

DME DME Assessment Results for OLAKE3 path KPBI:RW10L:DER_SMGLR_

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\KPBI OLAKE3 (RNAV) SID v2 DME.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\DME\KPBI [IFPA] OLAKE3 20251009_0706 EDT\KPBI-RW10L-DER_SMGLR_\KPBI OLAKE3 SID RW10L SMGLR 20251009_0706 EDT.pdf
Procedure Name:	OLAKE3
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/09/2025 07:06 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
KPBI:RW10L:DER	WP	N26° 40' 54.7438", W080° 04' 40.0137"	16.4	VNAV	130	FLY_BY	TF
SMGLR_	WP	N26° 43' 03.2496", W079° 58' 32.8136"	2200	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KPBI [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 OLAKE3 path KPBI:RW10L:DER_SMGLR_

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:	Not 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
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Flight Check DME Selection

Distance [NM]	Selected DMEs	Alternate
0.0		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N26° 40' 54.6385", W080° 04' 37.6070"	N26° 43' 03.2496", W079° 58' 32.8136"	5.9543

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPBI:RW10L:DER	SMGLR_		

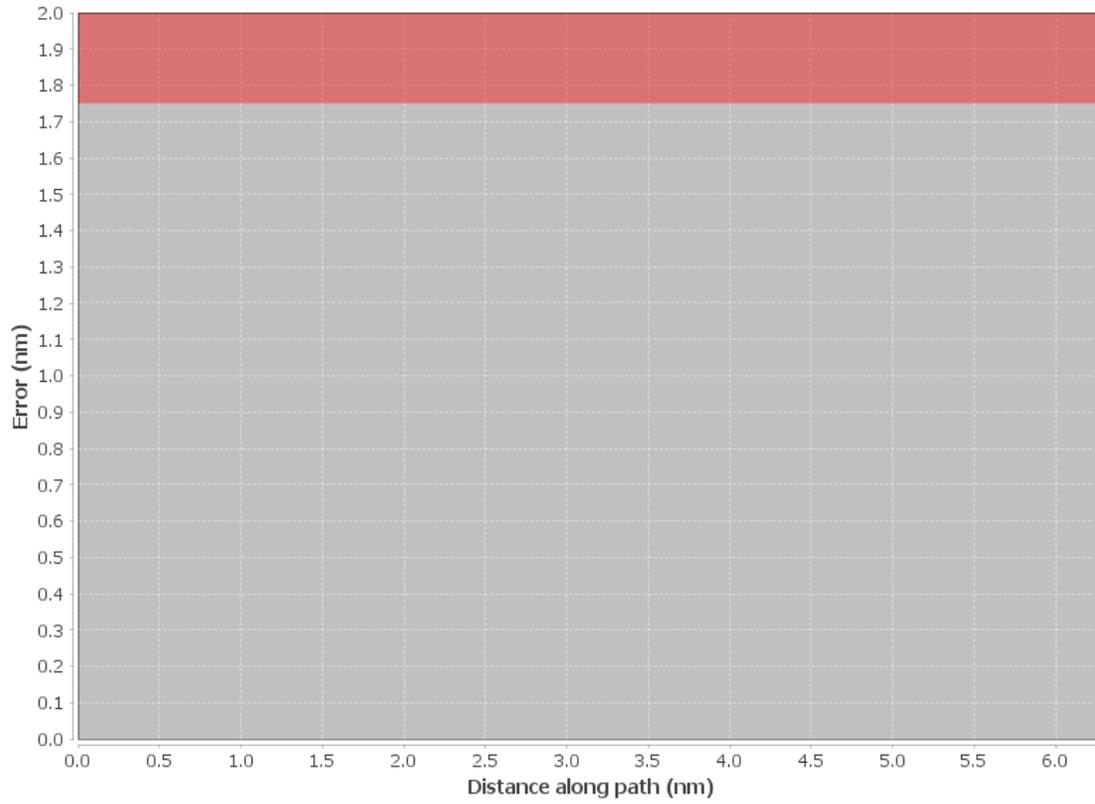
User Data Files

#	File Name
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User DMEs

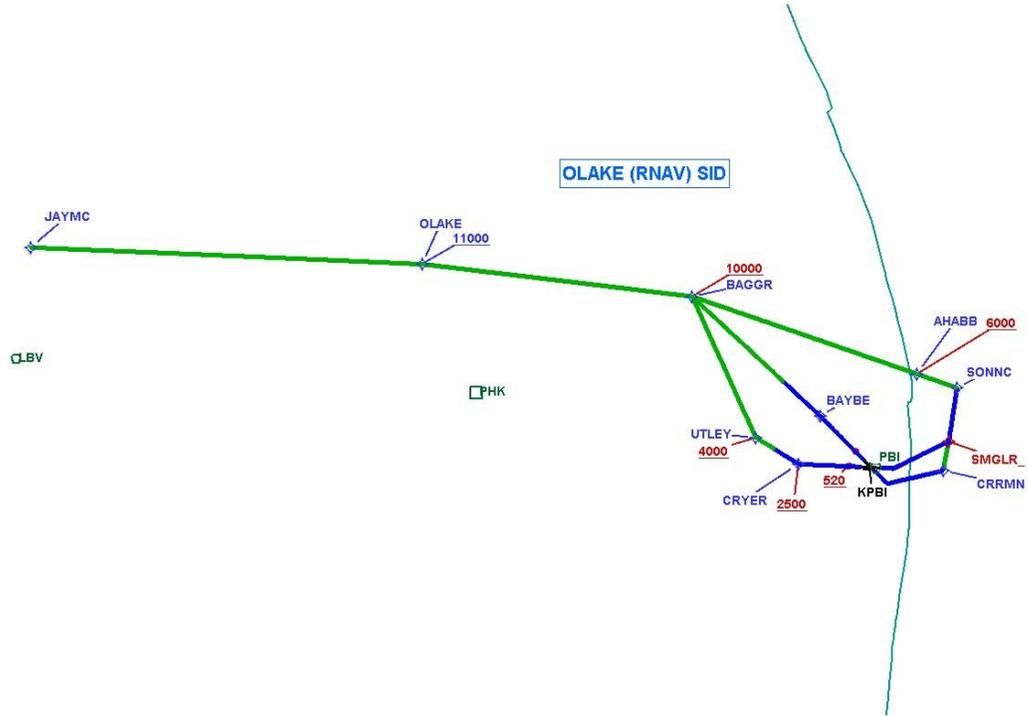
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
								None

