

## DME DME Assessment Results for PREDS1 path PREDS\_LULOU

### 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\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\KMQY PREDS1 (RNAV) STAR DME v2 18 FEB 2026.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\DME\KMQY [IFPA] PREDS1_20260218_1239 EST\PREDS_LULOU\KMQY PREDS1 RNAV STAR PREDS LULOU 20260218_1239 EST.pdf
Procedure Name:	PREDS1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/18/2026 12:39 EST
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
PREDS	WP	N36° 42' 55.89", W086° 36' 45.24"	7000	VNAV	200	FLY_BY	TF
LULOU	WP	N37° 22' 48.98", W086° 36' 25.69"	7000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV STAR
Selected Airport:	KMQY [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 PREDS1 path PREDS\_LULOU

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	BWG	N36° 57' 52.00", W086° 25' 24.00"	0.0 E	130	DH		NO	Enabled	64.3 %	64.3 %
2	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H		NO	Enabled	11.4 %	11.4 %
3	CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	L		NO	Enabled	100 %	100 %
4	OWB	N37° 44' 36.80", W087° 09' 57.37"	4.0 W	40	L		NO	Enabled	9.9 %	9.9 %
5	EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	L		NO	Enabled	68.9 %	68.9 %
6	FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	T		NO	Enabled	44.2 %	44.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CCT	BWG	BNA			
4.6	CCT	BWG				
12.4	EWO	CCT	BWG			
22.2	FTK	CCT	BWG	EWO		
25.7	FTK	CCT	EWO			
35.9	FTK	OWB	EWO	CCT		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PREDS	LULOU	BWG, BNA, CCT, OWB, EWO, FTK	

**DME DME Assessment Results for PREDS1 path PREDS\_LULOU**

**User Data Files**

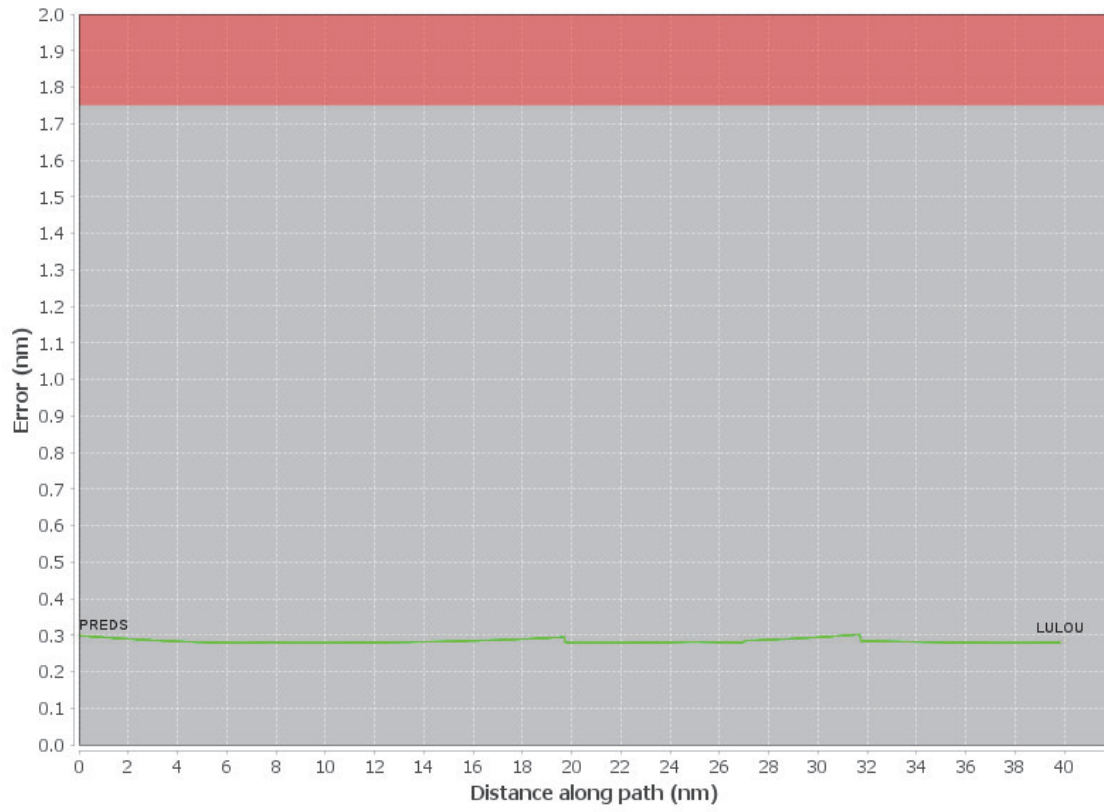
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**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EWO FAA 200445-8 EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	960	113.95	EWO FAA 200445-8	
ESV:		Bearing [True]: 224.0° to 255.0° Bearing [Mag]: 223.0° to 254.0°				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 20000.0 ft		
2	CCT FAA 703978-12 CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	452.2	109.8	CCT FAA 703978-12	
ESV:		Bearing [True]: 96.0° to 155.0° Bearing [Mag]: 96.0° to 155.0°				Arc Distance: Out to 72.0 NM Altitude: 5800.0 to 14000.0 ft		
3	FTK AR 125133 - 009 FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	733.8	109.6	FTK AR 125133 - 009	
ESV:		Bearing [True]: 199.0° to 244.0° Bearing [Mag]: 200.0° to 245.0°				Arc Distance: Out to 60.0 NM Altitude: 6000.0 to 15000.0 ft		

