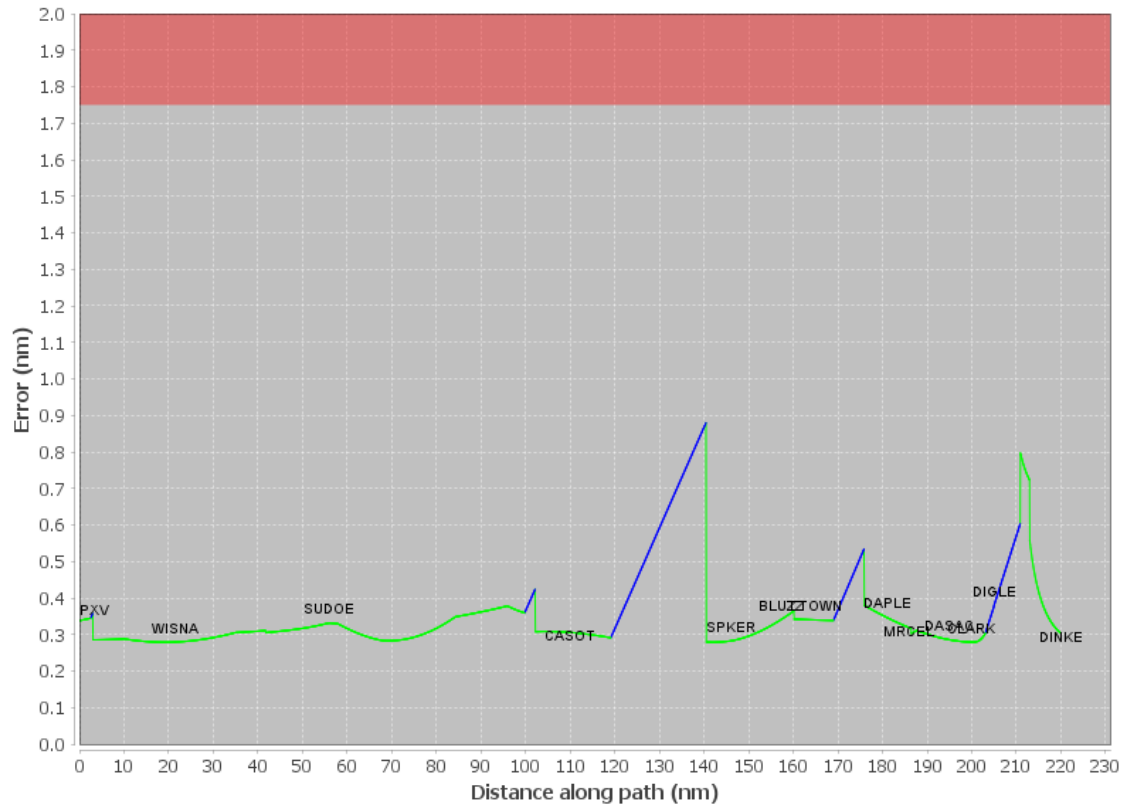
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PXV	WISNA	ENL, BWG, CCT, TTH, SAM, PXV	
WISNA	SUDOE	ENL, BWG, BNA, CCT, CNG, PXV	
SUDOE	CASOT	ENL, BWG, FAM, BNA, MEM, DYR, CNG, PXV	
CASOT	SPKER	MEM, DYR, CNG	
SPKER	BLUZZ	MEM, DYR	
BLUZZ	LTOWN	MEM, HAB, DYR	
LTOWN	DAPLE	MEM, HLI, HAB, DYR	
DAPLE	MRCEL	MEM, HLI	
MRCEL	DASAC	MEM, HLI, GQE	
DASAC	CLARK	MEM, HLI, GQE	
CLARK	DIGLE	MEM, HLI, GQE	
DIGLE	DINKE	MEM, HLI, HCH	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEs_KMEM BLUZZ1 STAR KELNE DINKE 20130903_0807.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PXV PXV [IFPA]	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	385	113.3	PXV	
	ESV:	Bearing [True]: 152.0 to 175.0 Bearing [Mag]: 149.0 to 172.0				Arc Distance: Out to 124.0 NM Altitude: 17900.0 to 18400.0 ft		
2	UDT ESV CNG CNG [IFPA]	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	484.9	113.1	UDT ESV CNG	
	ESV:	Bearing [True]: 158.0 to 184.0 Bearing [Mag]: 155.0 to 181.0				Arc Distance: Out to 79.0 NM Altitude: 9900.0 to 20000.0 ft		
3	IIU IIU [IFPA]	N38° 06' 12.47", W085° 34' 38.77"	1.0 E	130	720.7	114.8	IIU	
	ESV:	Bearing [True]: 202.0 to 219.0 Bearing [Mag]: 201.0 to 218.0				Arc Distance: Out to 158.0 NM Altitude: 17900.0 to 18800.0 ft		
4	UDT ESV DYR DYR [IFPA]	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	388.7	116.8	UDT ESV DYR	
	ESV:	Bearing [True]: 88.0 to 202.0 Bearing [Mag]: 85.0 to 199.0				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
5	UDT ESV MEM MEM [IFPA]	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	363.4	117.5	UDT ESV MEM	
	ESV:	Bearing [True]: 41.0 to 57.0 Bearing [Mag]: 40.0 to 56.0				Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 ft		
6	UDT ESV GHM GHM [IFPA]	N35° 50' 02.12", W087° 27' 06.35"	0.0 E	40	774.7	null	UDT ESV GHM	
	ESV:	Bearing [True]: 272.0 to 25.0 Bearing [Mag]: 272.0 to 25.0				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 ft		
7	HAB HAB [IFPA]	N34° 11' 55.57", W088° 00' 41.83"	0.0 E	40	802.1	null	HAB	
	ESV:	Bearing [True]: 318.0 to 323.0 Bearing [Mag]: 318.0 to 323.0				Arc Distance: Out to 108.0 NM Altitude: 9900.0 to 18900.0 ft		

