

DME DME Assessment Results for KOLTS3 path SOCER_BREAK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	S:\530View\IPBN PROJECTS FOR SUBMISSION\KIND STARS 20261224\KOLTS\KIND KOLTS3 (RNAV) STAR_20261224.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KIND 20261224\STARS\JAKKS3 STAR\KIND [IFPA] KOLTS3 20260618_0935 EDT\SOCER_BREAK\KIND KOLTS3 RNAV STAR SOCER BREAK 20260618_0935 EDT.pdf
Procedure Name:	KOLTS3
Software: DmeDmePlugin:	8.0.0
Date/Time:	06/18/2026 09:35 EDT
Databases:	MITRE 3DEP 3 arcsec

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
SOCER	WP	N39° 50' 34.1314", W089° 56' 00.4292"	12000	VNAV	280	FLY_BY	TF
JAAVE	WP	N39° 50' 25.8900", W088° 15' 17.0000"	3100	VNAV	280	FLY_BY	TF
KOLTS	WP	N39° 50' 27.1800", W088° 05' 31.5200"	2600	VNAV	280	FLY_BY	TF
GARTE	WP	N39° 50' 26.2500", W087° 33' 27.0500"	2600	VNAV	280	FLY_BY	TF
KNIDY	WP	N39° 50' 41.5537", W086° 58' 51.3697"	2600	VNAV	280	FLY_BY	TF
CIRGO	WP	N39° 50' 47.2600", W086° 52' 32.0800"	2600	VNAV	250	FLY_BY	TF
EKEKE	WP	N39° 50' 50.3000", W086° 42' 08.8800"	2600	VNAV	250	FLY_BY	TF
CIBOV	WP	N39° 51' 26.6600", W086° 27' 05.4300"	2600	VNAV	230	FLY_BY	TF
PETYN_	WP	N39° 47' 29.8600", W086° 21' 51.4200"	2600	VNAV	210	FLY_BY	TF
BREAK	WP	N39° 50' 35.0681", W086° 17' 53.1894"	2600	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIND [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 KOLTS3 path SOCER_BREAK

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, TACAN
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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	IJX	N39° 46' 35.4757", W090° 14' 18.9790"	0.0 E	25	T		NO	Enabled	5.5 %	5.6 %
2	CSX	N38° 45' 09.8799", W090° 21' 39.4546"	0.0 E	130	DL		NO	Enabled	6.5 %	6.7 %
3	MTO	N39° 28' 40.4100", W088° 17' 10.3500"	0.0 E	40	L		NO	Enabled	34.7 %	35.7 %
4	TTH	N39° 29' 20.1835", W087° 14' 56.4636"	2.0 E	130	H		NO	Enabled	4.7 %	4.8 %
5	AXC	N39° 44' 15.0773", W088° 51' 23.1534"	3.0 E	130	H		NO	Enabled	27.1 %	27.9 %
6	SPI	N39° 50' 23.0394", W089° 40' 39.8488"	1.0 W	130	H		NO	Enabled	5 %	5.2 %
7	DNV	N40° 17' 37.5586", W087° 33' 26.1366"	2.0 E	40	L		NO	Enabled	22.1 %	22.8 %
8	SAM	N38° 29' 06.6770", W088° 05' 08.9030"	0.0 E	130	DH		NO	Enabled	0.1 %	0.1 %
9	CMI	N40° 02' 04.3125", W088° 16' 33.8718"	3.0 E	40	L		NO	Enabled	42 %	43.2 %
10	BMI	N40° 28' 50.8969", W088° 55' 52.5591"	0.0 E	40	L		NO	Enabled	0.3 %	0.3 %
11	VHP	N39° 48' 53.0246", W086° 22' 02.9992"	1.0 E	130	H		NO	Enabled	5.7 %	5.9 %