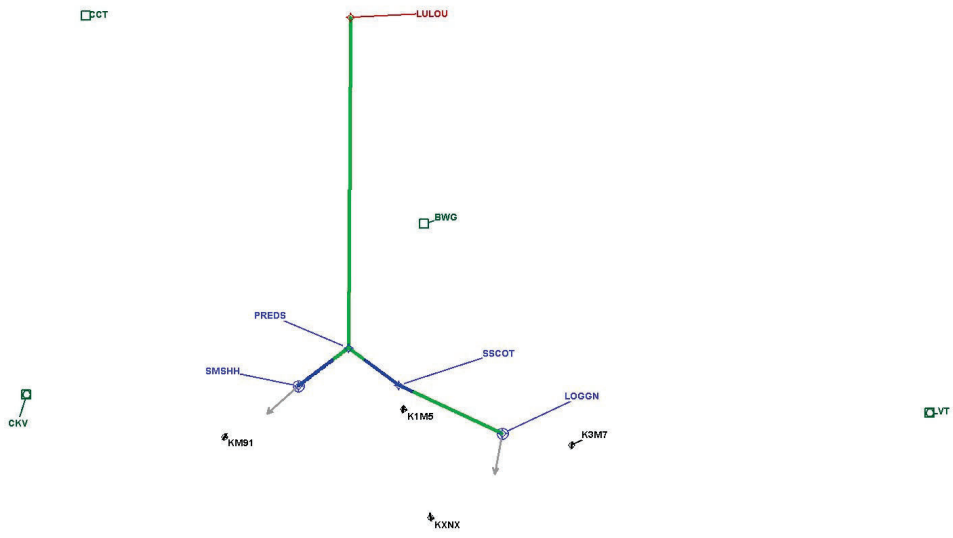
# DME DME Assessment Results for PREDS1 path PREDS\_LULOU

## DME Error



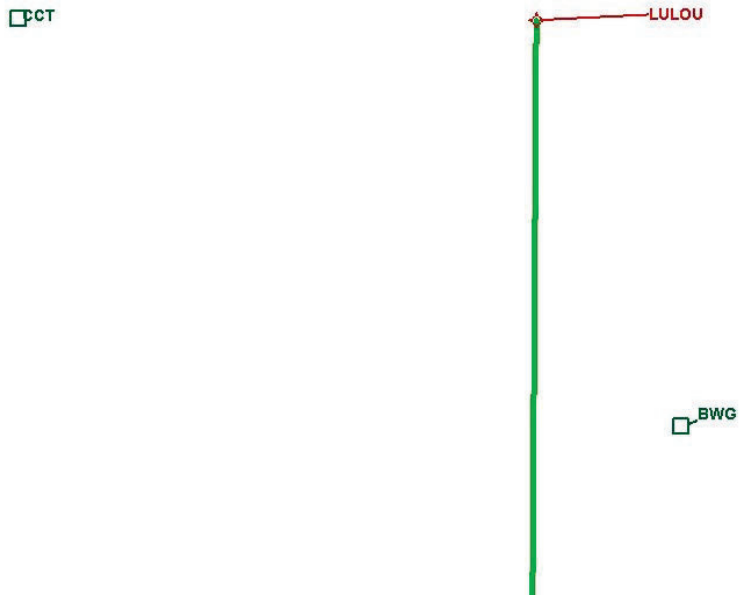
# DME DME Assessment Results for PREDS1 path PREDS\_LULOU