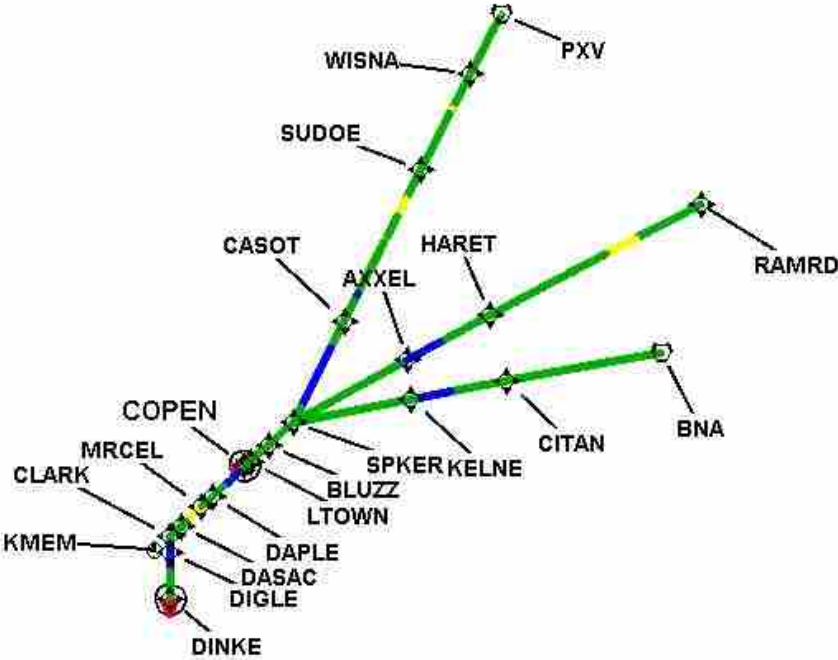
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

DME Error



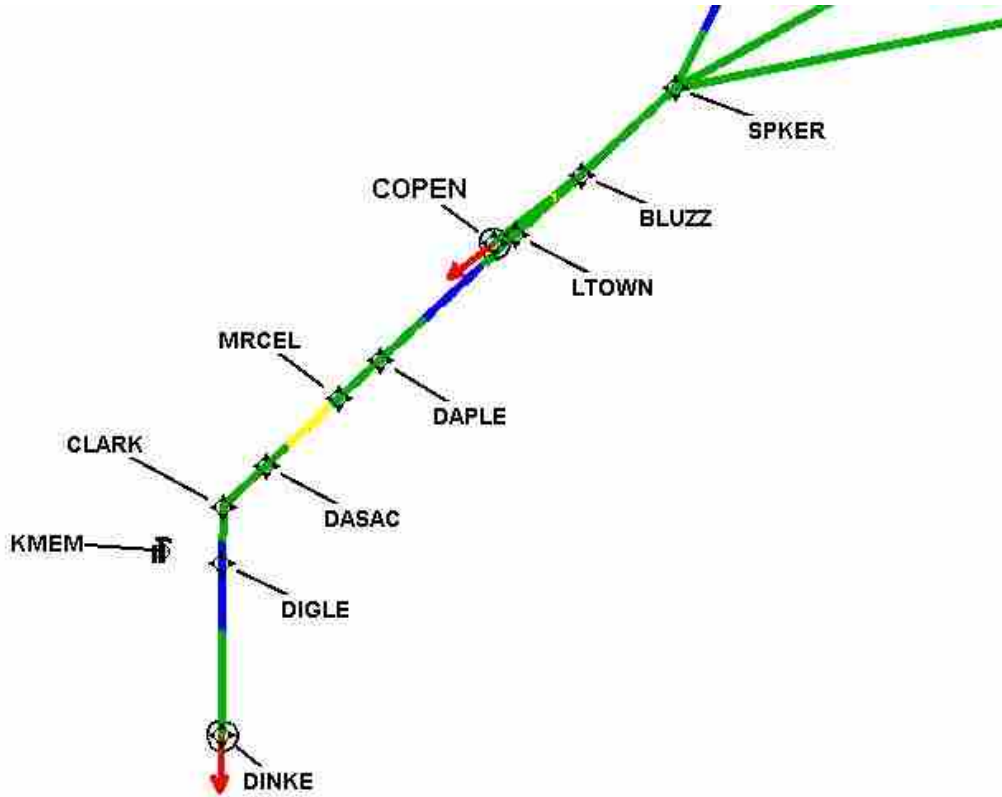
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 1