DME DME Assessment Results for KOLTS3 path SOCER_BREAK

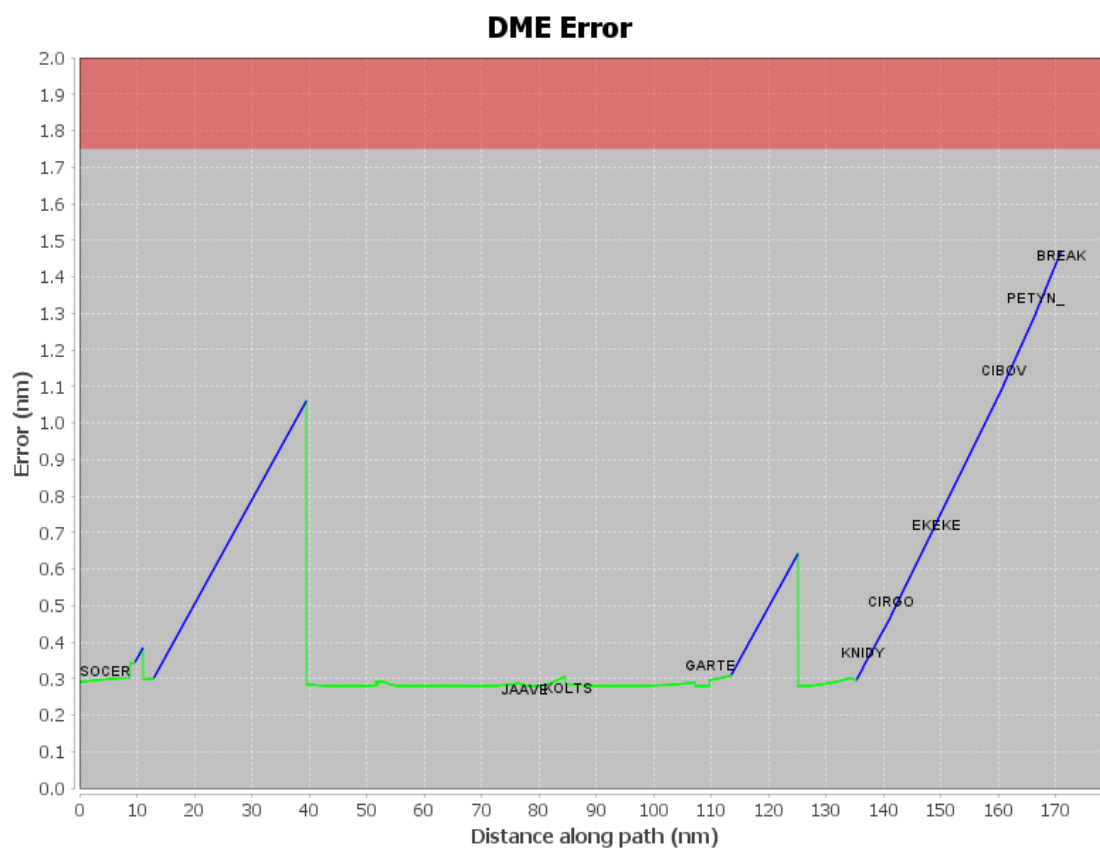
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SPI	CSX	IJX	SAM		
0.3	SPI	CSX	IJX			
6.8	IJX	CSX				
9.7						
11.1	CSX	AXC				
13.0						
39.6	CMI	AXC				
45.7	CMI	AXC	MTO			
46.5	CMI	AXC	SPI	MTO		
48.0	MTO	CMI				
51.0	SPI	BMI	AXC	CMI	MTO	
51.6	SPI	AXC	MTO	CMI		
51.8	MTO	CMI	AXC			
84.6	DNV	CMI	AXC	MTO		
88.6	DNV	CMI	MTO			
106.8	DNV	CMI				
113.5						
125.2	TTH	VHP	DNV			
133.5	DNV	VHP				
135.4						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 50' 37.8899", W089° 43' 23.4938"	N39° 50' 38.3182", W089° 41' 34.4934"	1.3993
2	N39° 50' 38.8449", W089° 39' 09.1589"	N39° 50' 40.8553", W089° 04' 38.1073"	26.5862
3	N39° 50' 29.0124", W087° 28' 36.5924"	N39° 50' 36.3429", W087° 13' 28.8746"	11.6534
4	N39° 50' 41.1310", W087° 00' 16.0958"	N39° 50' 35.0681", W086° 17' 53.1894"	35.4697

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SOCER	JAAVE	IJX, CSX, MTO, AXC, SPI, SAM, CMI, BMI	
JAAVE	KOLTS	MTO, AXC, DNV, CMI	
KOLTS	GARTE	MTO, AXC, DNV, CMI	
GARTE	KNIDY	TTH, DNV, CMI, VHP	
KNIDY	CIRGO		
CIRGO	EKEKE		
EKEKE	CIBOV		
CIBOV	PETYN_		
PETYN_	BREAK		

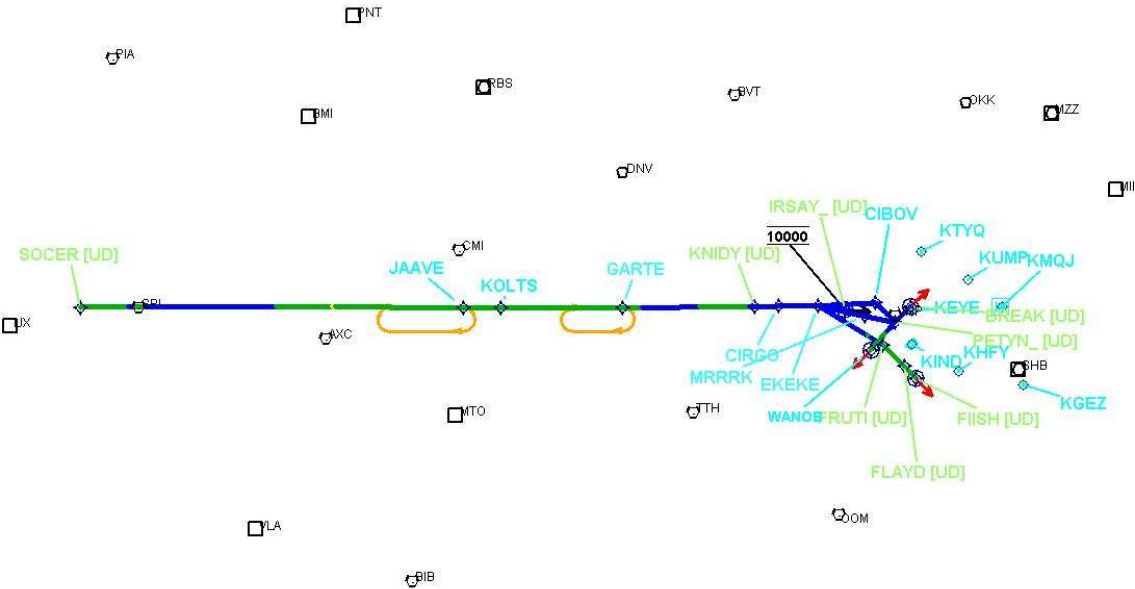
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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DME DME Assessment Results for KOLTS3 path SOCER_BREAK