Graphic Depiction 1



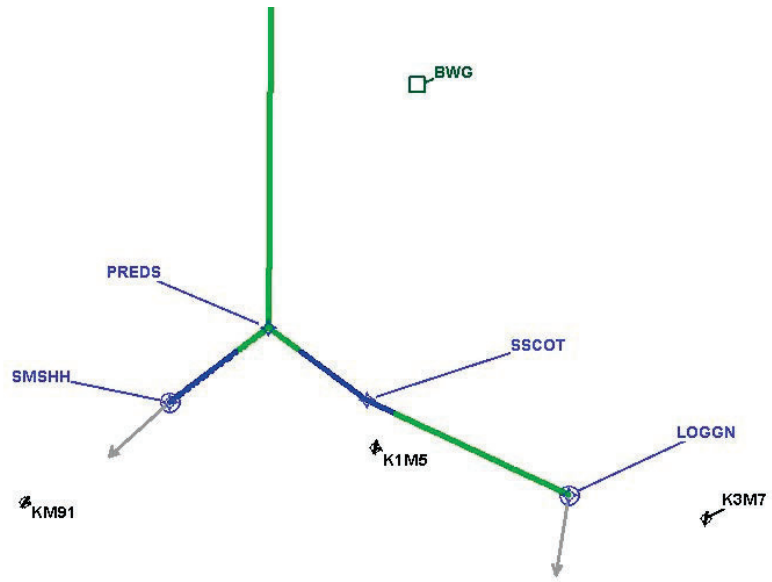
# DME DME Assessment Results for PREDS1 path PREDS\_LULOU

Graphic Depiction 2



# DME DME Assessment Results for PREDS1 path PREDS\_LULOU

Graphic Depiction 3



## DME DME Assessment Results for PREDS1 path PREDS\_SMSHH

### 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\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\KMQY PREDS1 (RNAV) STAR DME v2 18 FEB 2026.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\DME\KMQY [IFPA] PREDS1_20260218_1239 EST\PREDS_SMSHH\KMQY PREDS1 RNAV STAR PREDS SMSHH 20260218_1239 EST.pdf
Procedure Name:	PREDS1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/18/2026 12:39 EST
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
PREDS	WP	N36° 42' 55.89", W086° 36' 45.24"	7000	VNAV	200	FLY_BY	TF
SMSHH	WP	N36° 38' 20.90", W086° 44' 14.43"	4000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV STAR
Selected Airport:	KMQY [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 PREDS1 path PREDS\_SMSHH

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	BWG	N36° 57' 52.00", W086° 25' 24.00"	0.0 E	130	DH		NO	Enabled	31.4 %	31.4 %
2	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H		NO	Enabled	31.4 %	31.4 %
3	CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	L		NO	Enabled	31.4 %	31.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CCT	BWG	BNA			
2.4						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 41' 27.62", W086° 39' 09.60"	N36° 38' 20.90", W086° 44' 14.43"	5.1348