DME Error



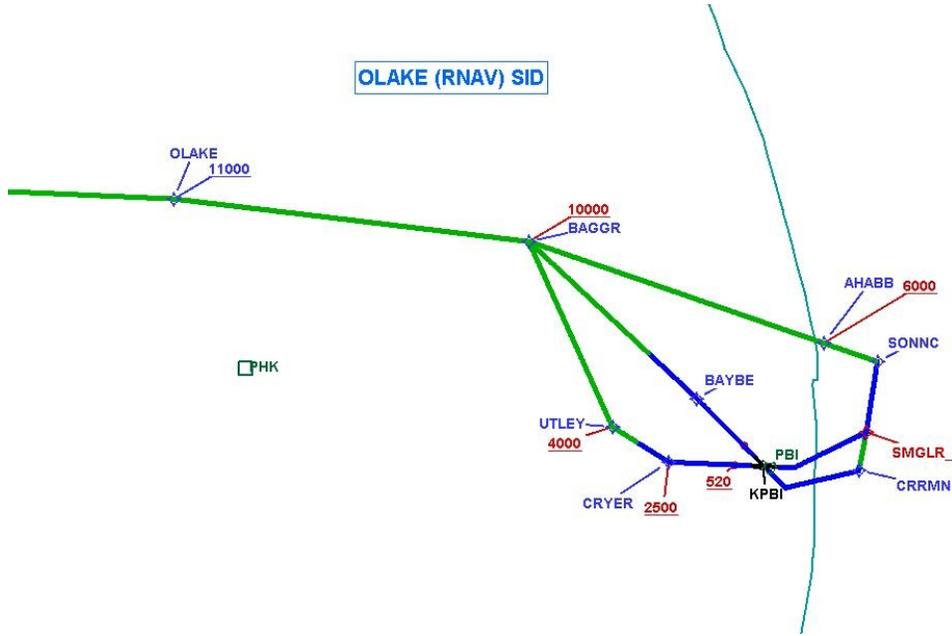
DME DME Assessment Results for OLAKE3 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 1



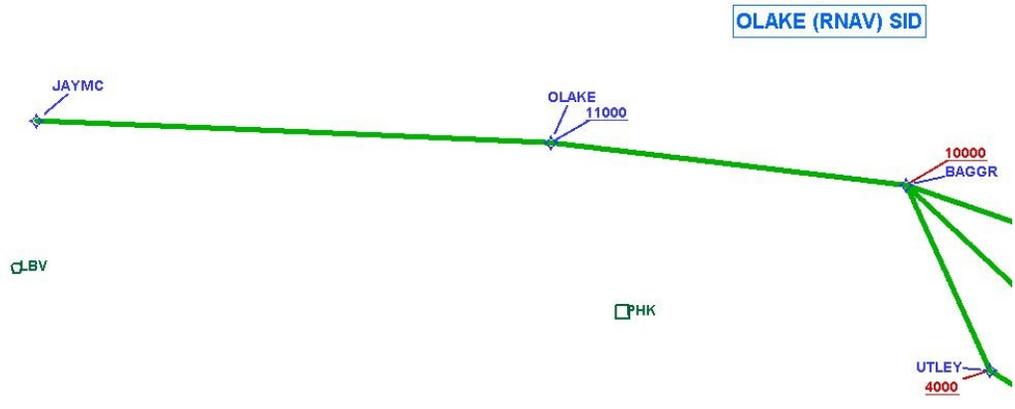
DME DME Assessment Results for OLAKE3 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 2