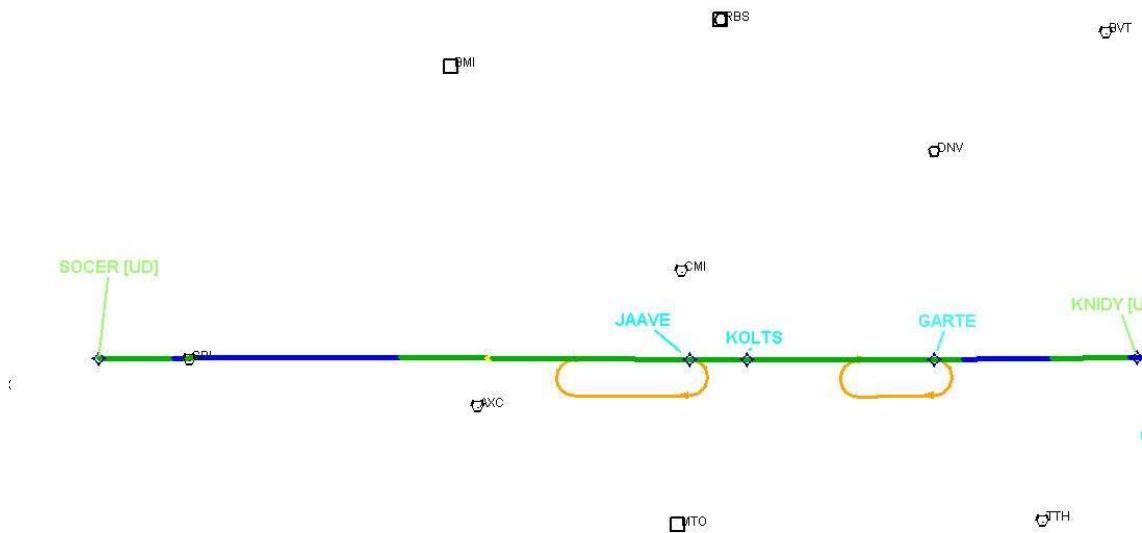
DME DME Assessment Results for KOLTS3 path SOCER_BREAK

Graphic Depiction 1



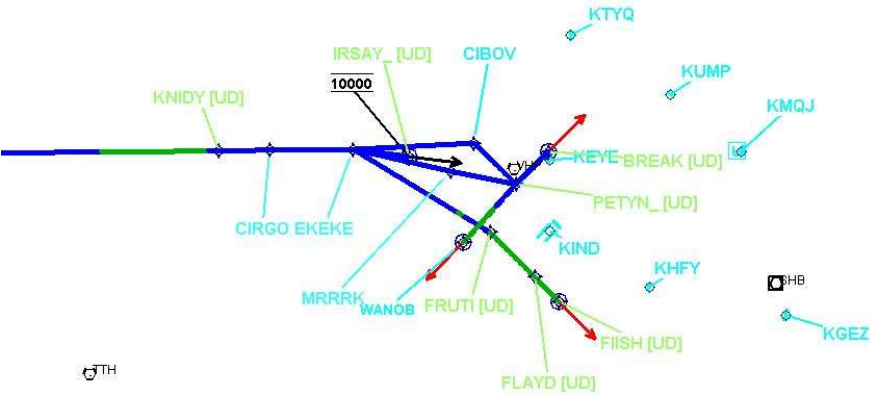
DME DME Assessment Results for KOLTS3 path SOCER_BREAK

Graphic Depiction 2



DME DME Assessment Results for KOLTS3 path SOCER_BREAK

Graphic Depiction 3



DME DME Assessment Results for KOLTS3 path EKEKE_FIISH

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	S:\530View\IPBN PROJECTS FOR SUBMISSION\KIND STARS 20261224\KOLTS\KIND KOLTS3 (RNAV) STAR_20261224.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KIND 20261224\STARS\JAKKS3 STAR\KIND [IFPA] KOLTS3 20260618_0935 EDT\EKEKE_FIISH\KIND KOLTS3 RNAV STAR EKEKE FIISH 20260618_0935 EDT.pdf
Procedure Name:	KOLTS3
Software: DmeDmePlugin:	8.0.0
Date/Time:	06/18/2026 09:35 EDT
Databases:	MITRE 3DEP 3 arcsec

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
EKEKE	WP	N39° 50' 50.3000", W086° 42' 08.8800"	2600	VNAV	250	FLY_BY	TF
FRUTI	WP	N39° 42' 54.0301", W086° 25' 07.1920"	2600	VNAV	230	FLY_BY	TF
FLAYD	WP	N39° 38' 39.3135", W086° 19' 34.2046"	2600	VNAV	210	FLY_BY	TF
FIISH	WP	N39° 36' 14.5361", W086° 16' 31.9692"	2600	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIND [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 KOLTS3 path EKEKE_FIISH