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PREDS	SMSHH	BWG, BNA, CCT	

**DME DME Assessment Results for PREDS1 path PREDS\_SMSHH**

**User Data Files**

#	File Name
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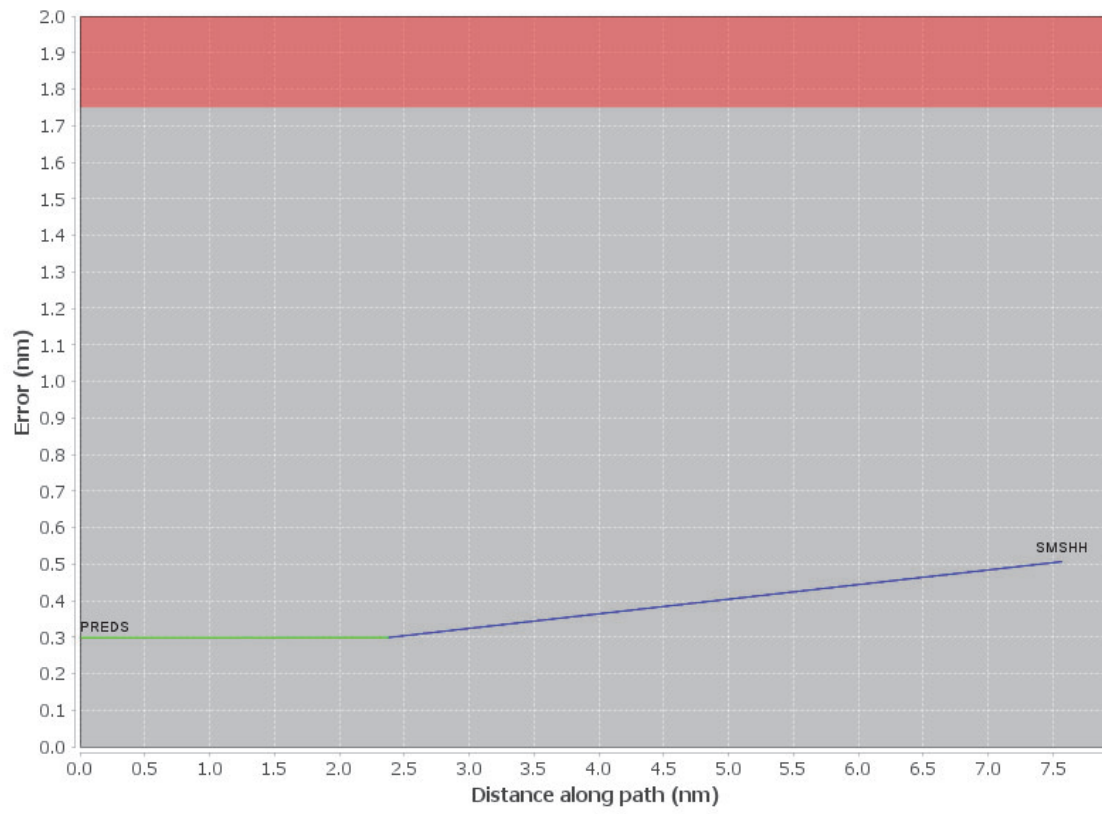
None

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EWO FAA 200445-8 EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	960	113.95	EWO FAA 200445-8	
	ESV:	Bearing [True]: 224.0° to 255.0° Bearing [Mag]: 223.0° to 254.0°				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 20000.0 ft		
2	CCT FAA 703978-12 CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	452.2	109.8	CCT FAA 703978-12	
	ESV:	Bearing [True]: 96.0° to 155.0° Bearing [Mag]: 96.0° to 155.0°				Arc Distance: Out to 72.0 NM Altitude: 5800.0 to 14000.0 ft		
3	FTK AR 125133 - 009 FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	733.8	109.6	FTK AR 125133 - 009	
	ESV:	Bearing [True]: 199.0° to 244.0° Bearing [Mag]: 200.0° to 245.0°				Arc Distance: Out to 60.0 NM Altitude: 6000.0 to 15000.0 ft		

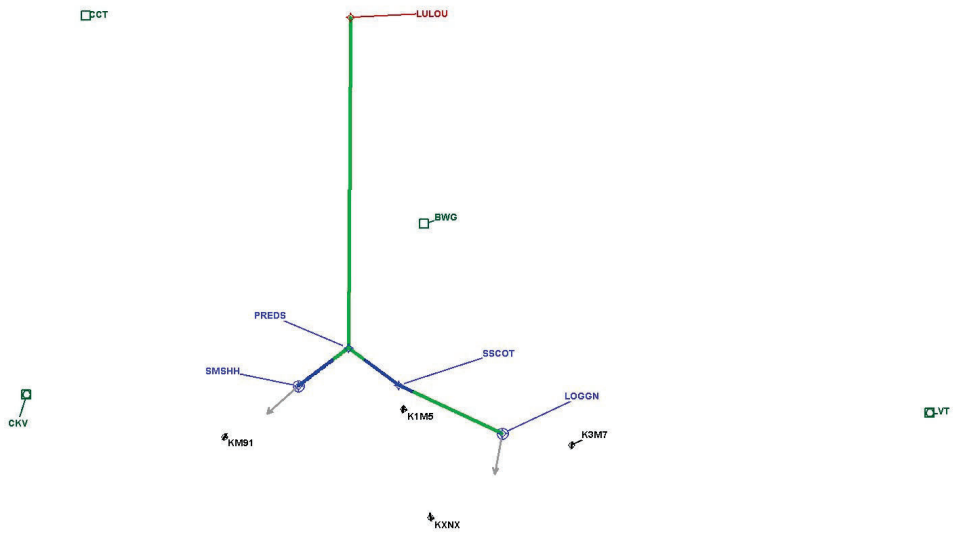
# DME DME Assessment Results for PREDS1 path PREDS\_SMSHH

