

DME DME Assessment Results for KPWM4 path CCC_SAPPE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Kelly J Carlson
Project File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\SCOGS FOUR ARRIVAL (RNAV)\ME KPWM SCOGS FOUR ARRIVAL (RNAV) 12-24-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\SCOGS FOUR ARRIVAL (RNAV)\DME_DME ASSESSMENTS\KBVY [IFPA] KPWM4 20250331_1437 CDT\CCC_SAPPE\KBVY KPWM4 RNAV STAR CCC SAPPE 20250331_1437 CDT.pdf
Procedure Name:	KPWM4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/31/2025 14:37 CDT
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
CCC	WP	N40° 55' 46.6278", W072° 47' 55.8897"	18000	VNAV	240	FLY_BY	TF
FOSTY	WP	N41° 50' 35.4600", W071° 38' 31.3400"	18000	VNAV	240	FLY_BY	TF
BILJE	WP	N42° 05' 49.1000", W070° 55' 52.9800"	15000	VNAV	240	FLY_BY	TF
BUOYY	WP	N42° 26' 05.4400", W070° 46' 24.6600"	15000	VNAV	240	FLY_BY	TF
CEKAY	WP	N43° 01' 14.6100", W070° 25' 24.7900"	12000	VNAV	240	FLY_BY	TF
SCOGS	WP	N43° 09' 44.0700", W070° 18' 03.1400"	11000	VNAV	240	FLY_BY	TF
SAACO	WP	N43° 14' 57.4700", W070° 13' 27.6700"	11000	VNAV	240	FLY_BY	TF
MESHL	WP	N43° 19' 12.0700", W070° 09' 48.0300"	3000	VNAV	240	FLY_BY	TF
YAAKK	WP	N43° 34' 51.4800", W069° 57' 24.0600"	3000	VNAV	240	FLY_BY	TF
SAPPE	WP	N43° 37' 37.4100", W070° 03' 07.2000"	3000	VNAV	240	FLY_OVER	TF

DME DME Assessment Results for KPWM4 path CCC_SAPPE

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KBVY [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:	Not enabled
Disabled DMEs:	None

DME DME Assessment Results for KPWM4 path CCC_SAPPE

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H		NO	Enabled	53.7 %	53.7 %
2	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H		NO	Enabled	16.6 %	16.6 %
3	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H		NO	Enabled	10.3 %	10.3 %
4	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	29.2 %	29.2 %
5	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L		NO	Enabled	19.2 %	19.2 %
6	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	89.3 %	89.3 %
7	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	29.1 %	29 %
8	ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	H		NO	Enabled	42.6 %	42.5 %
9	SAX	N41° 04' 03.1486", W074° 32' 17.9094"	11.0 W	130	H		NO	Enabled	12.3 %	12.3 %
10	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	30.1 %	30.1 %
11	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H		NO	Enabled	50.2 %	50.2 %
12	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	H		NO	Enabled	25.1 %	25.1 %
13	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	0.0 E	130	H		NO	Enabled	27.7 %	27.7 %
14	BDR	N41° 09' 38.5404", W073° 07' 28.1507"	12.0 W	40	L		NO	Enabled	14.8 %	14.8 %
15	MAD	N41° 18' 49.9000", W072° 41' 31.9300"	13.0 W	40	L		NO	Enabled	26.4 %	26.4 %
16	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH		NO	Enabled	3.4 %	3.4 %
17	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	31.9 %	31.9 %
18	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	78.2 %	78.2 %
19	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	10.2 %	10.2 %
20	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	83.5 %	83.5 %
21	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	68.6 %	68.6 %
22	DPK	N40° 47' 30.3601", W073° 18' 13.2386"	12.0 W	40	L		NO	Enabled	7.1 %	7.1 %
23	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	88.4 %	88.4 %