DME DME Assessment Results for OLAKE3 path KPBI:RW10L:DER_SMGLR_

Graphic Depiction 3



DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\KPBI OLAKE3 (RNAV) SID v2 DME.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\DME\KPBI [IFPA] OLAKE3 20251009_0706 EDT\KPBI-RW14-DER_JAYMC\KPBI OLAKE3 SID RW14 JAYMC 20251009_0706 EDT.pdf
Procedure Name:	OLAKE3
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/09/2025 07:06 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
KPBI:RW14:DER	WP	N26° 40' 41.9130", W080° 05' 20.6220"	15.8	VNAV	130	FLY_BY	TF
CRRMN	WP	N26° 40' 39.9600", W079° 59' 03.4700"	1800	VNAV	200	FLY_BY	TF
SMGLR_	WP	N26° 43' 03.2496", W079° 58' 32.8136"	2200	VNAV	200	FLY_BY	TF
SONNC	WP	N26° 47' 24.8200", W079° 57' 47.1500"	3080	VNAV	200	FLY_BY	TF
AHABB	WP	N26° 48' 32.7000", W080° 01' 26.8500"	6000	VNAV	200	FLY_BY	TF
BAGGR	WP	N26° 54' 51.3300", W080° 21' 54.7900"	10000	VNAV	200	FLY_BY	TF
OLAKE	WP	N26° 57' 29.7500", W080° 46' 31.2600"	11000	VNAV	200	FLY_BY	TF
JAYMC	WP	N26° 58' 51.0000", W081° 22' 08.0000"	17369.4	VNAV	240	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

Flyability	
Flight Type:	SID
Selected Airport:	KPBI [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not 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 Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LBV	N26° 49' 41.4660", W081° 23' 29.1780"	1.0 E	40	L		NO	Enabled	40.1 %	41 %
2	PHK	N26° 46' 57.8726", W080° 41' 29.1566"	0.0 E	130	DH		NO	Enabled	85.6 %	87.4 %
3	MLB	N28° 06' 19.1200", W080° 38' 06.4600"	7.0 W	130	DH		NO	Enabled	78.8 %	80.5 %
4	SRQ	N27° 24' 25.2558", W082° 33' 49.1847"	5.0 W	130	DH		NO	Enabled	51.3 %	52.4 %
5	VKZ	N25° 45' 06.8455", W080° 09' 15.9964"	4.0 W	130	DH		NO	Enabled	64.5 %	65.7 %
6	PBI	N26° 40' 48.1980", W080° 05' 11.3635"	3.0 W	130	H		NO	Enabled	62.1 %	63.5 %
7	LAL	N27° 59' 10.3098", W082° 00' 50.0557"	1.0 E	130	H		NO	Enabled	14.7 %	15.1 %
8	FLL	N26° 04' 26.1962", W080° 09' 59.1906"	6.0 W	130	H		NO	Enabled	17.2 %	17.7 %
9	RSW	N26° 31' 47.5921", W081° 46' 32.7666"	2.0 W	130	H		NO	Enabled	15.3 %	15.7 %
10	ORL	N28° 32' 33.8016", W081° 20' 06.0532"	0.0 E	130	H		NO	Enabled	14.8 %	15.3 %
11	DHP	N25° 47' 59.8659", W080° 20' 56.5263"	4.0 W	130	H		NO	Enabled	15.3 %	15.8 %
12	PIE	N27° 54' 27.9518", W082° 41' 03.5131"	5.0 W	130	H		NO	Enabled	10.8 %	11.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
6.4	FLL	PHK				
8.2						
13.1	PHK	PBI				
14.1	VKZ	PHK	PBI			
17.5	VKZ	PHK	PBI	MLB		
42.7	PHK	PBI	VKZ	MLB	SRQ	
56.0	LBV	PHK	MLB	VKZ	SRQ	
73.1	MLB	PHK	SRQ	LBV		
75.6	MLB	PHK	LBV	FLL	DHP	SRQ

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 40' 40.3758", W080° 05' 18.9216"	N26° 40' 52.9864", W079° 59' 00.6839"	6.3779
2	N26° 42' 37.1972", W079° 58' 38.3891"	N26° 47' 24.8200", W079° 57' 47.1500"	4.8548

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPBI:RW14:DER	CRRMN		
CRRMN	SMGLR_	PHK, FLL	
SMGLR_	SONNC		
SONNC	AHABB	PHK, VKZ, PBI	
AHABB	BAGGR	PHK, MLB, VKZ, PBI	
BAGGR	OLAKE	LBV, MLB, PHK, SRQ, VKZ, PBI	
OLAKE	JAYMC	LBV, MLB, PHK, SRQ, VKZ, PBI, LAL, FLL, RSW, ORL, DHP, PIE	

DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

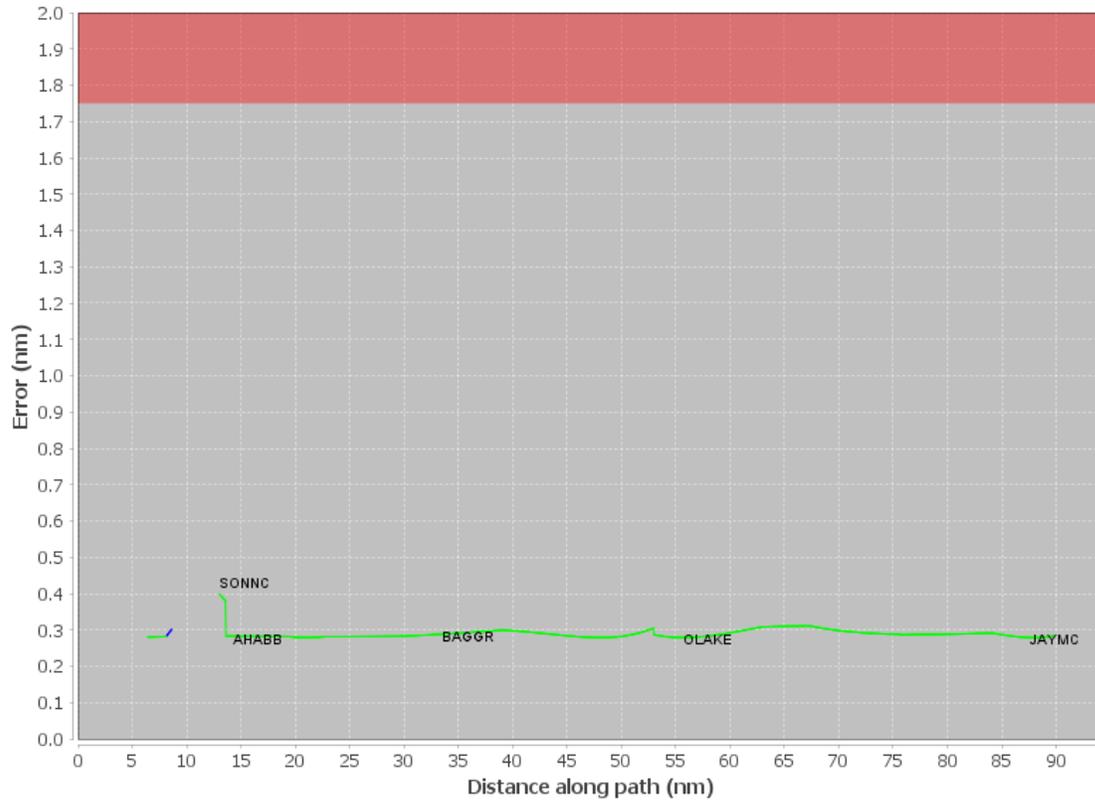
User Data Files

#	File Name
None	

User DMEs

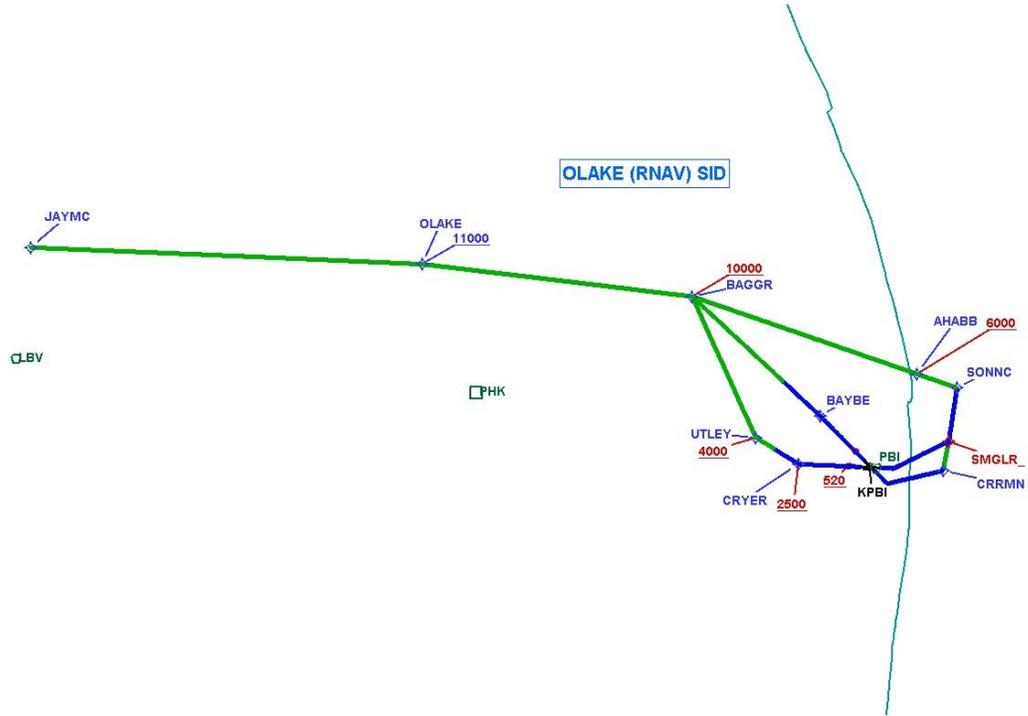
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME Error



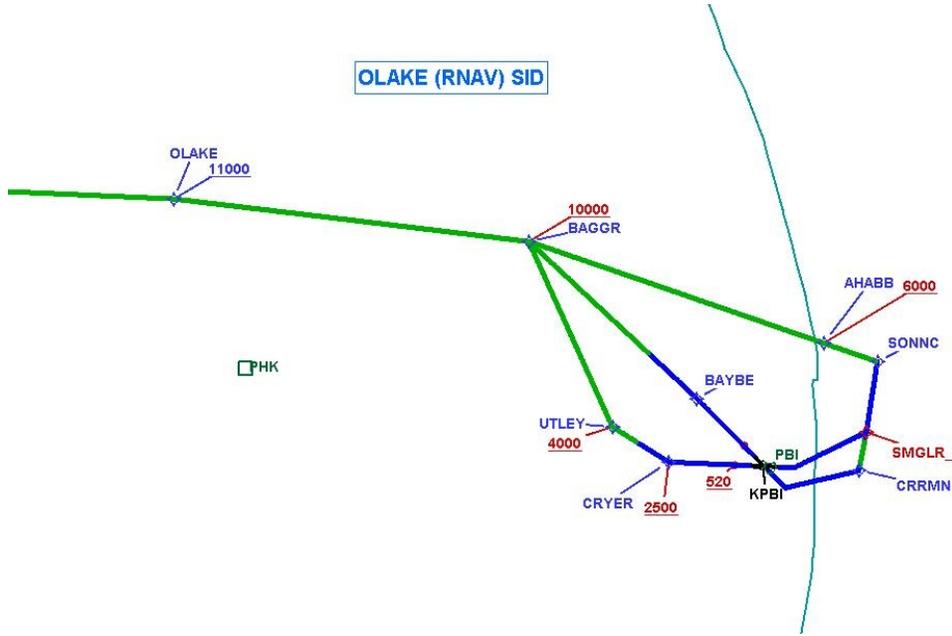
DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