## DME Error



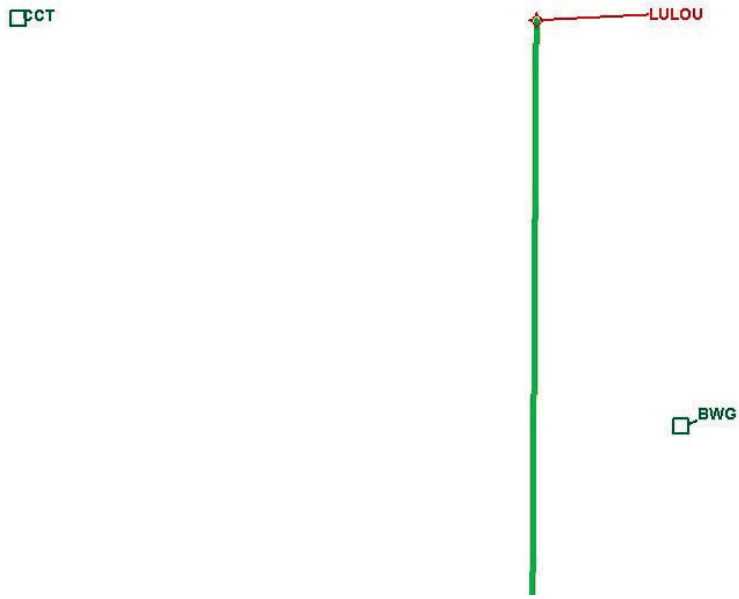
# DME DME Assessment Results for PREDS1 path PREDS\_SMSHH

Graphic Depiction 1



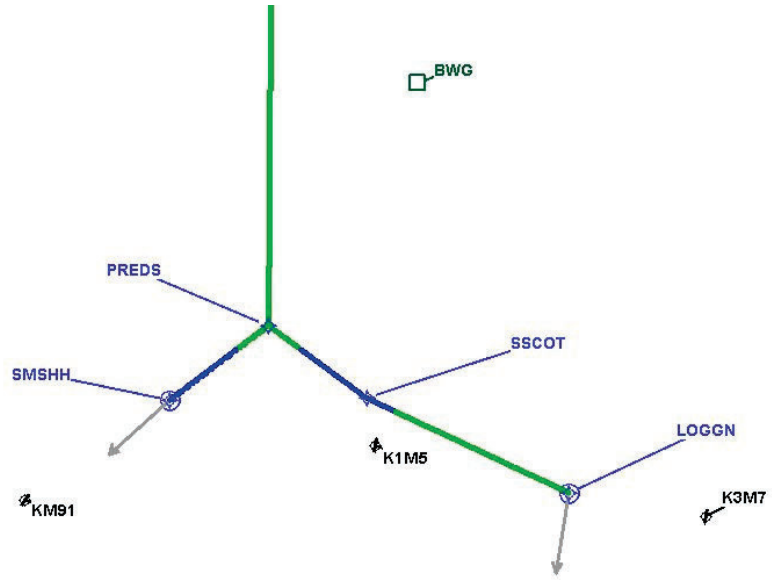
# DME DME Assessment Results for PREDS1 path PREDS\_SMSHH