DME DME Assessment Results for KPWM4 path CCC_SAPPE

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BDR	ORW	HTO	MAD	PUT	SAX
26.5	HTO	BDR	HFD	PUT	MAD	PVD
32.0	HTO	MAD	HFD	PVD	SEY	PUT
56.8	HFD	PUT	EEN	PVD	SEY	BOS
69.2	HFD	EEN	PUT	HTO	PVD	LFV
70.2	HTO	PVD	BOS	PUT	LFV	EEN
80.0	HTO	PUT	ORW	PVD	BOS	ACK
108.1	LFV	BOS	ACK	PVD	ORW	ENE
133.2	LFV	PVD	LWM	BOS	ORW	ENE
175.3	LWM	ENE	LFV	PSM	AUG	BOS
175.5	LFV	PSM	AUG	ENE	BOS	PVD
190.2	AUG	ENE	BOS	LFV	PSM	
192.2	PSM	ENE				
198.5						

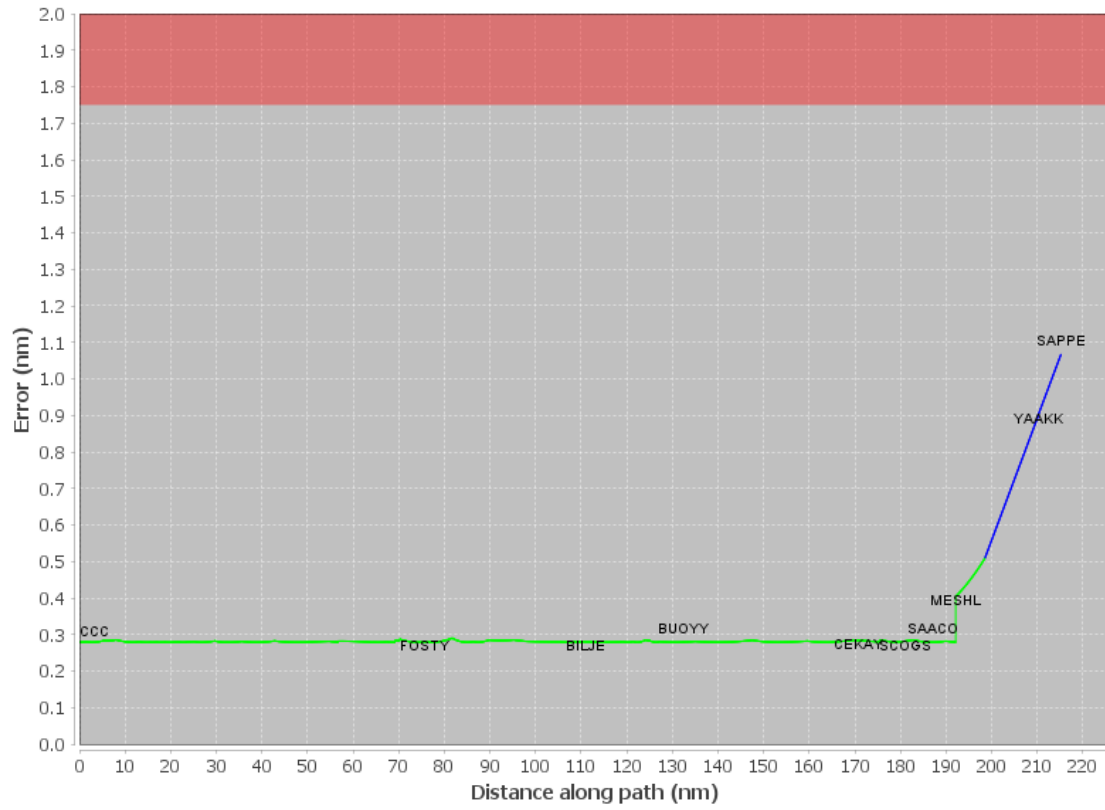
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 24' 47.2392", W070° 05' 23.4505"	N43° 37' 37.4100", W070° 03' 07.2000"	16.612

