

DME DME Assessment Results for NUBLE5 path JJIMY_NELIE

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\PWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\JJIMY_NELIE\KPWM NUBLE5 SID JJIMY NELIE 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
JJIMY	WP	N42° 25' 04.0900", W071° 09' 23.0600"	11000	VNAV	200	FLY_BY	TF
NELIE	WP	N41° 56' 27.6400", W072° 41' 18.8800"	17000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	None assigned
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 NUBLE5 path JJIMY_NELIE

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L		NO	Enabled	35.5 %	35.6 %
2	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H		NO	Enabled	40.9 %	41 %
3	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H		NO	Enabled	39.8 %	40 %
4	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	32.9 %	32.8 %
5	CEF	N42° 11' 51.1596", W072° 31' 34.7338"	14.0 W	40	L		NO	Enabled	67.1 %	67.2 %
6	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	100 %	100 %
7	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L		NO	Enabled	54.6 %	54.7 %
8	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	42.3 %	42.4 %
9	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H		NO	Enabled	95.7 %	95.7 %
10	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	0.0 E	130	H		NO	Enabled	18.2 %	18.4 %
11	GDM	N42° 32' 45.3150", W072° 03' 29.4776"	14.0 W	40	L		NO	Enabled	81.4 %	81.3 %
12	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH		NO	Enabled	58.5 %	58.3 %
13	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	100 %	100 %
14	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	29.3 %	29.2 %
15	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	40	L		NO	Enabled	49.8 %	49.7 %
16	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	100 %	100 %
17	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	100 %	100 %
18	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	100 %	100 %

DME DME Assessment Results for NUBLE5 path JJIMY_NELIE

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	LFV	ENE	BOS	PVD	ORW	LWM
24.4	BOS	PVD	CEF	ORW	LFV	PUT

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
JJIMY	NELIE	CTR, HTO, CCC, LWM, CEF, BOS, BAF, HFD, PUT, EEN, GDM, MPV, ORW, MHT, BYT, LFV, ENE, PVD	