Graphic Depiction 2



# DME DME Assessment Results for PREDS1 path PREDS\_SMSHH

Graphic Depiction 3



## DME DME Assessment Results for PREDS1 path LULOU\_LOGGN

### 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\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\KMQY PREDS1 (RNAV) STAR DME v2 18 FEB 2026.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KBNA\KBNA SAT STARs\KMQY PREDS1 (RNAV) STAR\DME\KMQY [IFPA] PREDS1_20260218_1239 EST\LULOU_LOGGN\KMQY PREDS1 RNAV STAR LULOU LOGGN 20260218_1239 EST.pdf
Procedure Name:	PREDS1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/18/2026 12:39 EST
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
LULOU	WP	N37° 22' 48.98", W086° 36' 25.69"	7000	VNAV	200	FLY_BY	TF
PREDS	WP	N36° 42' 55.89", W086° 36' 45.24"	7000	VNAV	200	FLY_BY	TF
SSCOT	WP	N36° 38' 27.46", W086° 29' 16.07"	4000	VNAV	200	FLY_BY	TF
LOGGN	WP	N36° 32' 37.80", W086° 13' 51.63"	3000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMQY [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 PREDS1 path LULOU\_LOGGN

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	BWG	N36° 57' 52.00", W086° 25' 24.00"	0.0 E	130	DH		NO	Enabled	65.2 %	65.2 %
2	BNA	N36° 08' 13.06", W086° 41' 05.18"	2.0 W	130	H		NO	Enabled	30.6 %	30.6 %
3	CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	L		NO	Enabled	69.2 %	69.2 %
4	OWB	N37° 44' 36.80", W087° 09' 57.37"	4.0 W	40	L		NO	Enabled	6.5 %	6.5 %
5	EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	L		NO	Enabled	45 %	45 %
6	FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	T		NO	Enabled	28.8 %	28.8 %
7	HCH	N35° 46' 51.65", W084° 58' 42.43"	2.0 W	130	DH		NO	Enabled	19.3 %	19.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FTK	OWB	EWO	CCT		
4.0	FTK	CCT	EWO			
14.2	EWO	BWG	FTK	CCT		
17.6	EWO	BWG	CCT			
27.5	CCT	BWG				
35.3	CCT	BWG	BNA			
42.3						
49.3	HCH	BNA	BWG			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 41' 28.45", W086° 34' 18.75"	N36° 37' 38.03", W086° 27' 04.94"	6.9896

**DME DME Assessment Results for PREDS1 path LULOU\_LOGGN**

**Available DMEs by Waypoints**

Waypoint Before	Waypoint After	DME List	Suggested DMEs
LULOU	PREDS	BWG, BNA, CCT, OWB, EWO, FTK	
PREDS	SSCOT	BWG, BNA, CCT	
SSCOT	LOGGN	BWG, BNA, HCH	