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CCC	FOSTY	HTO, CCC, HUO, SEY, BOS, HFD, ACK, SAX, PUT, JFK, EEN, BDR, MAD, ORW, LFV, ENE, DPK, PVD	
FOSTY	BILJE	HTO, ORW, BOS, ACK, LFV, ENE, PUT, EEN, PVD	
BILJE	BUOYY	HTO, MPV, LWM, AUG, ORW, BOS, ACK, LFV, ENE, PVD	
BUOYY	CEKAY	MPV, AUG, LWM, ORW, BOS, MHT, ACK, PSM, ENE, LFV, PVD	
CEKAY	SCOGS	AUG, LWM, ORW, BOS, PSM, ENE, LFV, PVD	
SCOGS	SAACO	AUG, BOS, PSM, ENE, LFV, PVD	
SAACO	MESHL	AUG, BOS, PSM, ENE, LFV, PVD	
MESHL	YAAKK	PSM, ENE	
YAAKK	SAPPE		

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

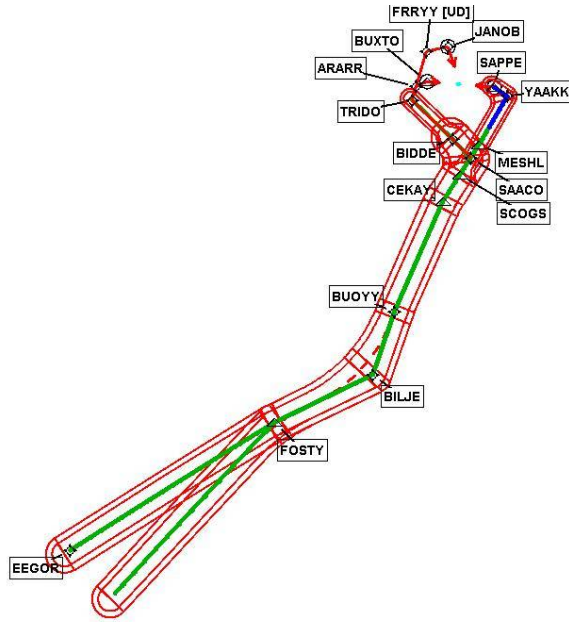
DME DME Assessment Results for KPWM4 path CCC_SAPPE

DME Error



DME DME Assessment Results for KPWM4 path CCC_SAPPE

Graphic Depiction 1



DME DME Assessment Results for KPWM4 path EEGOR_FOSTY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Kelly J Carlson
Project File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\SCOGS FOUR ARRIVAL (RNAV)\ME KPWM SCOGS FOUR ARRIVAL (RNAV) 12-24-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\SCOGS FOUR ARRIVAL (RNAV)\DME_DME ASSESSMENTS\KBYV [IFPA] KPWM4 20250331_1437 CDT\EEGOR_FOSTY\KBYV KPWM4 RNAV STAR EEGOR FOSTY 20250331_1437 CDT.pdf
Procedure Name:	KPWM4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/31/2025 14:37 CDT
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
EEGOR	WP	N41° 09' 38.9400", W073° 07' 27.6600"	18000	VNAV	240	FLY_BY	TF
FOSTY	WP	N41° 50' 35.4600", W071° 38' 31.3400"	18000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBYV [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 KPWM4 path EEGOR_FOSTY

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:	Not enabled
Disabled DMEs:	None