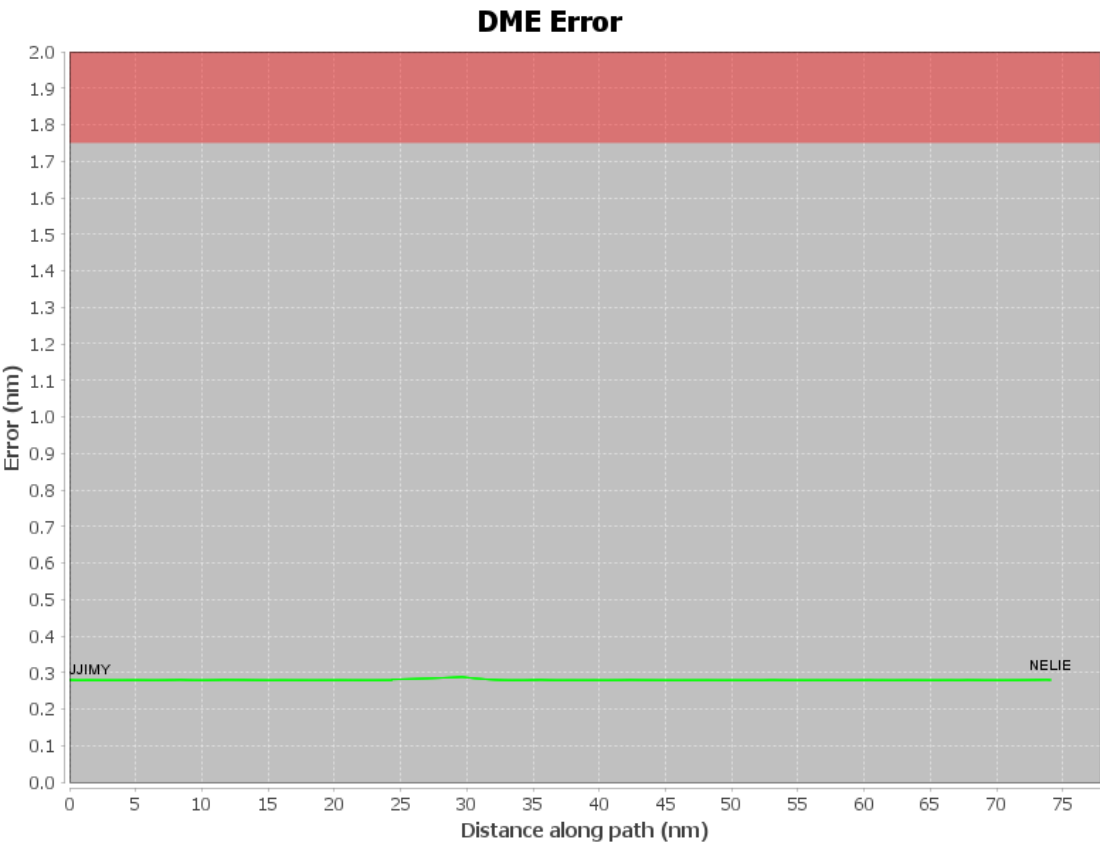
User Data Files

#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		

DME DME Assessment Results for NUBLE5 path JJIMY_NELIE



DME DME Assessment Results for NUBLE5 path KPWM:RW11:DER_CCC

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\KPWM-RW11-DER_CCC\KPWM NUBLE5 SID RW11 CCC 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
KPWM:RW11:DER	WP	N43° 38' 38.5209", W070° 17' 56.3694"	42.2	VNAV	130	FLY_BY	TF
PMMKN	WP	N43° 40' 43.2285", W070° 10' 59.6775"	2174.8	VNAV	200	FLY_BY	TF
HLFWY	WP	N43° 38' 51.6834", W070° 04' 09.3375"	3235	VNAV	200	FLY_BY	TF
WHYOO	WP	N43° 33' 24.7352", W070° 06' 28.2346"	4375.4	VNAV	200	FLY_BY	TF
ORCHD	WP	N43° 25' 15.5900", W070° 21' 16.9900"	6523	VNAV	200	FLY_BY	TF
FOSCO	WP	N43° 16' 15.5600", W070° 35' 27.3200"	6523	VNAV	200	FLY_BY	TF
NUBLE	WP	N43° 09' 58.3600", W070° 42' 59.4700"	7818	VNAV	200	FLY_BY	TF
RBELA	WP	N42° 49' 57.9900", W070° 57' 17.9600"	11000	VNAV	200	FLY_BY	TF
JJIMY	WP	N42° 25' 04.0900", W071° 09' 23.0600"	11000	VNAV	200	FLY_BY	TF
YANTC	WP	N41° 33' 22.8100", W071° 59' 56.9500"	17000	VNAV	240	FLY_BY	TF
CCC	WP	N40° 55' 46.6278", W072° 47' 55.8897"	17000	VNAV	240	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 576.0 ft MSL
350.0 ft/NM up to 1300.0 ft MSL
200.0 ft/NM

DME DME Assessment Results for NUBLE5 path KPWM:RW11:DER_CCC

Flyability	
Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	500.0 ft/NM up to 576.0 ft MSL 350.0 ft/NM up to 1300.0 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:	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 NUBLE5 path KPWM:RW11:DER_CCC

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	33.2 %	36.1 %
2	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H		NO	Enabled	14.2 %	16.4 %
3	CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	L		NO	Enabled	17 %	16.4 %
4	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	37 %	35.6 %
5	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L		NO	Enabled	16.7 %	18.1 %
6	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	89.4 %	90.2 %
7	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	26.9 %	29.4 %
8	ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	H		NO	Enabled	16.4 %	16.8 %
9	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	30.9 %	29.8 %
10	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H		NO	Enabled	50.1 %	52.3 %
11	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	0.0 E	130	H		NO	Enabled	18.1 %	19.9 %
12	MAD	N41° 18' 49.9000", W072° 41' 31.9300"	13.0 W	40	L		NO	Enabled	22.6 %	25.9 %
13	BDR	N41° 09' 38.5404", W073° 07' 28.1507"	12.0 W	40	L		NO	Enabled	12.6 %	14.6 %
14	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH		NO	Enabled	8.7 %	8.4 %
15	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	35.8 %	34.4 %
16	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	67.9 %	69.2 %
17	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	34.4 %	33.2 %
18	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	70.2 %	67.8 %
19	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	79.7 %	79.9 %
20	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	75.8 %	77.1 %