**User Data Files**

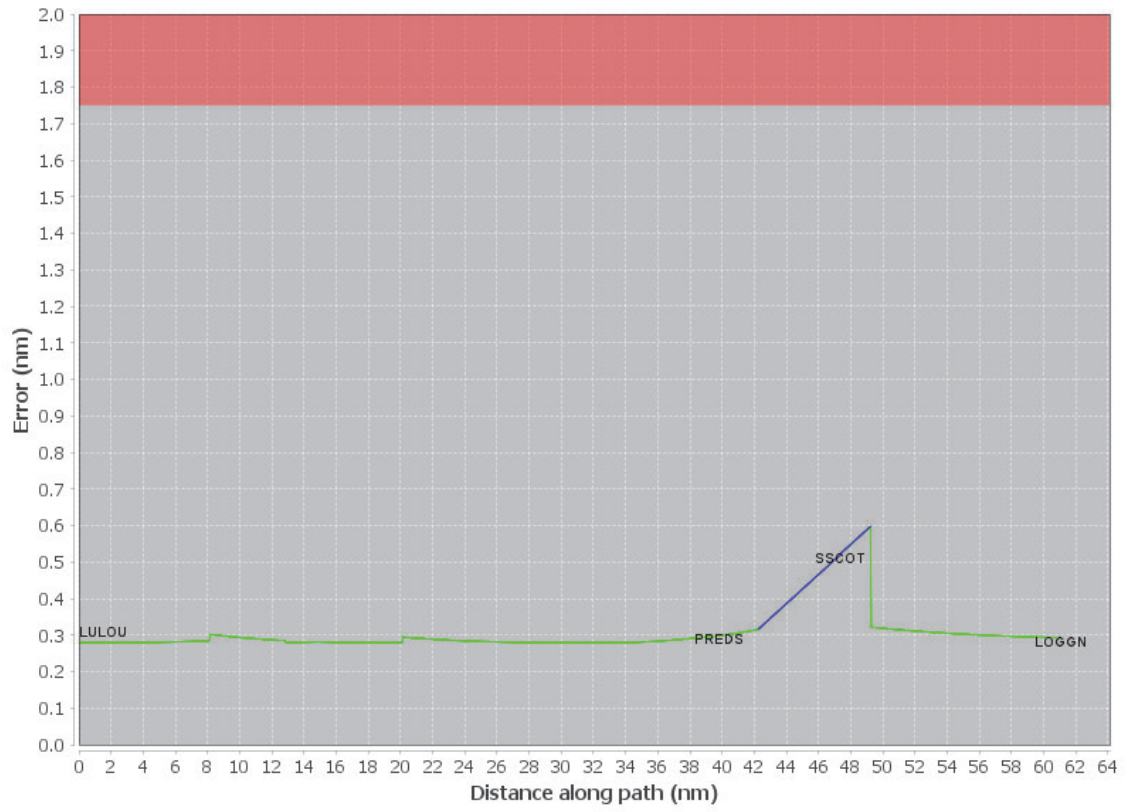
#	File Name
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**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EWO FAA 200445-8 EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	960	113.95	EWO FAA 200445-8	
	ESV:	Bearing [True]: 224.0° to 255.0° Bearing [Mag]: 223.0° to 254.0°				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 20000.0 ft		
2	CCT FAA 703978-12 CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	452.2	109.8	CCT FAA 703978-12	
	ESV:	Bearing [True]: 96.0° to 155.0° Bearing [Mag]: 96.0° to 155.0°				Arc Distance: Out to 72.0 NM Altitude: 5800.0 to 14000.0 ft		
3	FTK AR 125133 - 009 FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	733.8	109.6	FTK AR 125133 - 009	
	ESV:	Bearing [True]: 199.0° to 244.0° Bearing [Mag]: 200.0° to 245.0°				Arc Distance: Out to 60.0 NM Altitude: 6000.0 to 15000.0 ft		

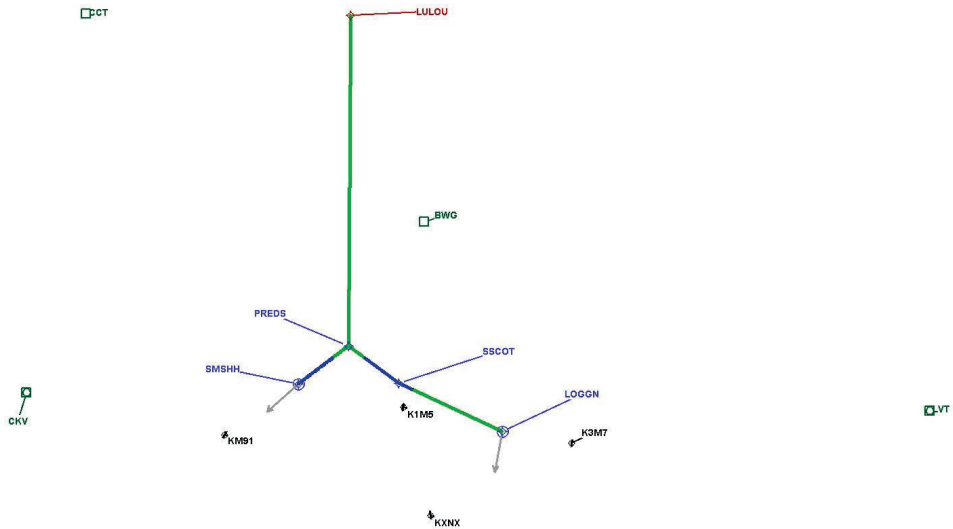
# DME DME Assessment Results for PREDS1 path LULOU\_LOGGN