Graphic Depiction 1



DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

Graphic Depiction 2



DME DME Assessment Results for OLAKE3 path KPBI:RW14:DER_JAYMC

Graphic Depiction 3



DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\KPBI OLAKE3 (RNAV) SID v2 DME.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\DME\KPBI [IFPA] OLAKE3 20251009_0706 EDT\KPBI-RW28R-DER_BAGGR\KPBI OLAKE3 SID RW28R BAGGR 20251009_0706 EDT.pdf
Procedure Name:	OLAKE3
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/09/2025 07:06 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
KPBI:RW28R:DER	WP	N26° 40' 59.5493", W080° 06' 30.1296"	19.6	VNAV	130	FLY_OVER	TF
CRYER	WP	N26° 41' 12.9000", W080° 12' 15.1000"	2500	VNAV	200	FLY_BY	TF
UTLEY	WP	N26° 43' 22.8900", W080° 16' 07.4600"	4000	VNAV	200	FLY_BY	TF
BAGGR	WP	N26° 54' 51.3300", W080° 21' 54.7900"	10000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KPBI [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 OLAKE3 path KPBI:RW28R:DER_BAGGR

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:	Not 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	PHK	N26° 46' 57.8726", W080° 41' 29.1566"	0.0 E	130	DH		NO	Enabled	61.8 %	66.1 %
2	MLB	N28° 06' 19.1200", W080° 38' 06.4600"	7.0 W	130	DH		NO	Enabled	38.5 %	41.2 %
3	VKZ	N25° 45' 06.8455", W080° 09' 15.9964"	4.0 W	130	DH		NO	Enabled	61.8 %	66.1 %
4	PBI	N26° 40' 48.1980", W080° 05' 11.3635"	3.0 W	130	H		NO	Enabled	61.8 %	66.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
7.4	VKZ	PHK	PBI			
12.8	VKZ	PHK	MLB	PBI		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 40' 59.6535", W080° 06' 32.5210"	N26° 42' 24.9346", W080° 14' 23.8219"	7.3707

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPBI:RW28R:DER	CRYER		
CRYER	UTLEY	PHK, VKZ, PBI	
UTLEY	BAGGR	PHK, MLB, VKZ, PBI	

DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

User Data Files

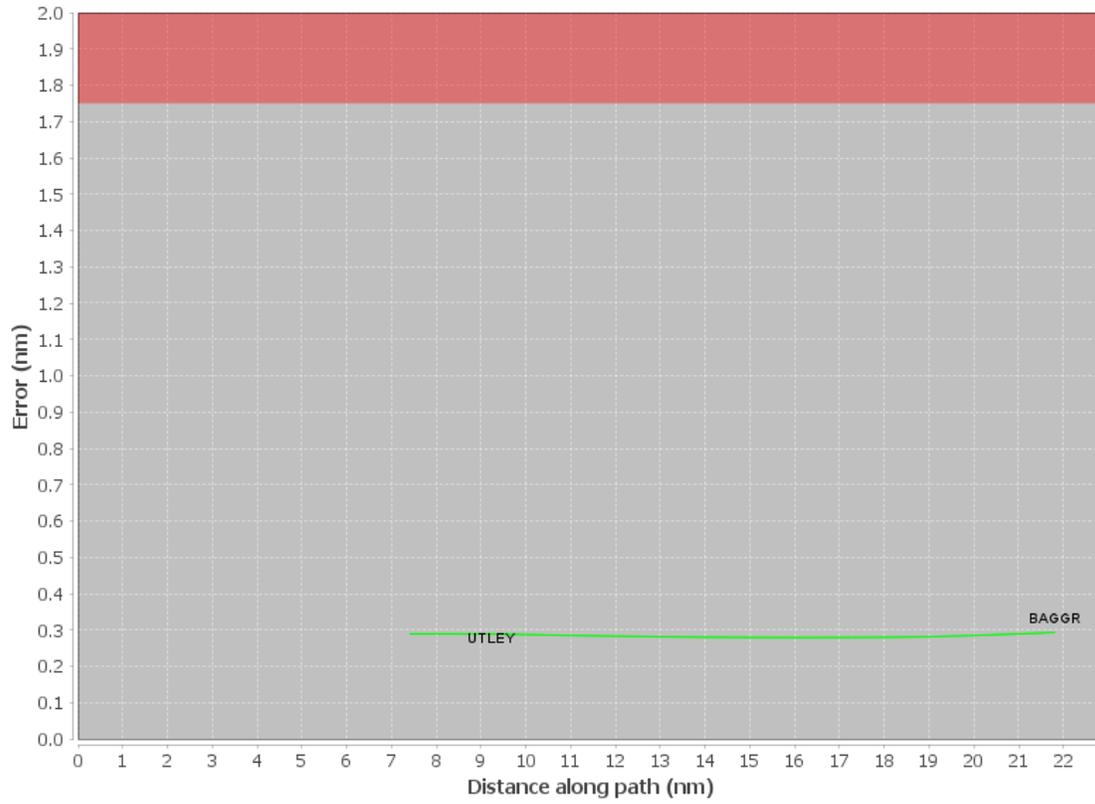
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