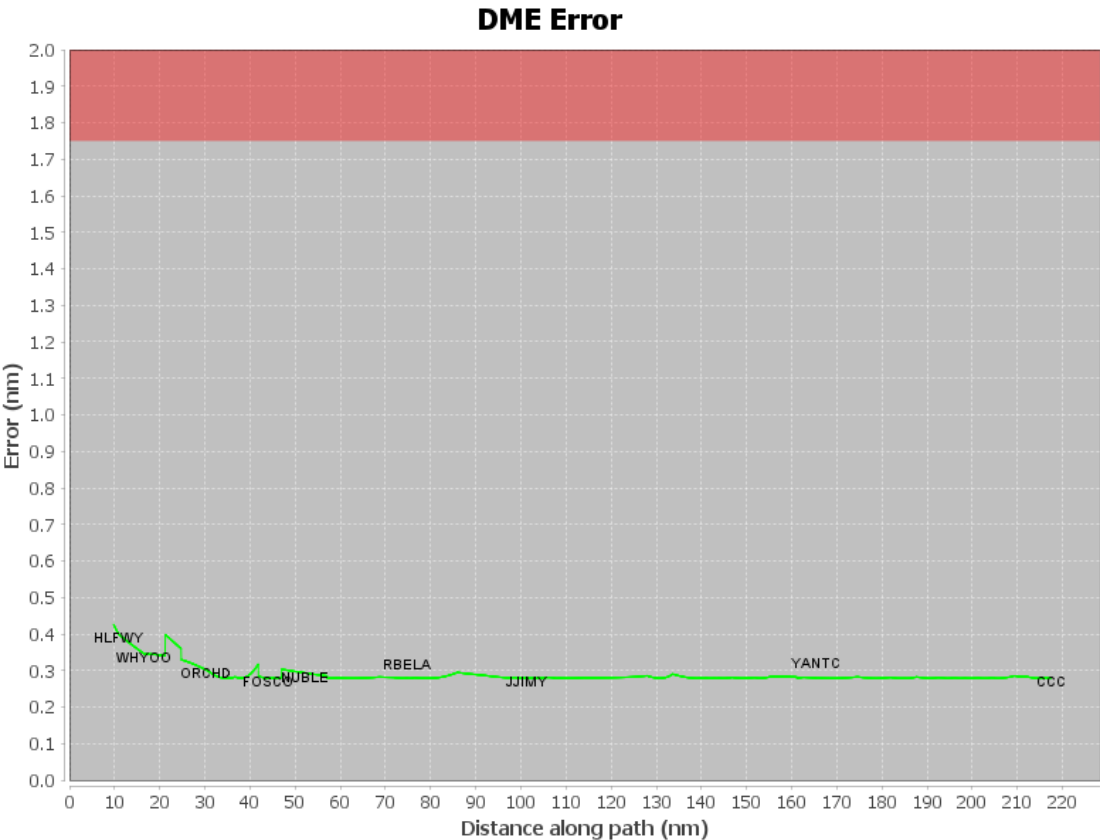
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
9.8	AUG	ENE				
19.8	CON	AUG	ENE			
20.0	CON	AUG	ENE	LWM		
20.6	CON	LWM				
21.2	BOS	ENE	CON	LWM		
24.8	AUG	ENE	CON	BOS	LWM	
31.3	BOS	ENE	AUG	LFV	PSM	
47.0	MHT	LFV	PSM	LWM	AUG	BOS
55.1	MHT	LFV	LWM	BOS	AUG	PVD
79.1	MHT	PSM	ENE	PVD	BOS	LFV
98.6	ORW	LFV	ENE	BOS	PVD	LWM
121.8	LFV	PVD	ORW	ENE	PUT	BOS
160.3	HFD	PUT	EEN	PVD	SEY	BOS
189.9	HTO	BDR	HFD	PVD	PUT	MAD
209.7	BDR	PUT	HTO	CCC	ORW	MAD
214.3	HTO	MAD	BDR	ORW	PUT	PVD

DME DME Assessment Results for NUBLE5 path KPWM:RW11:DER_CCC

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 38' 38.3229", W070° 17' 53.4414"	N43° 39' 16.1189", W070° 05' 39.0633"	9.7269