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, TACAN
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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SHB	N39° 37' 57.1525", W085° 49' 27.5388"	1.0 E	130	DH		NO	Enabled	43.5 %	40.8 %
2	VHP	N39° 48' 53.0246", W086° 22' 02.9992"	1.0 E	130	H		NO	Enabled	43.5 %	40.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
11.7	SHB	VHP				
12.4						
15.4	SHB	VHP				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 50' 50.3000", W086° 42' 08.8800"	N39° 44' 48.4773", W086° 29' 11.8556"	11.6593
2	N39° 44' 24.7359", W086° 28' 21.0579"	N39° 42' 54.0301", W086° 25' 07.1920"	2.9091

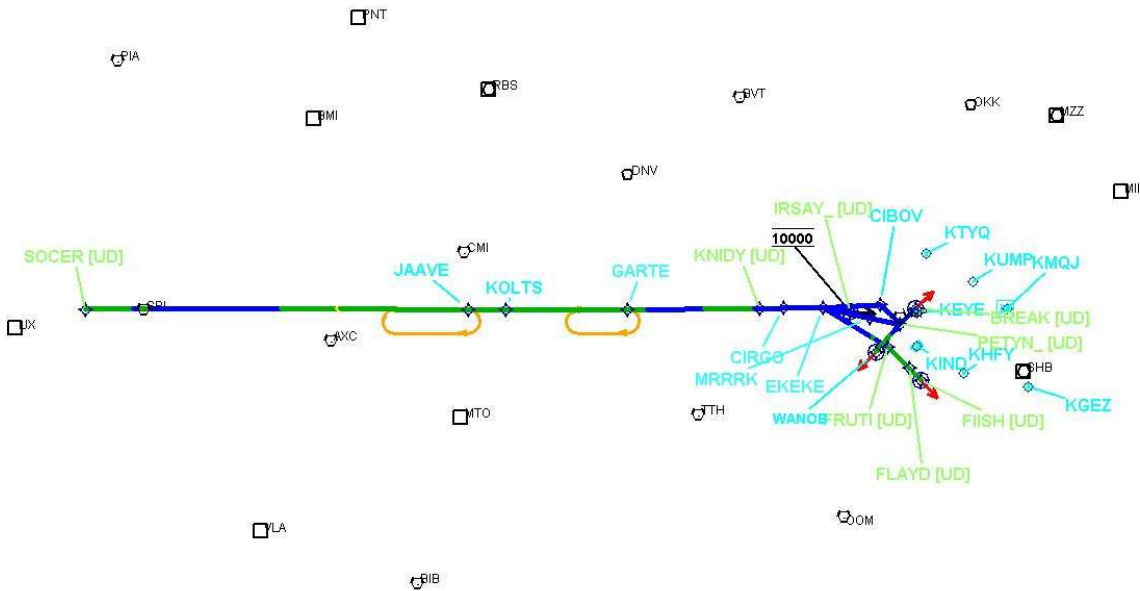
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EKEKE	FRUTI	SHB, VHP	
FRUTI	FLAYD	SHB, VHP	
FLAYD	FIISH	SHB, VHP	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								



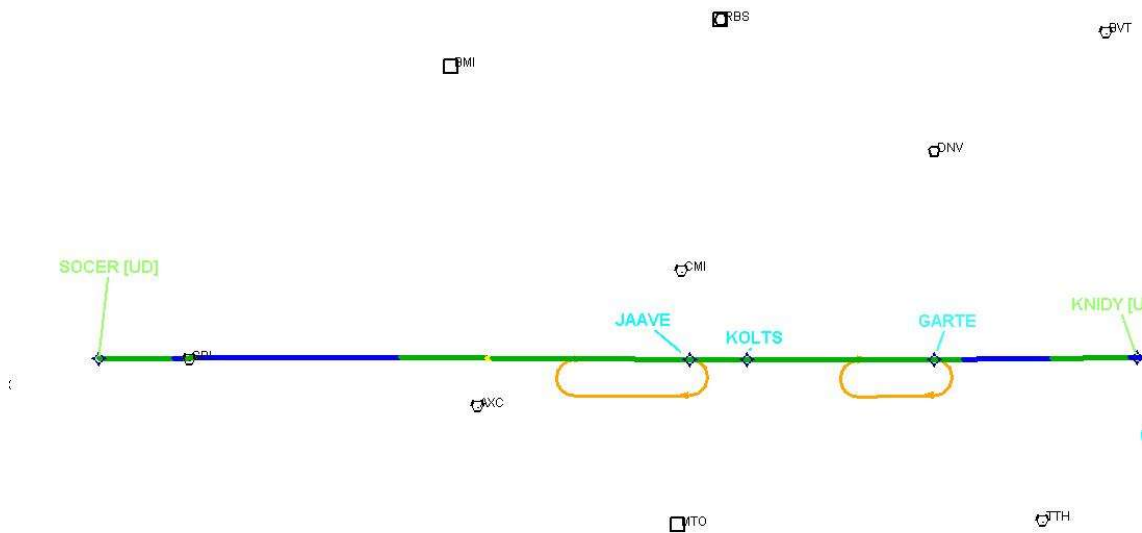
DME DME Assessment Results for KOLTS3 path EKEKE_FIISH