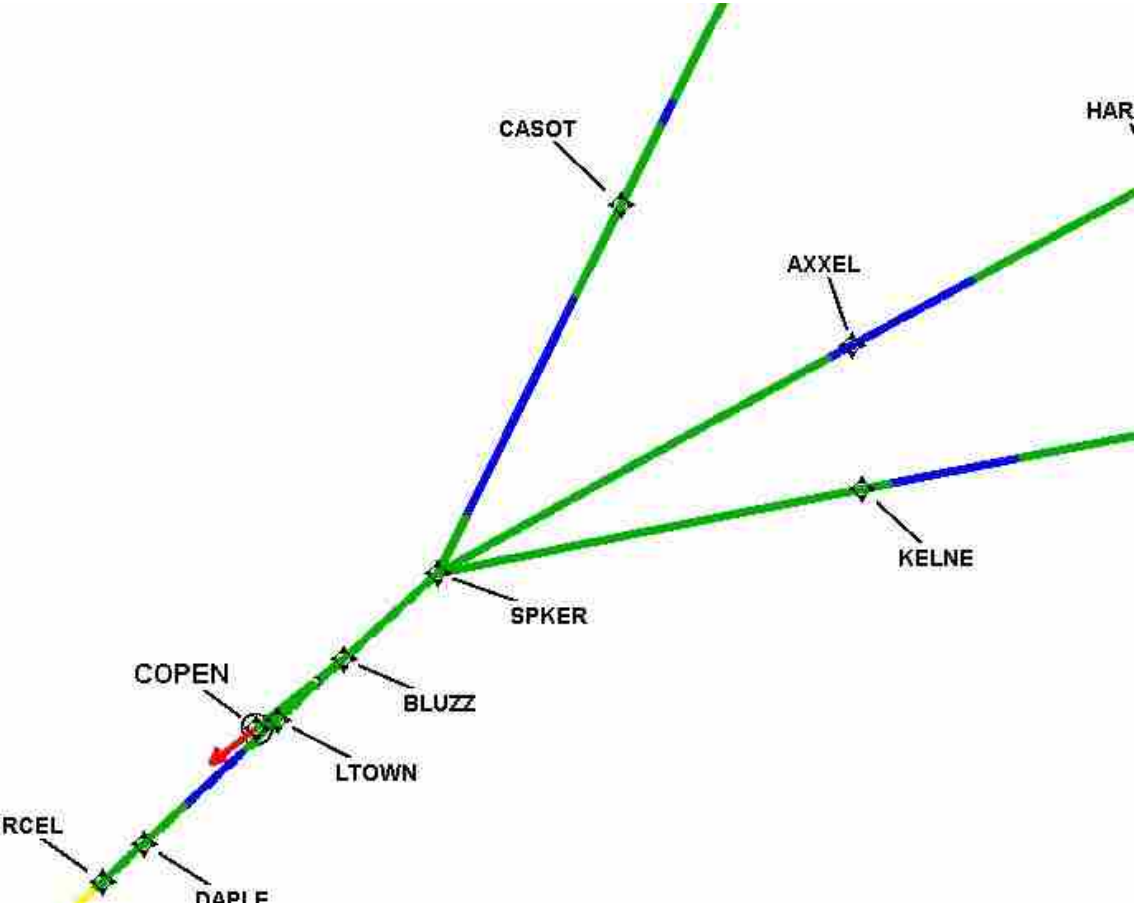
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 2



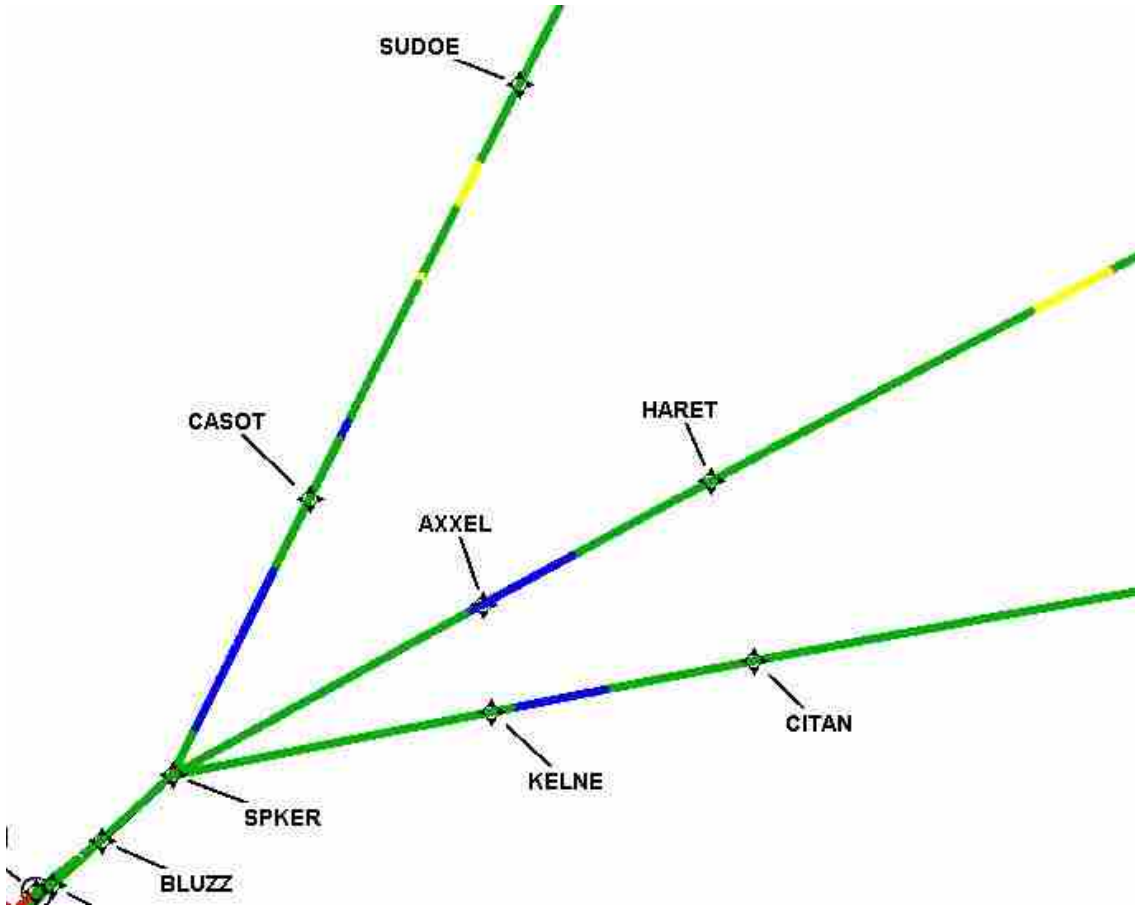
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 3