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPWM:RW11:DER	PMMKN		
PMMKN	HLFWY	AUG, ENE	
HLFWY	WHYOO	AUG, ENE	
WHYOO	ORCHD	AUG, CON, LWM, BOS, PSM, ENE	LWM
ORCHD	FOSCO	AUG, CON, LWM, BOS, MHT, PSM, ENE, LFV	
FOSCO	NUBLE	AUG, LWM, CON, BOS, MHT, PSM, LFV, ENE, PVD	
NUBLE	RBELA	MPV, AUG, LWM, CON, ORW, BOS, MHT, PSM, LFV, ENE, PVD	
RBELA	JJIMY	MPV, AUG, LWM, CON, ORW, BOS, MHT, PSM, ENE, LFV, PVD	
JJIMY	YANTC	HTO, LWM, SEY, BOS, HFD, ACK, PUT, EEN, MAD, ORW, MHT, LFV, ENE, PVD	
YANTC	CCC	HTO, CCC, SEY, HFD, BOS, ACK, PUT, EEN, MAD, BDR, ORW, LFV, ENE, PVD	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		



DME DME Assessment Results for NUBLE5 path KPWM:RW18:DER_FOSCO

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\KPWM-RW18-DER_FOSCO\KPWM NUBLE5 SID RW18 FOSCO 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
KPWM:RW18:DER	WP	N43° 38' 18.4236", W070° 18' 02.3920"	44.3	VNAV	130	FLY_BY	TF
FOSCO	WP	N43° 16' 15.5600", W070° 35' 27.3200"	6523	VNAV	200	FLY_BY	TF
Climb Gradient: 350.0 ft/NM up to 1300.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	350.0 ft/NM up to 1300.0 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 NUBLE5 path KPWM:RW18:DER_FOSCO

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	4.4 %	4.9 %
2	CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	L		NO	Enabled	25.9 %	27.3 %
3	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	7.8 %	9.3 %
4	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	39.9 %	41.3 %
5	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	27.6 %	29.1 %
6	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	45.7 %	47.1 %
7	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	42.8 %	44.2 %
8	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	8.4 %	9.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
13.9	LWM	ENE				
14.7	PSM	ENE				
16.3	BOS	ENE	PSM			
19.7	BOS	ENE	PSM	MHT		
20.2	BOS	ENE	PSM	MHT	CON	
20.7	CON	BOS	PSM	MHT		
22.3	MHT	ENE	PSM	CON	BOS	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 38' 16.3625", W070° 18' 01.5357"	N43° 26' 40.7872", W070° 22' 43.6562"	13.8267