Graphic Depiction 1

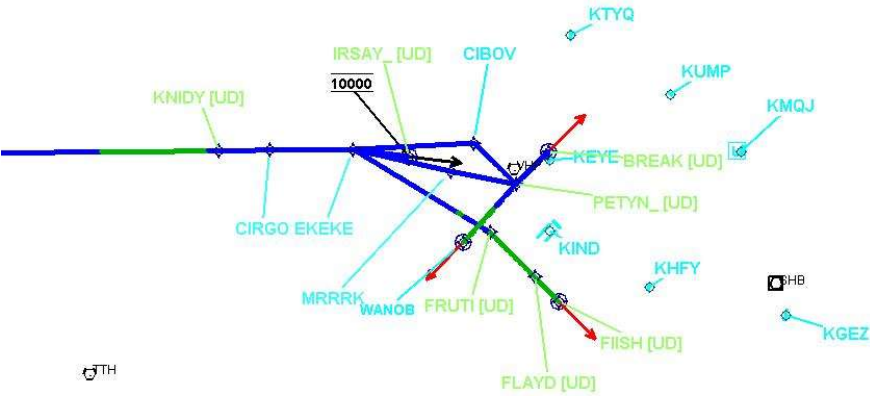


DME DME Assessment Results for KOLTS3 path EKEKE_FIISH

Graphic Depiction 2



Graphic Depiction 3



DME DME Assessment Results for KOLTS3 path EKEKE_IRSAY_

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	S:\530View\IPBN PROJECTS FOR SUBMISSION\KIND STARS 20261224\KOLTS\KIND KOLTS3 (RNAV) STAR_20261224.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KIND 20261224\STARS\JAKKS3 STAR\KIND [IFPA] KOLTS3 20260618_0935 EDT\EKEKE_IRSAY_ \KIND KOLTS3 RNAV STAR EKEKE IRSAY_20260618_0935 EDT.pdf
Procedure Name:	KOLTS3
Software: DmeDmePlugin:	8.0.0
Date/Time:	06/18/2026 09:35 EDT
Databases:	MITRE 3DEP 3 arcsec

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
EKEKE	WP	N39° 50' 50.3000", W086° 42' 08.8800"	2600	VNAV	250	FLY_BY	TF
IRSAY_	WP	N39° 50' 08.8452", W086° 35' 06.8009"	2600	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KIND [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 KOLTS3 path EKEKE_IRSAY_

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, TACAN
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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						

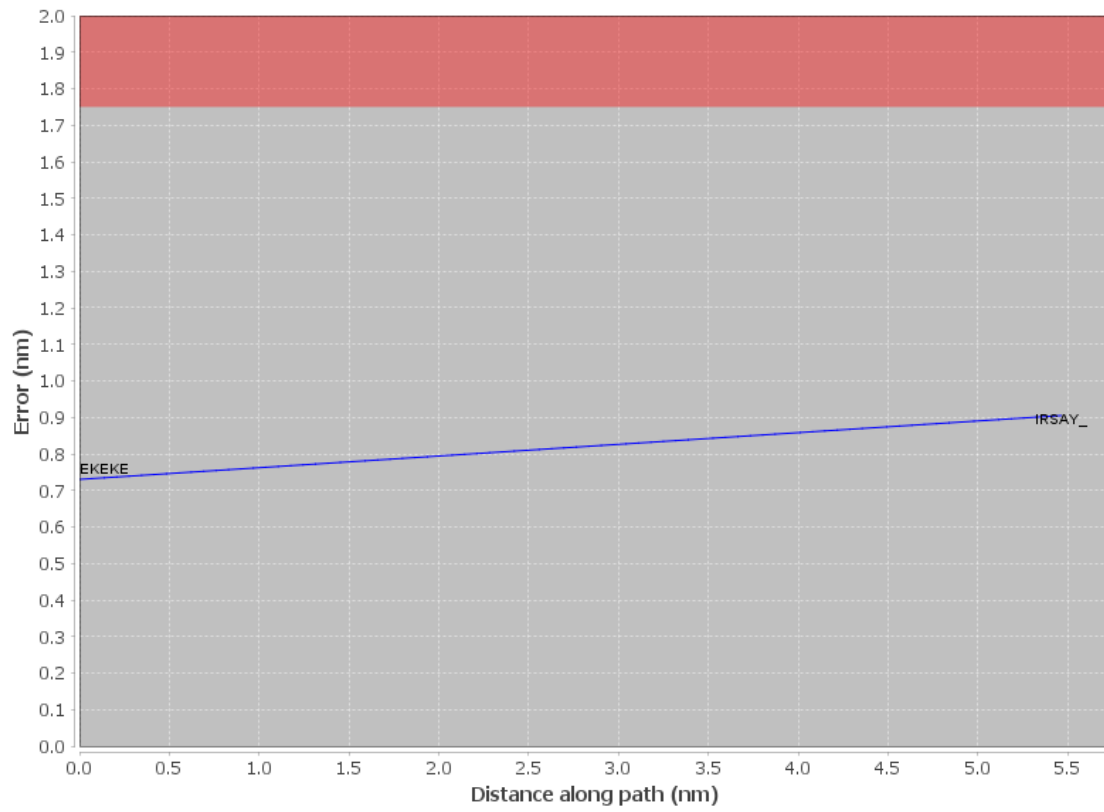
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 50' 50.3000", W086° 42' 08.8800"	N39° 50' 08.8452", W086° 35' 06.8009"	5.4623