DME DME Assessment Results for KPWM4 path EEGOR_FOSTY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CMK	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	L		NO	Enabled	26 %	26 %
2	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H		NO	Enabled	100 %	100 %
3	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H		NO	Enabled	80.1 %	80.1 %
4	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H		NO	Enabled	48 %	48 %
5	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	100 %	100 %
6	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	95 %	95 %
7	ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	H		NO	Enabled	33.5 %	33.5 %
8	SAX	N41° 04' 03.1486", W074° 32' 17.9094"	11.0 W	130	H		NO	Enabled	47.6 %	47.6 %
9	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	H		NO	Enabled	73 %	73 %
10	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H		NO	Enabled	100 %	100 %
11	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	0.0 E	130	H		NO	Enabled	87.6 %	87.6 %
12	MAD	N41° 18' 49.9000", W072° 41' 31.9300"	13.0 W	40	L		NO	Enabled	69.7 %	69.7 %
13	BDR	N41° 09' 38.5404", W073° 07' 28.1507"	12.0 W	40	L		NO	Enabled	46.9 %	46.9 %
14	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	95.4 %	95.4 %
15	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	40	L		NO	Enabled	57.3 %	57.3 %
16	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	75.6 %	75.6 %
17	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	33.8 %	33.8 %
18	DPK	N40° 47' 30.3601", W073° 18' 13.2386"	12.0 W	40	L		NO	Enabled	21.5 %	21.5 %
19	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	JFK	CCC	CMK	DPK	HTO	HUO
16.9	HTO	JFK	PUT	CCC	MAD	CMK
18.9	HTO	PUT	JFK	CMK	CCC	BDR
20.5	HTO	BDR	JFK	PUT	PVD	ORW
39.9	HFD	PUT	HTO	ORW	MAD	BYT
54.0	BYT	CCC	PUT	EEN	PVD	HTO
62.8	HTO	BYT	ORW	HFD	EEN	PUT
63.2	HFD	EEN	PVD	PUT	ORW	HTO
74.6	HTO	PVD	BOS	PUT	ORW	LFV

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EEGOR	FOSTY	CMK, HTO, CCC, HUO, BOS, HFD, ACK, SAX, JFK, PUT, EEN, MAD, BDR, ORW, BYT, LFV, ENE, DPK, PVD	

DME DME Assessment Results for KPWM4 path EEGOR_FOSTY

User Data Files

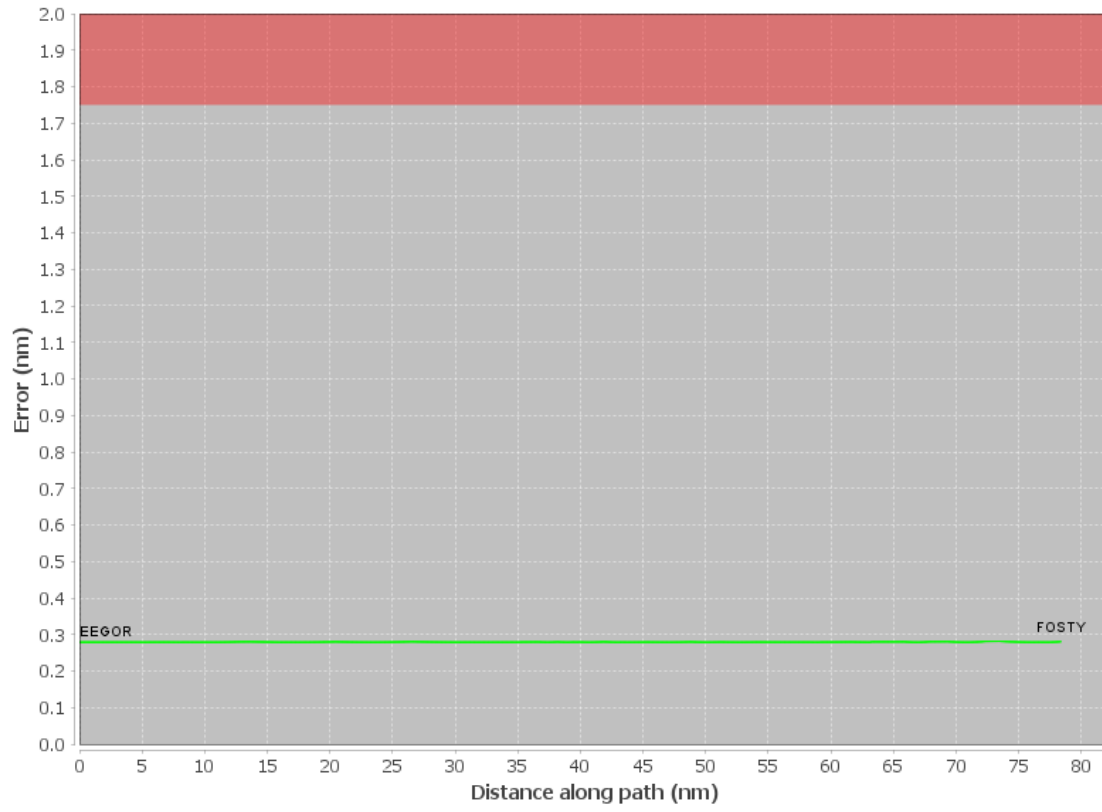
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User DMEs