DME DME Assessment Results for NUBLE5 path KPWM:RW18:DER_FOSCO

Available DMEs by Waypoints

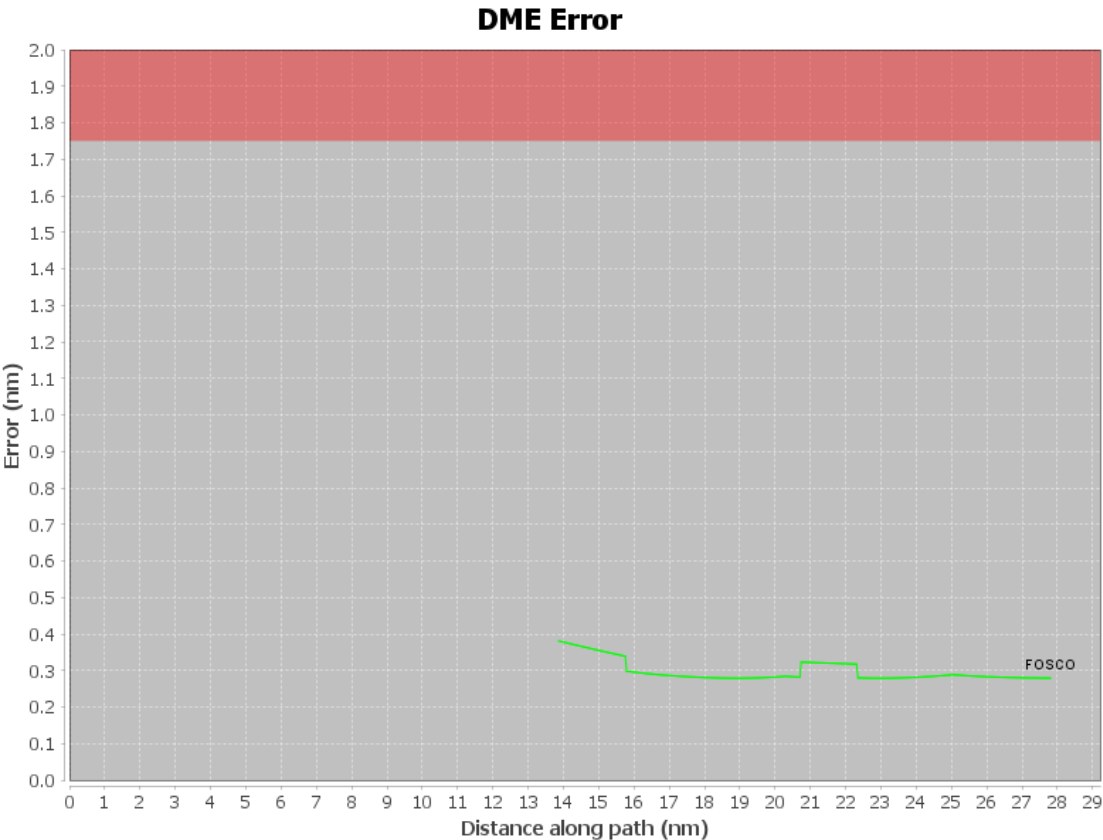
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPWM:RW18:DER	FOSCO	LWM, CON, AUG, BOS, MHT, PSM, ENE, LFV	

User Data Files

#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		



DME DME Assessment Results for NUBLE5 path KPWM:RW29:DER_GORHM

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\KPWM-RW29-DER_GORHM\KPWM NUBLE5 SID RW29 GORHM 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
KPWM:RW29:DER	WP	N43° 38' 45.1032", W070° 19' 33.8651"	75.7	VNAV	130	FLY_BY	TF
GORHM	WP	N43° 31' 31.5600", W070° 34' 11.8600"	3611	VNAV	200	FLY_BY	TF
Climb Gradient: 350.0 ft/NM up to 1300.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	350.0 ft/NM up to 1300.0 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 NUBLE5 path KPWM:RW29:DER_GORHM

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:	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	N43° 38' 45.3031", W070° 19' 36.8324"	N43° 31' 31.5600", W070° 34' 11.8600"	14.9985

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPWM:RW29:DER	GORHM		

DME DME Assessment Results for NUBLE5 path KPWM:RW29:DER_GORHM

User Data Files

#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		



DME DME Assessment Results for NUBLE5 path KPWM:RW36:DER_NUBLE

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\KPWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\KPWM-RW36-DER_NUBLE\KPWM NUBLE5 SID RW36 NUBLE 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
KPWM:RW36:DER	WP	N43° 39' 16.1036", W070° 18' 26.3497"	44.8	VNAV	130	FLY_BY	TF
WNDHM	WP	N43° 45' 10.4675", W070° 22' 23.8028"	2351.5	VNAV	200	FLY_BY	TF
SBAGO	WP	N43° 44' 14.0211", W070° 29' 30.2319"	3398.9	VNAV	200	FLY_BY	TF
GORHM	WP	N43° 31' 31.5600", W070° 34' 11.8600"	3611	VNAV	200	FLY_BY	TF
NUBLE	WP	N43° 09' 58.3600", W070° 42' 59.4700"	7818	VNAV	200	FLY_BY	TF
Climb Gradient: 350.0 ft/NM up to 1300.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	350.0 ft/NM up to 1300.0 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 NUBLE5 path KPWM:RW36:DER_NUBLE

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	L		NO	Enabled	25.6 %	26.2 %
2	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	19.9 %	20.4 %
3	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	17.9 %	18.4 %
4	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	31 %	31.7 %
5	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	30.9 %	31.6 %
6	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	35.5 %	36.4 %
7	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	10.9 %	11.1 %
8	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	19 %	19.4 %
9	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	5.4 %	5.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
19.7	CON	ENE	PSM			
19.9	CON	PSM				
21.9						
32.4	CON	BOS	PSM			
32.5	CON	BOS	PSM	MHT		
37.5	CON	BOS	ENE	PSM	MHT	
42.7	MHT	LFV	PSM	LWM	AUG	BOS