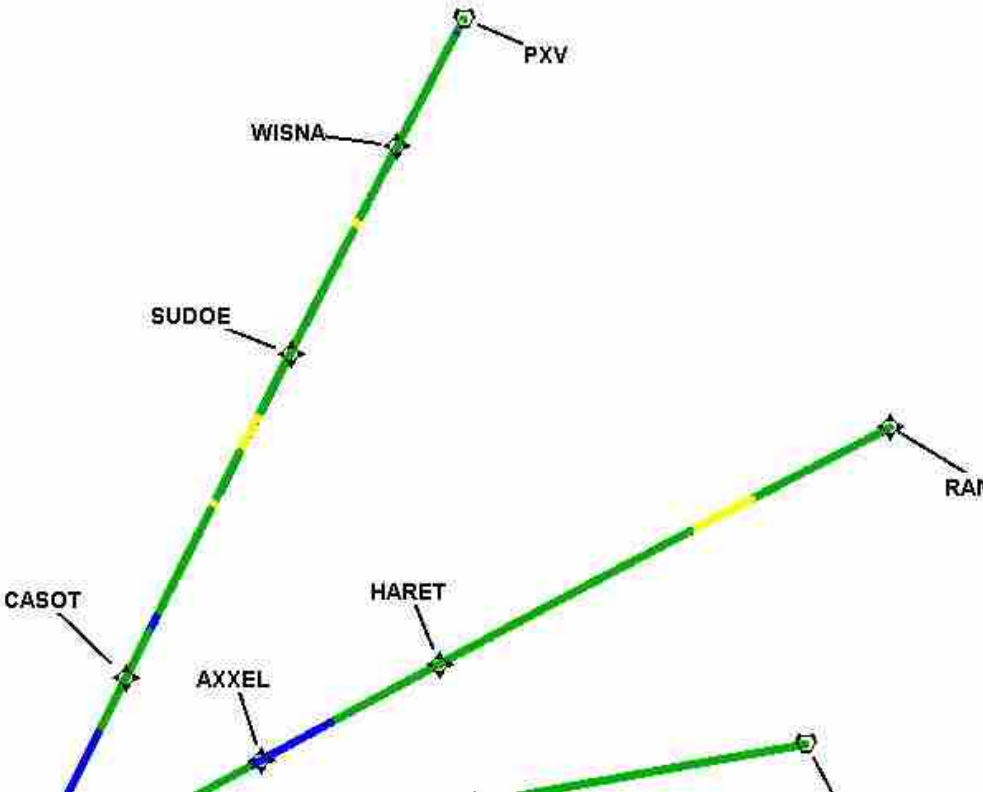
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 4



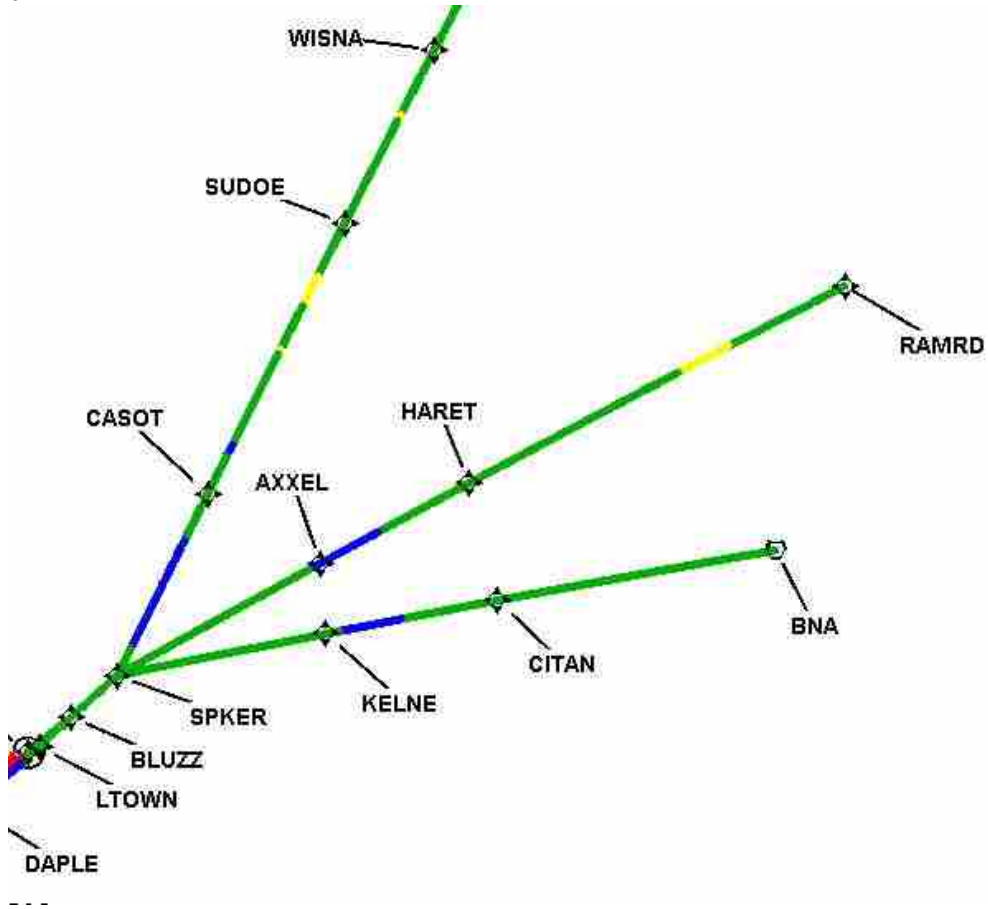
DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 5