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

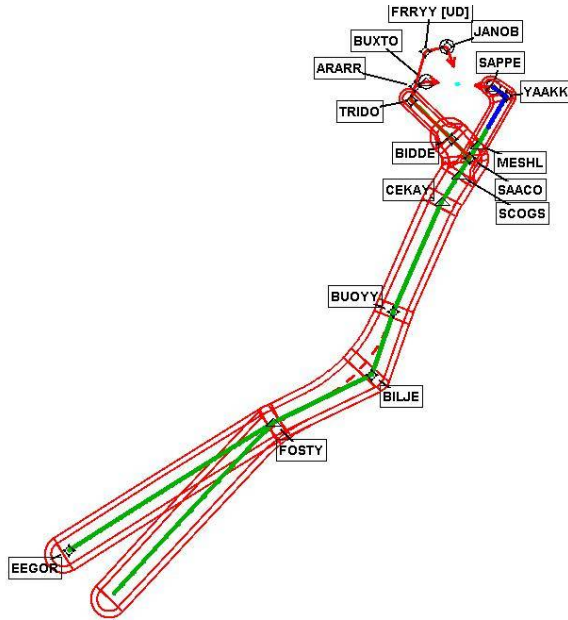
DME DME Assessment Results for KPWM4 path EEGOR_FOSTY

DME Error



DME DME Assessment Results for KPWM4 path EEGOR_FOSTY

Graphic Depiction 1



DME DME Assessment Results for KPWM4 path SAACO_TRIDO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Kelly J Carlson
Project File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\PWM\SCOGS FOUR ARRIVAL (RNAV)\ME KPWM SCOGS FOUR ARRIVAL (RNAV) 12-24-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\PWM\SCOGS FOUR ARRIVAL (RNAV)\DME_DME ASSESSMENTS\KBVY [IFPA] KPWM4 20250331_1437 CDT\SAACO_TRIDO\KBVY KPWM4 RNAV STAR SAACO TRIDO 20250331_1437 CDT.pdf
Procedure Name:	KPWM4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/31/2025 14:37 CDT
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
SAACO	WP	N43° 14' 57.4700", W070° 13' 27.6700"	11000	VNAV	240	FLY_BY	TF
BIDDE	WP	N43° 21' 08.1700", W070° 21' 11.4600"	11000	VNAV	240	FLY_BY	TF
TRIDO	WP	N43° 33' 30.8600", W070° 38' 36.9600"	11000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBVY [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 KPWM4 path SAACO_TRIDO

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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH		NO	Enabled	48.5 %	48.5 %
2	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	100 %	100 %
3	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	72.7 %	72.7 %
4	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	100 %	100 %
5	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	72.7 %	72.7 %
6	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	100 %	100 %
7	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	98.7 %	98.7 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BOS	ENE	AUG	LFV	PSM	PVD
19.0	AUG	LFV	PSM	BOS	PVD	
19.0	AUG	LFV	PSM	PVD		
25.8	AUG	LFV	PSM			
26.0	AUG	ENE	LFV	PSM		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SAACO	BIDDE	MPV, AUG, BOS, PSM, ENE, LFV, PVD	
BIDDE	TRIDO	MPV, AUG, BOS, PSM, LFV, ENE, PVD	