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EKEKE	IRSAY_		

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

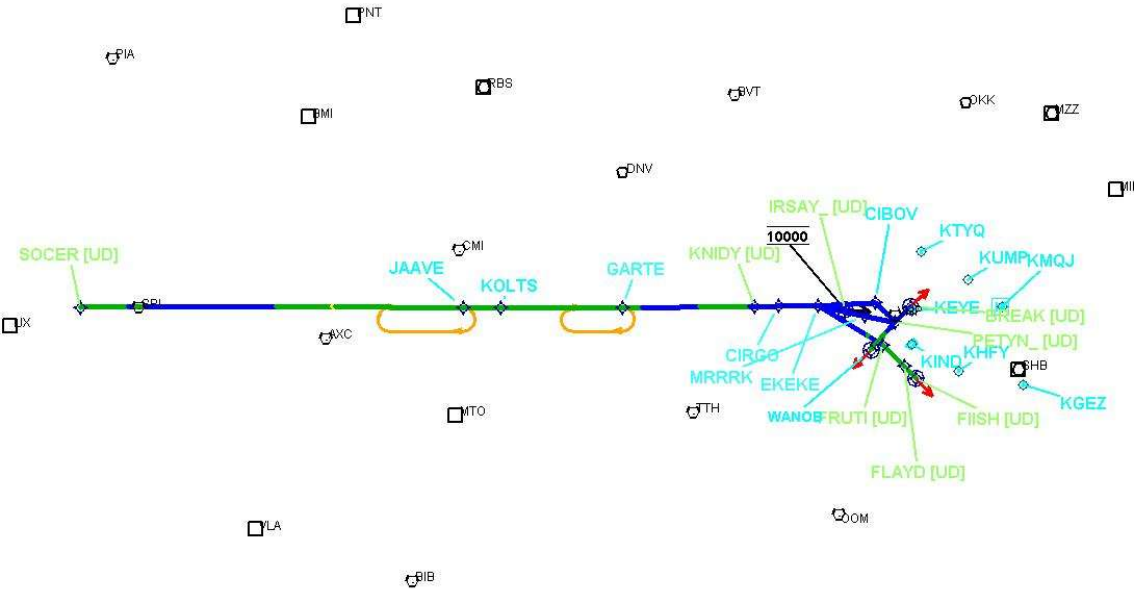
DME DME Assessment Results for KOLTS3 path EKEKE_IRSAY_