DME DME Assessment Results for BLUZZ4 path PXV_DINKE

Graphic Depiction 6



DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\BLUZZ4 RNAV.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KMEM\KMEM [IFPA] BLUZZ4 20220615_1005 EDT\RAMRD_COPEN\KMEM BLUZZ4 RNAV STAR RAMRD COPEN 20220615_1005 EDT.pdf
Procedure Name:	BLUZZ4
Software: DmeDmePlugin:	6.5.0
Date/Time:	06/15/2022 10:05 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
RAMRD	WP	N36° 55' 44.04", W086° 26' 36.58"	18000	VNAV	290	FLY_BY	TF
HARET	WP	N36° 19' 16.57", W087° 48' 04.31"	18000	VNAV	290	FLY_BY	TF
AXXEL	WP	N36° 04' 26.33", W088° 20' 18.08"	18000	VNAV	290	FLY_BY	TF
SPKER	WP	N35° 43' 50.25", W089° 04' 12.82"	14000	VNAV	290	FLY_BY	TF
BLUZZ	WP	N35° 36' 07.63", W089° 14' 10.81"	14000	VNAV	280	FLY_BY	TF
COPEN	WP	N35° 29' 58.24", W089° 23' 22.34"	10000	VNAV	230	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMEM [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	HAB	N34° 11' 55.57", W088° 00' 41.83"	0.0 E	40	L	IFPA	NO	Enabled	4 %	3.9 %
2	IIU	N38° 06' 12.47", W085° 34' 38.77"	1.0 E	130	H	IFPA	NO	Enabled	16.8 %	16.8 %
3	PXV	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	H	IFPA	NO	Enabled	43.6 %	43.7 %
4	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H	IFPA	NO	Enabled	57.7 %	57.8 %
5	CNG	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	L	IFPA	NO	Enabled	17.3 %	17.3 %
6	DYR	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	L	IFPA	NO	Enabled	30.3 %	30.1 %
7	MKL	N35° 36' 12.84", W088° 54' 37.55"	1.0 W	25	T	IFPA	NO	Enabled	3.2 %	3.1 %
8	GHM	N35° 50' 02.12", W087° 27' 06.35"	0.0 E	40	L	IFPA	NO	Enabled	48.8 %	48.9 %
9	MEM	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	H	IFPA	NO	Enabled	23.9 %	23.9 %
10	BWG	N36° 55' 43.47", W086° 26' 36.36"	0.0 E	130	H	IFPA	NO	Enabled	3 %	3 %
11	HCH	N35° 46' 51.65", W084° 58' 42.43"	2.0 W	130	DH	IFPA	NO	Enabled	33.2 %	33.3 %

DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PXV	IIU	BNA	HCH		
4.2	PXV	BWG	IIU	HCH	BNA	
9.3	PXV	IIU	HCH	BNA		
20.8	HCH	BNA				
22.9	IIU	PXV	HCH	BNA		
27.6	GHM	HCH	PXV	BNA	IIU	
30.3	GHM	HCH	BNA	PXV		
55.7	GHM	BNA	PXV			
75.2	GHM	BNA				
93.0						
107.2	CNG	BNA	GHM			
108.1	CNG	BNA	GHM	MEM		
110.9	CNG	GHM	MEM			
111.3	CNG	GHM				
116.4	CNG	DYR	GHM			
123.5	CNG	GHM	DYR	MEM		
123.7	CNG	DYR	MEM			
136.2	MEM	DYR				
160.3						
160.6	DYR	MKL	MEM	HAB		
160.8	DYR	MKL	HAB			
165.8	HAB	DYR				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 10' 22.99", W088° 07' 27.07"	N36° 03' 21.55", W088° 22' 37.59"	14.1344
2	N35° 34' 15.41", W089° 16' 58.62"	N35° 34' 06.55", W089° 17' 11.87"	0.2327

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RAMRD	HARET	BWG, IIU, BNA, HCH, GHM, PXV	
HARET	AXXEL	BNA, GHM, PXV	
AXXEL	SPKER	BNA, MEM, DYR, CNG, GHM	
SPKER	BLUZZ	MEM, DYR	
BLUZZ	COPEN	MEM, HAB, DYR, MKL	

DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

User Data Files

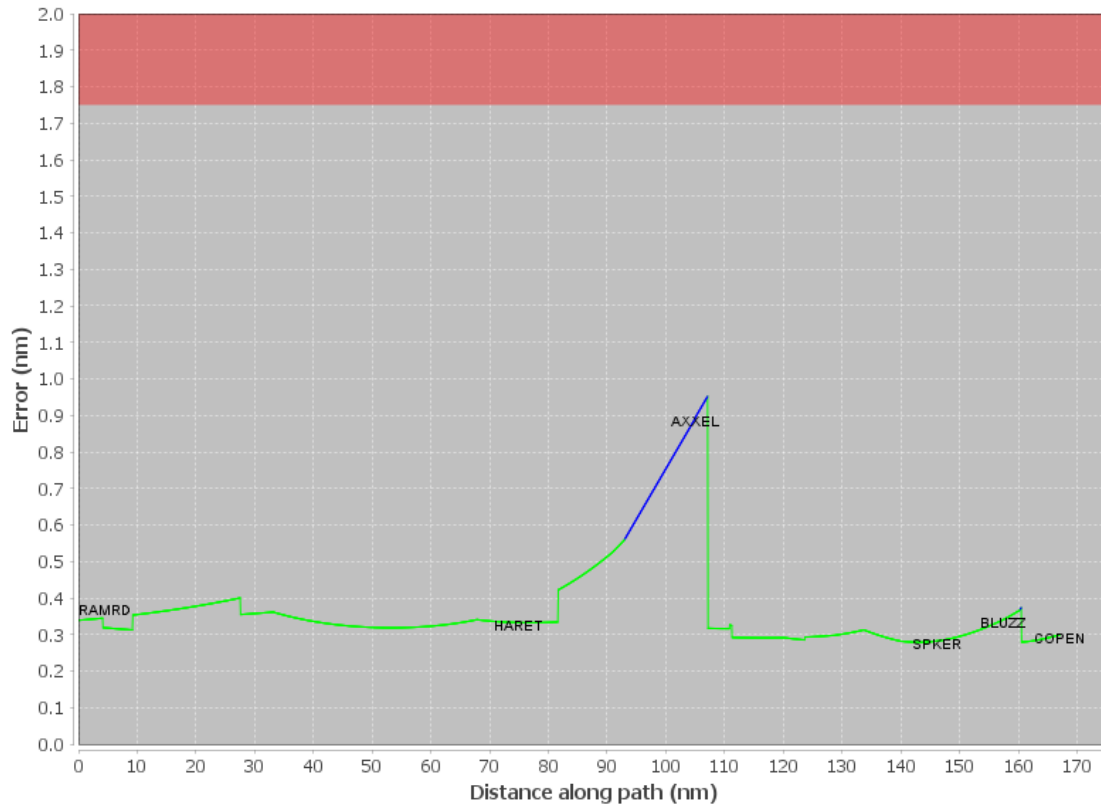
#	File Name
1	New Analysis.udt
2	UserDMEs_KMEM BLUZZ1 STAR KELNE DINKE 20130903_0807.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PXV PXV [IFPA]	N37° 55' 41.95", W087° 45' 44.57"	3.0 E	130	385	113.3	PXV	
	ESV:	Bearing [True]: 152.0 to 175.0 Bearing [Mag]: 149.0 to 172.0				Arc Distance: Out to 124.0 NM Altitude: 17900.0 to 18400.0 ft		
2	UDT ESV CNG CNG [IFPA]	N37° 00' 30.99", W088° 50' 12.89"	3.0 E	40	484.9	113.1	UDT ESV CNG	
	ESV:	Bearing [True]: 158.0 to 184.0 Bearing [Mag]: 155.0 to 181.0				Arc Distance: Out to 79.0 NM Altitude: 9900.0 to 20000.0 ft		
3	I IU I IU [IFPA]	N38° 06' 12.47", W085° 34' 38.77"	1.0 E	130	720.7	114.8	I IU	
	ESV:	Bearing [True]: 202.0 to 219.0 Bearing [Mag]: 201.0 to 218.0				Arc Distance: Out to 158.0 NM Altitude: 17900.0 to 18800.0 ft		
4	UDT ESV DYM DYM [IFPA]	N36° 01' 06.78", W089° 19' 03.69"	3.0 E	40	388.7	116.8	UDT ESV DYM	
	ESV:	Bearing [True]: 88.0 to 202.0 Bearing [Mag]: 85.0 to 199.0				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
5	UDT ESV MEM MEM [IFPA]	N35° 00' 54.38", W089° 58' 59.53"	1.0 E	130	363.4	117.5	UDT ESV MEM	
	ESV:	Bearing [True]: 41.0 to 57.0 Bearing [Mag]: 40.0 to 56.0				Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 ft		
6	UDT ESV GHM GHM [IFPA]	N35° 50' 02.12", W087° 27' 06.35"	0.0 E	40	774.7	null	UDT ESV GHM	
	ESV:	Bearing [True]: 272.0 to 25.0 Bearing [Mag]: 272.0 to 25.0				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 ft		
7	HAB HAB [IFPA]	N34° 11' 55.57", W088° 00' 41.83"	0.0 E	40	802.1	null	HAB	
	ESV:	Bearing [True]: 318.0 to 323.0 Bearing [Mag]: 318.0 to 323.0				Arc Distance: Out to 108.0 NM Altitude: 9900.0 to 18900.0 ft		

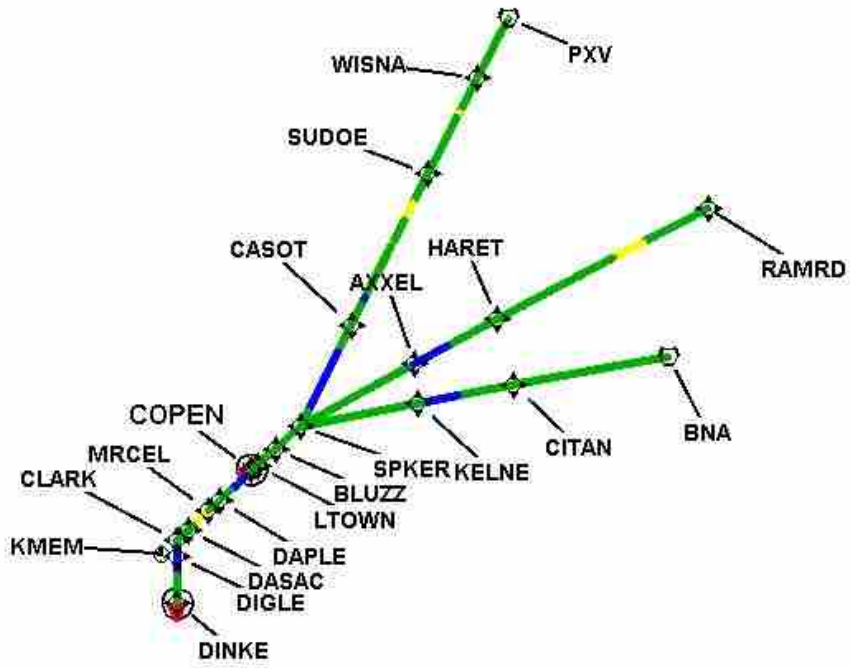
DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