DME DME Assessment Results for KPWM4 path SAACO_TRIDO

User Data Files

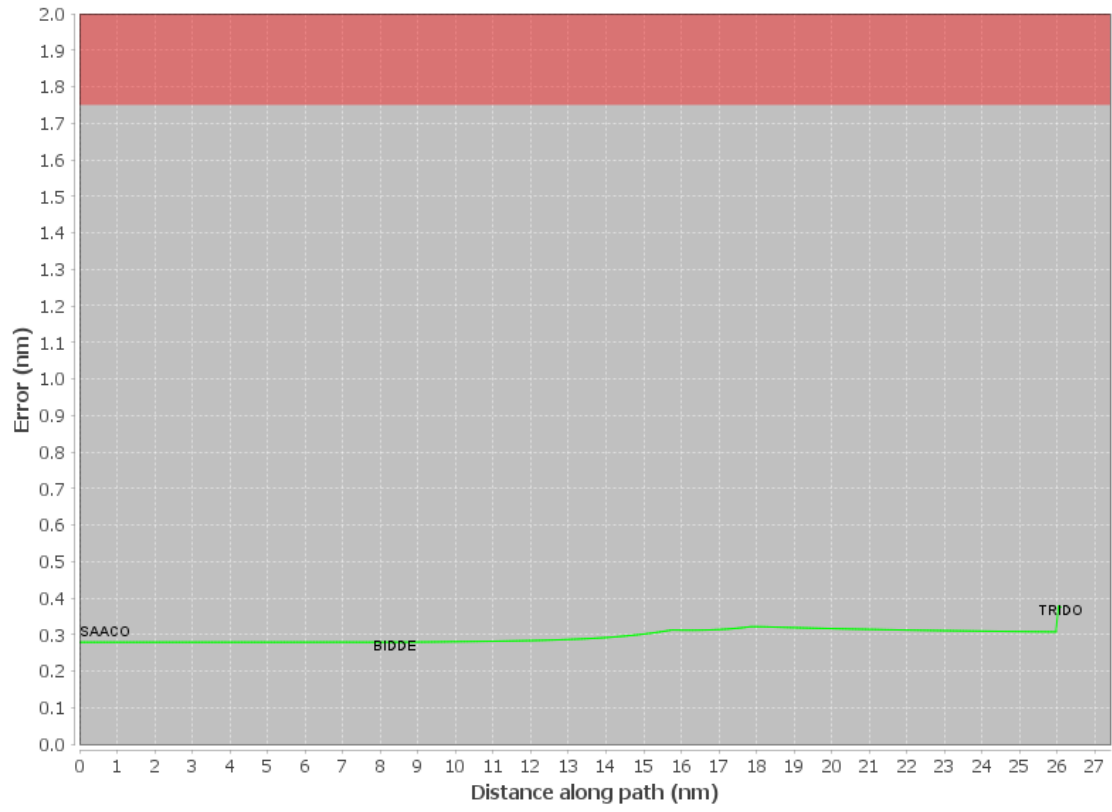
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User DMEs

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

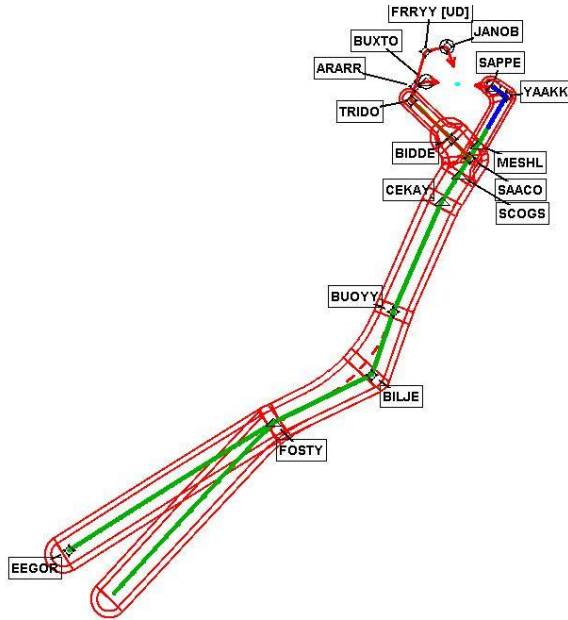
DME DME Assessment Results for KPWM4 path SAACO_TRIDO

DME Error



DME DME Assessment Results for KPWM4 path SAACO_TRIDO

Graphic Depiction 1



DME ESVs

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