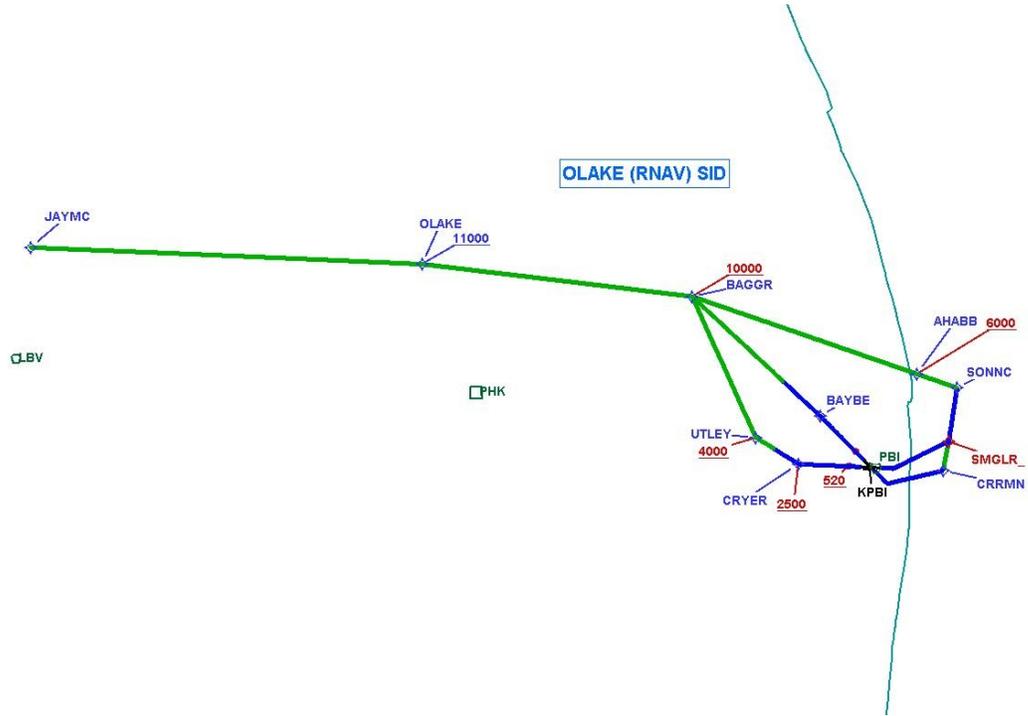
DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

DME Error



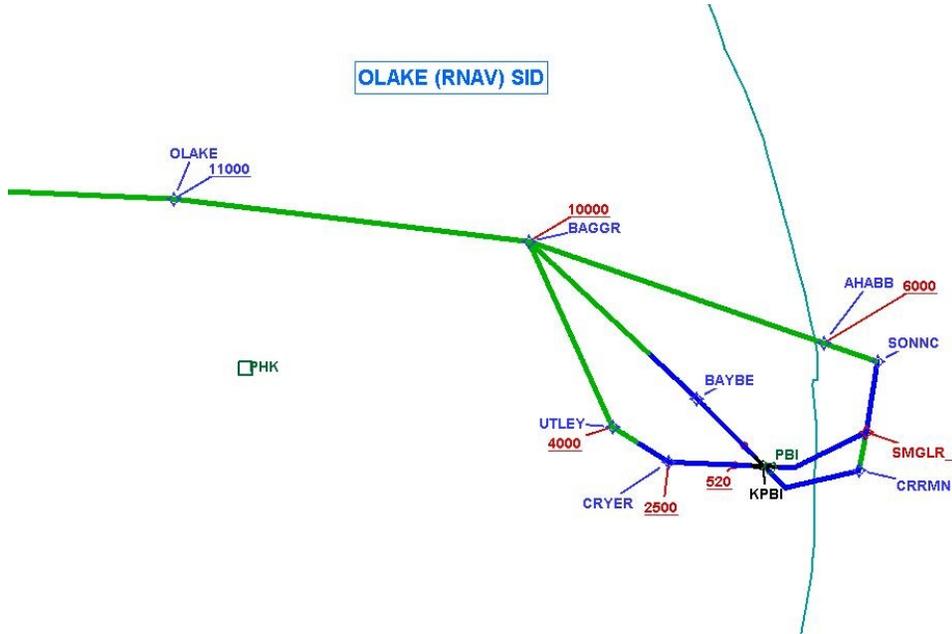
DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