DME Error



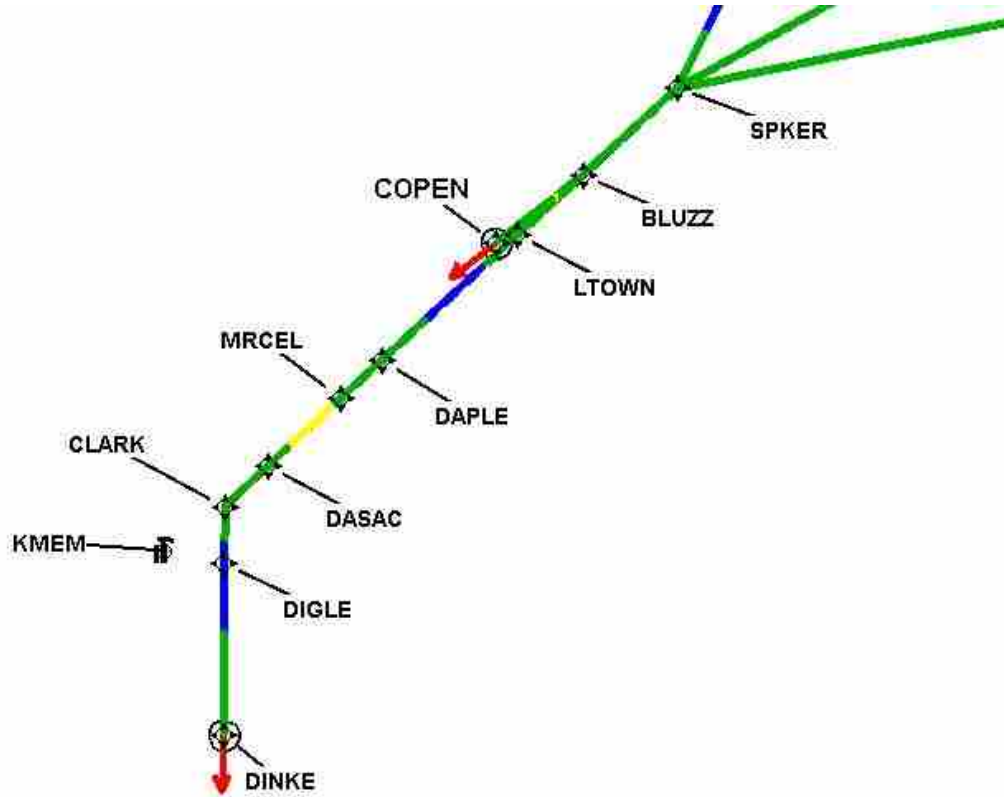
DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 1



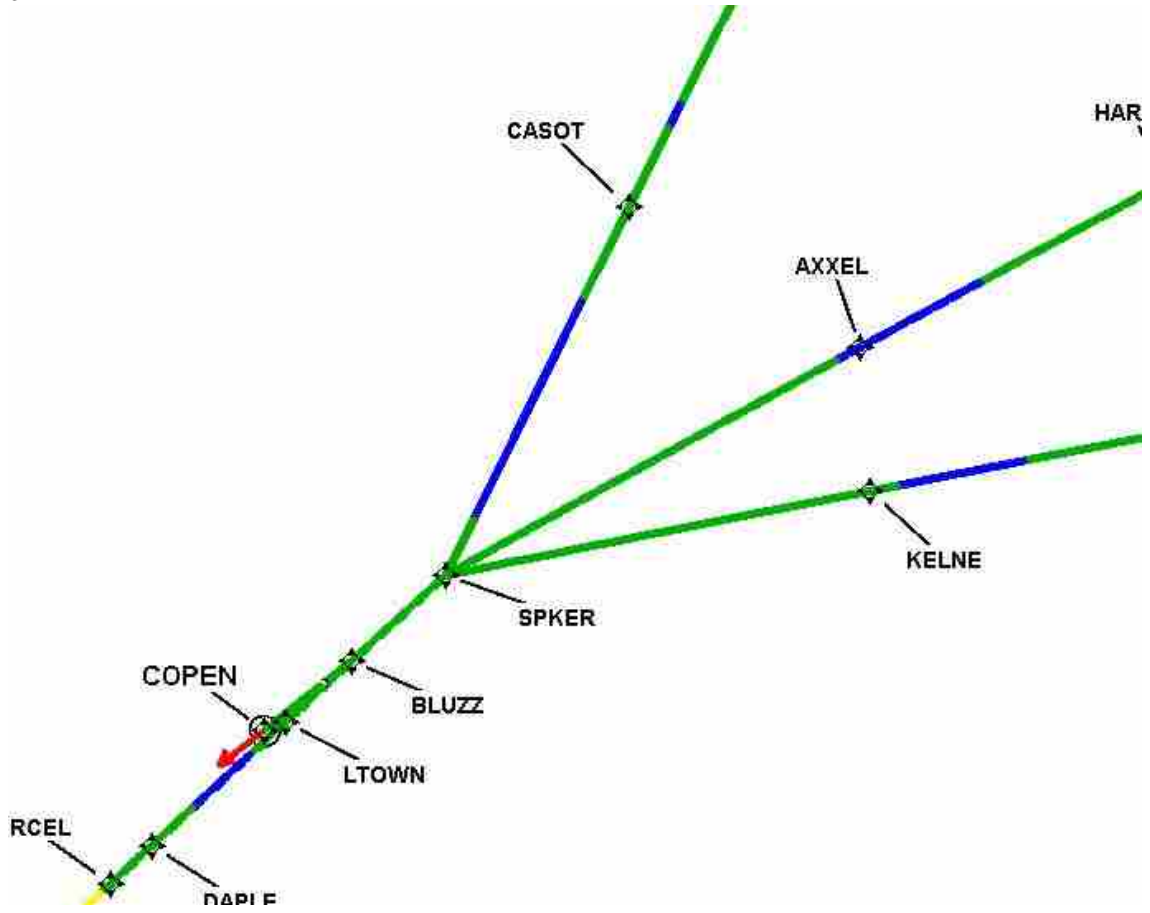
DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 2