DME Error

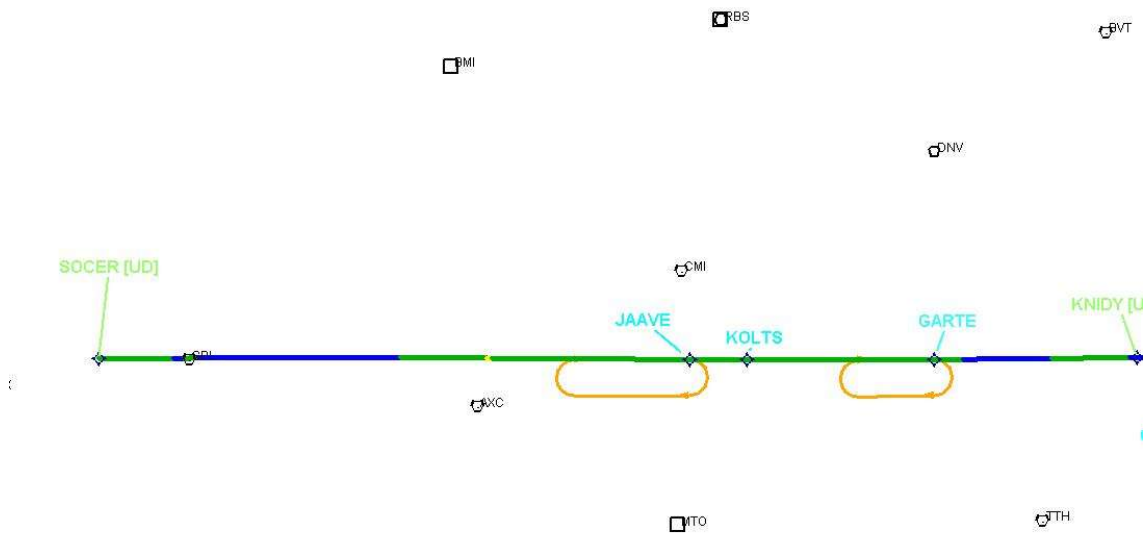


DME DME Assessment Results for KOLTS3 path EKEKE_IRSAY_

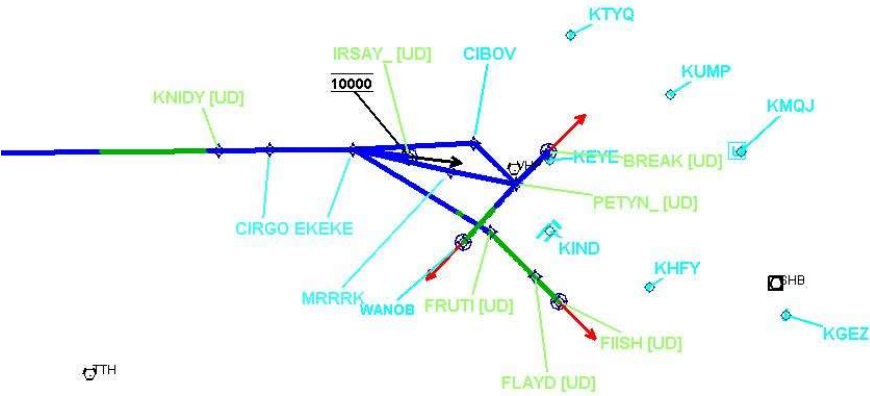
Graphic Depiction 1



Graphic Depiction 2



Graphic Depiction 3



DME DME Assessment Results for KOLTS3 path EKEKE_WANOB

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	S:\530View\PBN PROJECTS FOR SUBMISSION\KIND STARS 20261224\KOLTS\KIND KOLTS3 (RNAV) STAR_20261224.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KIND 20261224\STARS\JAKKS3 STAR\KIND [IFPA] KOLTS3 20260618_0935 EDT\EKEKE_WANOB\KIND KOLTS3 RNAV STAR EKEKE WANOB 20260618_0935 EDT.pdf
Procedure Name:	KOLTS3
Software: DmeDmePlugin:	8.0.0
Date/Time:	06/18/2026 09:35 EDT
Databases:	MITRE 3DEP 3 arcsec

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
EKEKE	WP	N39° 50' 50.3000", W086° 42' 08.8800"	2600	VNAV	250	FLY_BY	TF
MRRRK	WP	N39° 48' 44.3000", W086° 29' 57.3700"	2600	VNAV	230	FLY_BY	TF
PETYN_	WP	N39° 47' 29.8600", W086° 21' 51.4200"	2600	VNAV	210	FLY_BY	TF
WANOB	WP	N39° 41' 54.2500", W086° 28' 22.8100"	2600	VNAV	210	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KIND [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 KOLTS3 path EKEKE_WANOB

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, TACAN
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:	Not enabled
Disabled DMEs:	None

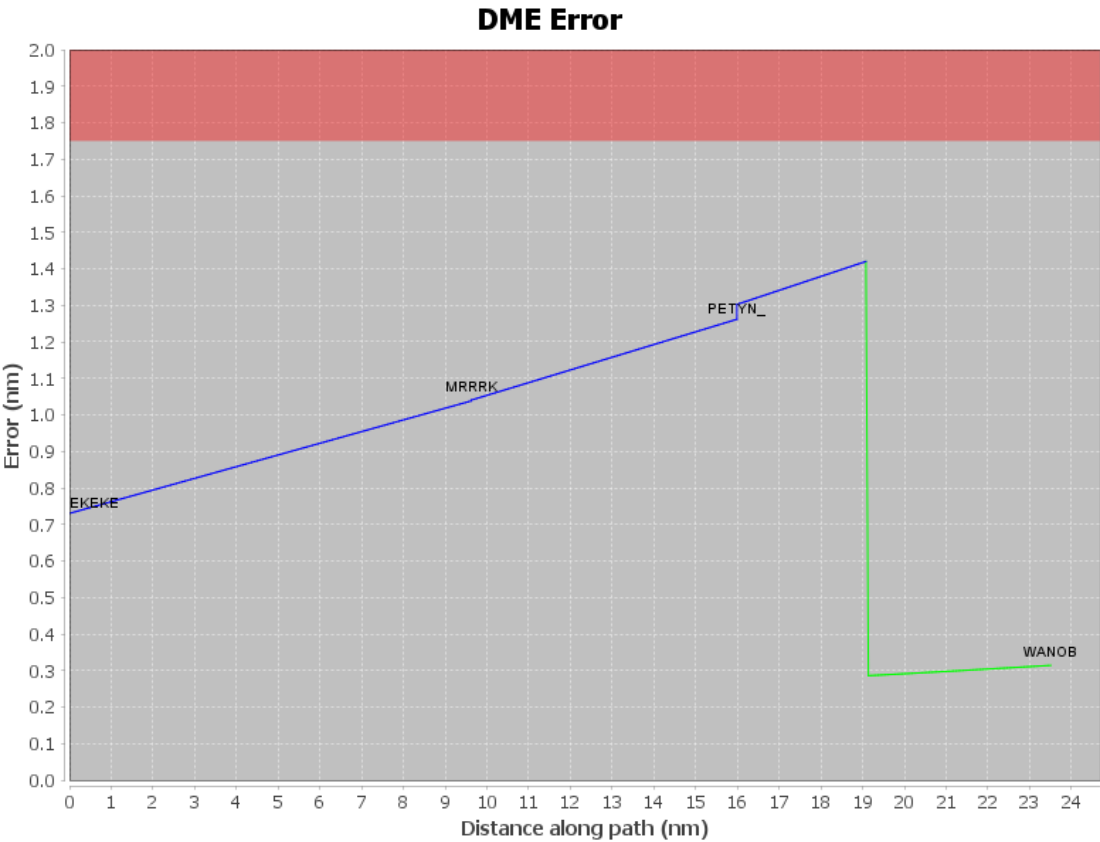
DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SHB	N39° 37' 57.1525", W085° 49' 27.5388"	1.0 E	130	DH		NO	Enabled	20.4 %	18.6 %
2	VHP	N39° 48' 53.0246", W086° 22' 02.9992"	1.0 E	130	H		NO	Enabled	20.4 %	18.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
19.1	SHB	VHP				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 50' 50.3000", W086° 42' 08.8800"	N39° 45' 09.4174", W086° 24' 35.3861"	19.0899