Graphic Depiction 1



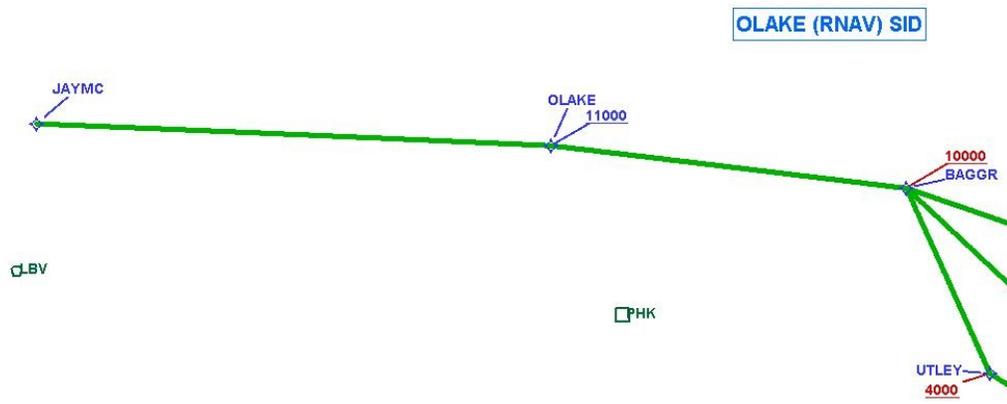
DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

Graphic Depiction 2



DME DME Assessment Results for OLAKE3 path KPBI:RW28R:DER_BAGGR

Graphic Depiction 3



DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\KPBI OLAKE3 (RNAV) SID v2 DME.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KPBI\KPBI OLAKE3 (RNAV) SID\DME\KPBI [IFPA] OLAKE3 20251009_0706 EDT\KPBI-RW32-DER_BAGGR\KPBI OLAKE3 SID RW32 BAGGR 20251009_0706 EDT.pdf
Procedure Name:	OLAKE3
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/09/2025 07:06 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
KPBI:RW32:DER	WP	N26° 41' 30.5960", W080° 06' 14.4820"	17	VNAV	130	FLY_OVER	TF
BAYBE	WP	N26° 45' 07.5200", W080° 10' 15.7400"	1337.8	VNAV	200	FLY_BY	TF
BAGGR	WP	N26° 54' 51.3300", W080° 21' 54.7900"	10000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KPBI [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 OLAKE3 path KPBI:RW32:DER_BAGGR

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:	Not 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	PHK	N26° 46' 57.8726", W080° 41' 29.1566"	0.0 E	130	DH		NO	Enabled	49 %	52.7 %
2	MLB	N28° 06' 19.1200", W080° 38' 06.4600"	7.0 W	130	DH		NO	Enabled	35.2 %	37.8 %
3	VKZ	N25° 45' 06.8455", W080° 09' 15.9964"	4.0 W	130	DH		NO	Enabled	49 %	52.7 %
4	PBI	N26° 40' 48.1980", W080° 05' 11.3635"	3.0 W	130	H		NO	Enabled	29.6 %	31.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
9.1	VKZ	PHK				
12.0	VKZ	PHK	MLB			
13.2	VKZ	PHK	MLB	PBI		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 41' 32.1294", W080° 06' 16.1787"	N26° 47' 53.4481", W080° 13' 34.1005"	9.1053

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPBI:RW32:DER	BAYBE		
BAYBE	BAGGR	PHK, MLB, VKZ, PBI	

DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

User Data Files

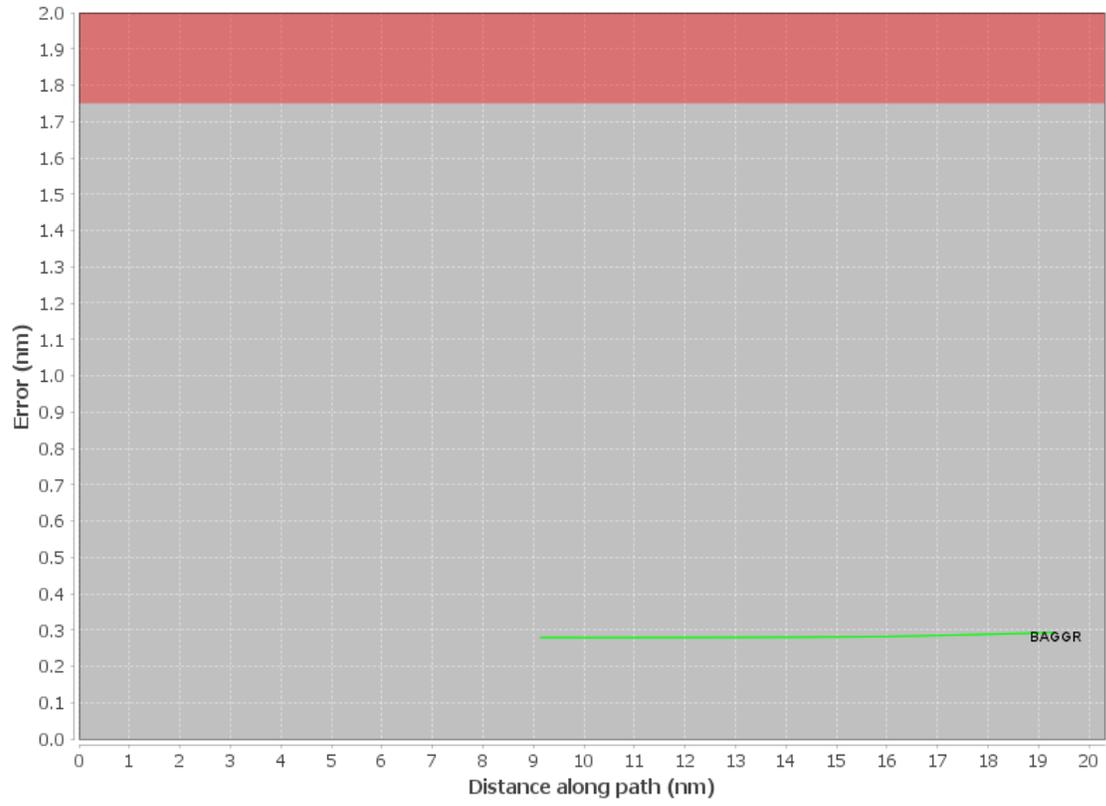
#	File Name
None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