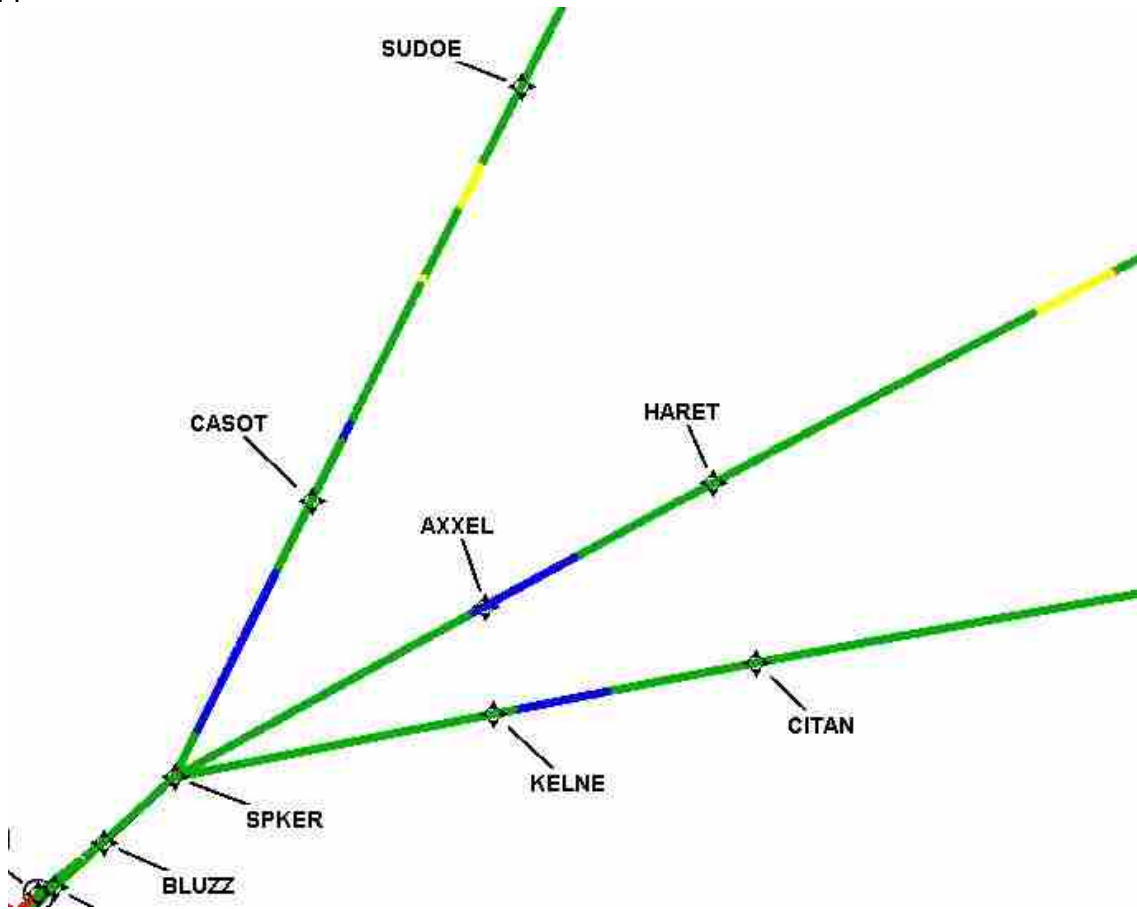
DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 3



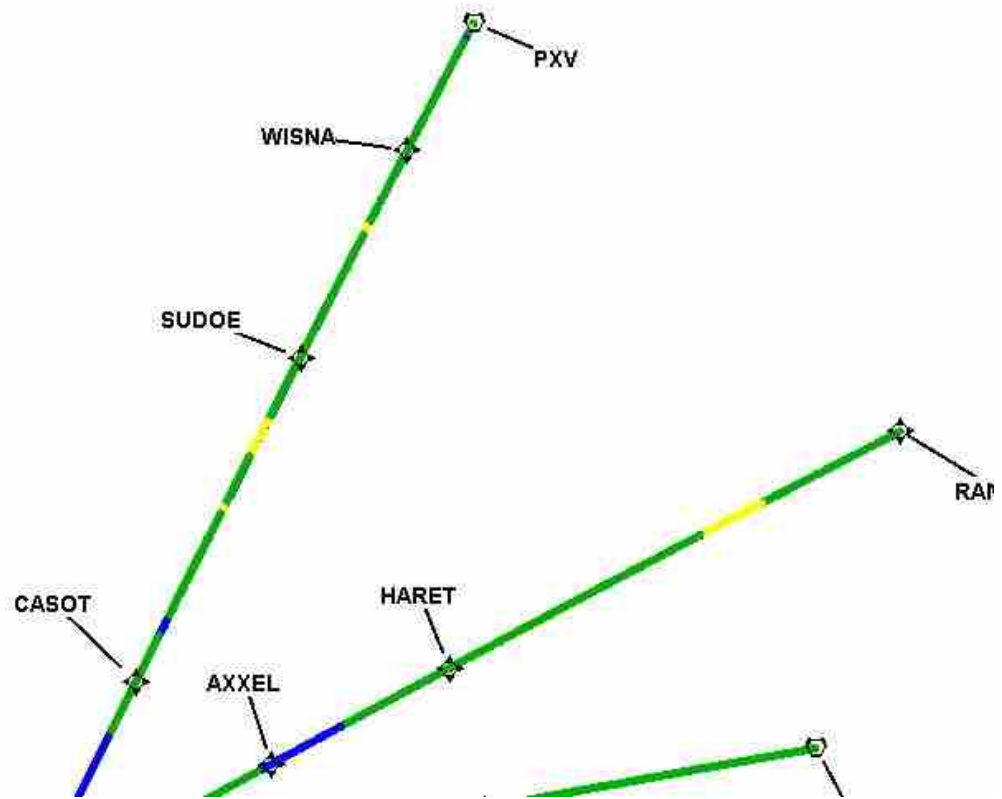
DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 4



DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 5



DME DME Assessment Results for BLUZZ4 path RAMRD_COPEN

Graphic Depiction 6