## DME Error



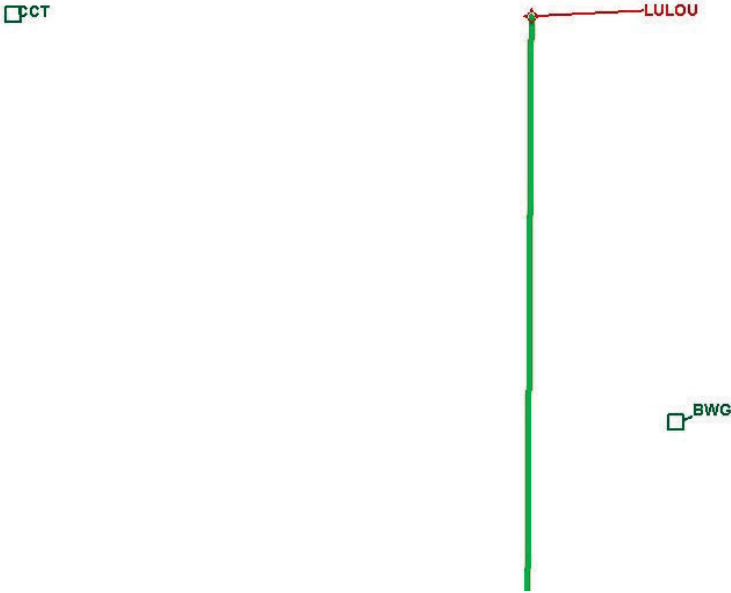
DME DME Assessment Results for PREDS1 path LULOU\_LOGGN

Graphic Depiction 1



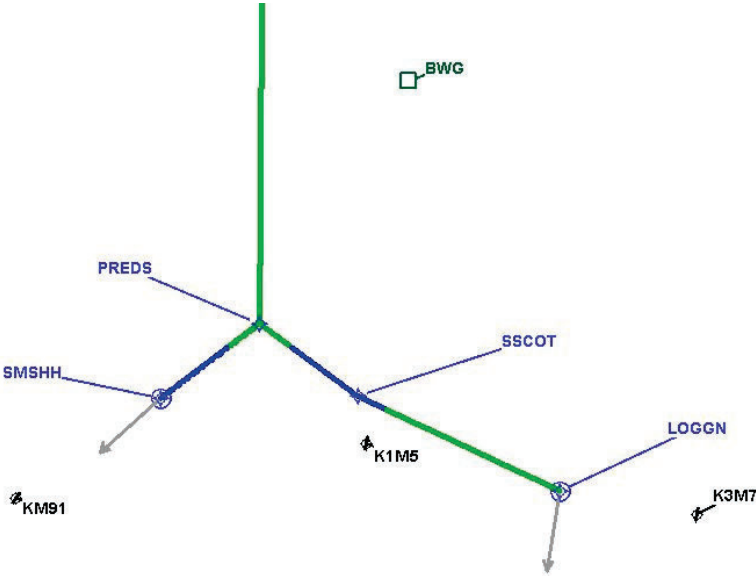
DME DME Assessment Results for PREDS1 path LULOU\_LOGGN

Graphic Depiction 2



DME DME Assessment Results for PREDS1 path LULOU\_LOGGN

Graphic Depiction 3



**DME ESVs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CCT FAA 703978-12 CCT	N37° 22' 56.72", W087° 15' 49.33"	0.0 E	40	452.2	109.8	CCT FAA 703978-12	
	ESV:	Bearing [True]: 96.0° to 155.0° Bearing [Mag]: 96.0° to 155.0°				Arc Distance: Out to 72.0 NM Altitude: 5800.0 to 14000.0 ft		
2	EWO FAA 200445-8 EWO	N37° 37' 54.52", W085° 40' 33.16"	1.0 E	40	960	113.95	EWO FAA 200445-8	
	ESV:	Bearing [True]: 224.0° to 255.0° Bearing [Mag]: 223.0° to 254.0°				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 20000.0 ft		
3	FTK AR 125133 - 009 FTK	N37° 54' 25.98", W085° 58' 21.23"	1.0 W	25	733.8	109.6	FTK AR 125133 - 009	
	ESV:	Bearing [True]: 199.0° to 244.0° Bearing [Mag]: 200.0° to 245.0°				Arc Distance: Out to 60.0 NM Altitude: 6000.0 to 15000.0 ft		