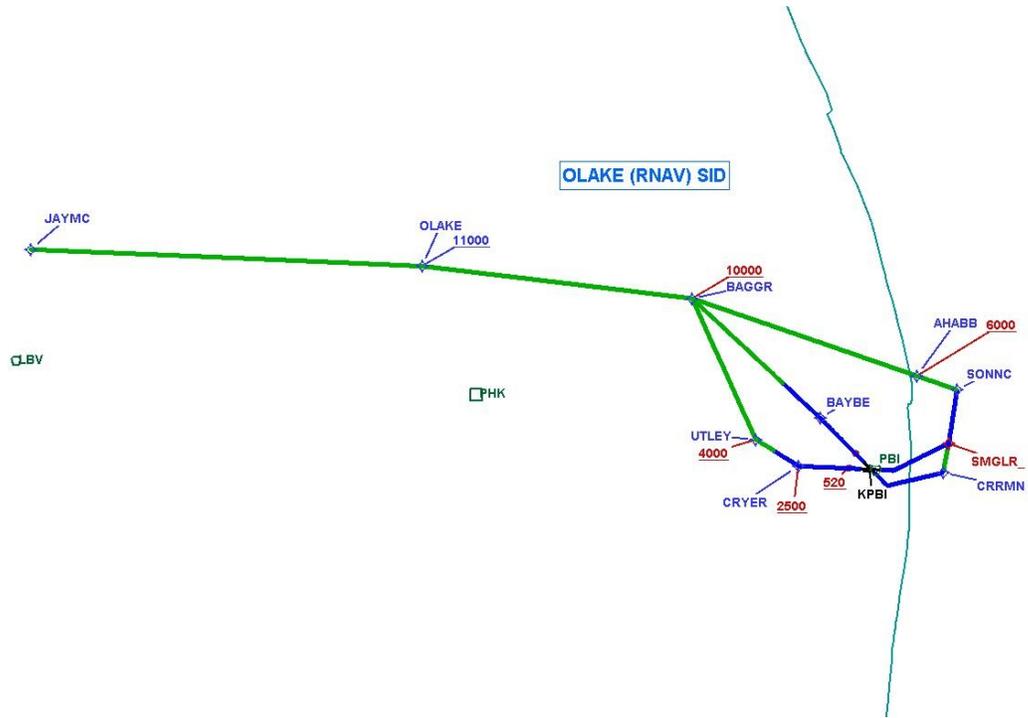
DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

DME Error



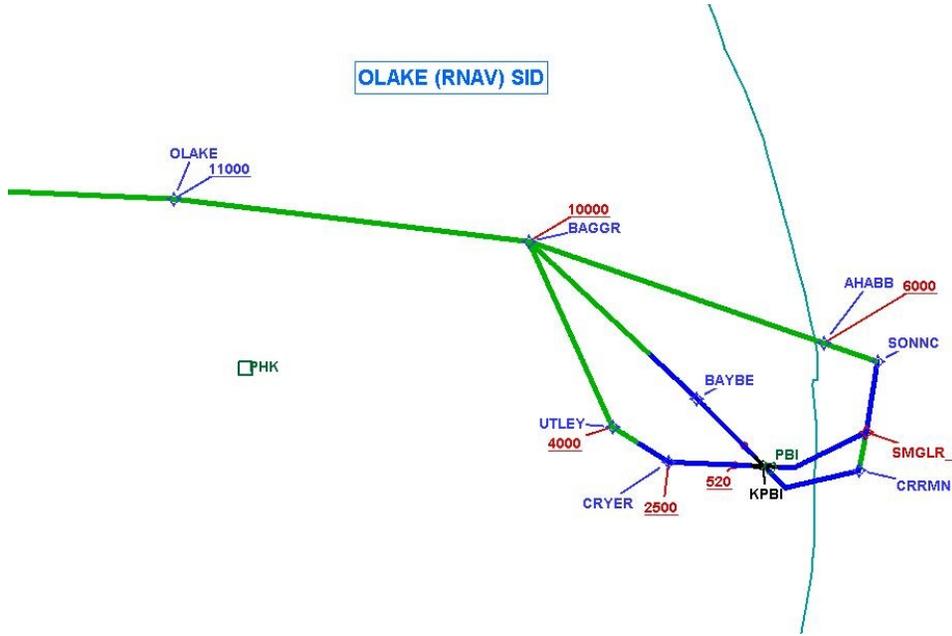
DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

Graphic Depiction 1



DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

Graphic Depiction 2



DME DME Assessment Results for OLAKE3 path KPBI:RW32:DER_BAGGR

Graphic Depiction 3