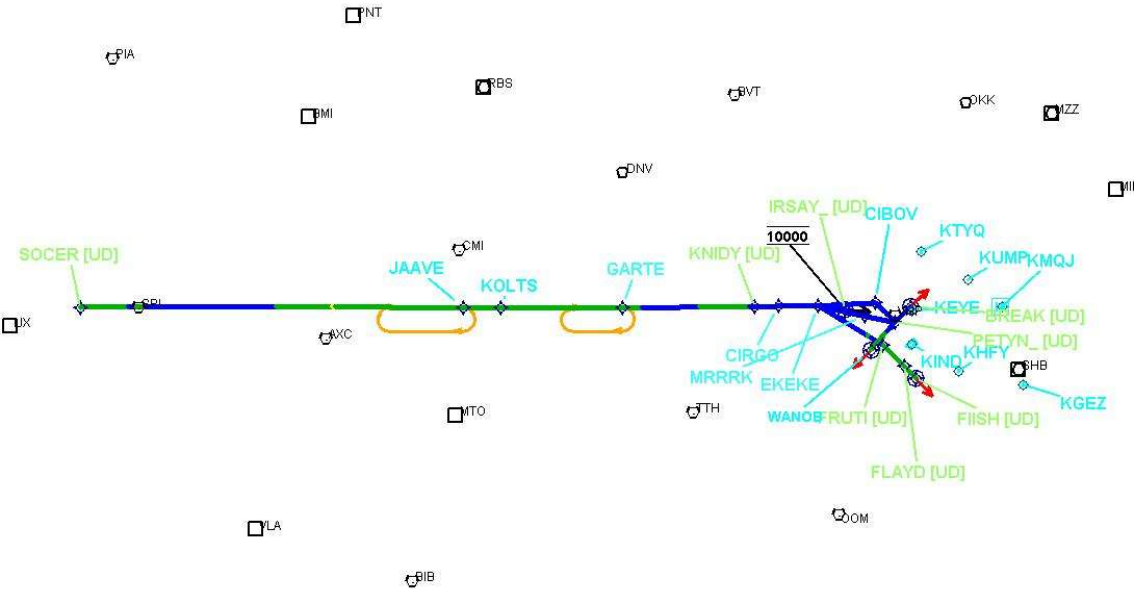
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EKEKE	MRRRK		
MRRRK	PETYN_		
PETYN_	WANOB	SHB, VHP	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								



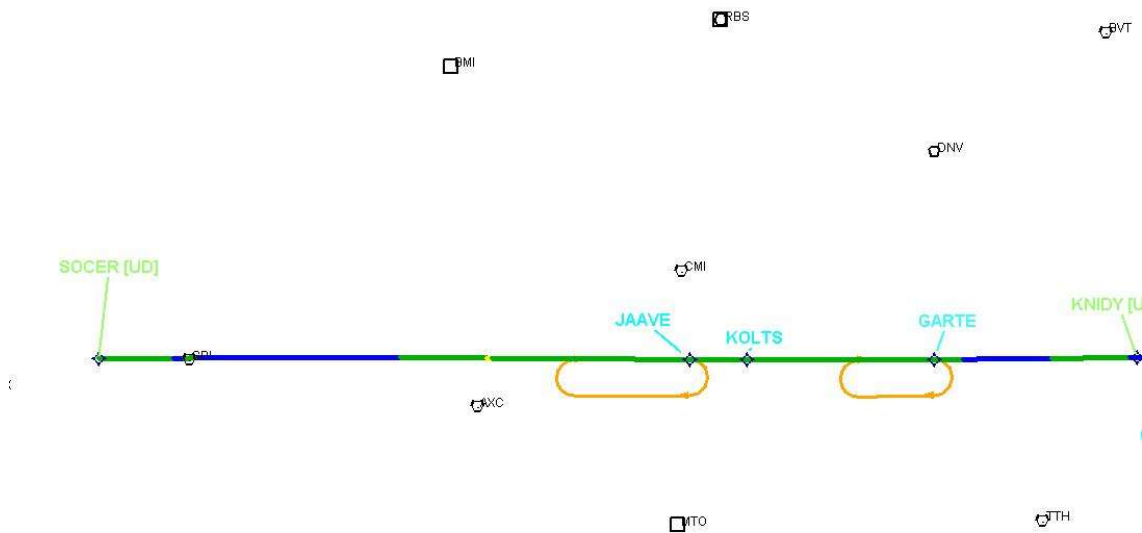
DME DME Assessment Results for KOLTS3 path EKEKE_WANOB

Graphic Depiction 1



DME DME Assessment Results for KOLTS3 path EKEKE_WANOB

Graphic Depiction 2



Graphic Depiction 3