DME DME Assessment Results for NUBLE5 path KPWM:RW36:DER_NUBLE

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 39' 18.1568", W070° 18' 27.2024"	N43° 36' 40.4316", W070° 32' 18.0210"	19.599
2	N43° 34' 28.5221", W070° 33' 06.6793"	N43° 24' 23.7704", W070° 37' 07.1170"	10.4923

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KPWM:RW36:DER	WNDHM		ENE
WNDHM	SBAGO		ENE
SBAGO	GORHM	CON, PSM, ENE	CON,ENE,PSM
GORHM	NUBLE	CON, AUG, LWM, BOS, MHT, PSM, ENE, LFV, PVD	

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		



DME DME Assessment Results for NUBLE5 path RBELA_BAF

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\NUBLE FIVE DEPARTURE (RNAV)\ME KPWM NUBLE FIVE DEPARTURE (RNAV) 7-9-2026.tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE ME\PWM\NUBLE FIVE DEPARTURE (RNAV)\DME_DME ASSESSMENTS\KPWM [IFPA] NUBLE5 20260107_0809 CST\RBELA_BAF\KPWM NUBLE5 SID RBELA BAF 20260107_0809 CST.pdf
Procedure Name:	NUBLE5
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/07/2026 08:09 CST
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
RBELA	WP	N42° 49' 57.9900", W070° 57' 17.9600"	11000	VNAV	200	FLY_BY	TF
COTEE	WP	N42° 29' 42.2300", W071° 07' 07.9200"	11000	VNAV	200	FLY_BY	TF
BAF	WP	N42° 09' 43.0527", W072° 42' 58.3182"	17000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KPWM [IFPA]
Climb Gradient:	None assigned
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 NUBLE5 path RBELA_BAF

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:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for NUBLE5 path RBELA_BAF

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L		NO	Enabled	31 %	31.1 %
2	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H		NO	Enabled	31.6 %	31.7 %
3	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H		NO	Enabled	30.8 %	31 %
4	LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	L		NO	Enabled	42.7 %	42.6 %
5	CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	L		NO	Enabled	1.4 %	1.4 %
6	CEF	N42° 11' 51.1596", W072° 31' 34.7338"	14.0 W	40	L		NO	Enabled	44.1 %	44.2 %
7	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH		NO	Enabled	100 %	100 %
8	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L		NO	Enabled	38.7 %	38.6 %
9	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	16.3 %	16.5 %
10	PSM	N43° 05' 04.0708", W070° 49' 55.1541"	-0.0 E	40	L		NO	Enabled	22.6 %	22.6 %
11	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H		NO	Enabled	67 %	67 %
12	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	0.0 E	130	H		NO	Enabled	49.9 %	50 %
13	GDM	N42° 32' 45.3150", W072° 03' 29.4776"	14.0 W	40	L		NO	Enabled	73.7 %	73.7 %
14	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH		NO	Enabled	70.7 %	70.8 %
15	AUG	N44° 19' 12.0733", W069° 47' 47.6315"	18.0 W	130	DH		NO	Enabled	14.9 %	14.9 %
16	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	100 %	100 %
17	MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	L		NO	Enabled	57.1 %	57.1 %
18	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	40	L		NO	Enabled	34.3 %	34.4 %
19	ENE	N43° 25' 32.4197", W070° 36' 48.6917"	17.0 W	130	DH		NO	Enabled	100 %	100 %
20	LFV	N42° 01' 01.8758", W070° 02' 14.0373"	16.0 W	130	DH		NO	Enabled	100 %	100 %
21	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	LFV	LWM	MHT	BOS	CON	PSM
1.4	LFV	LWM	MHT	PVD	PSM	BOS
4.3	MHT	PSM	ENE	PVD	BOS	LFV
21.6	ORW	LFV	ENE	PVD	BOS	LWM
52.5	BOS	PUT	CEF	PVD	ORW	GDM
83.3	CTR	EEN	BYT	PVD	PUT	HFD

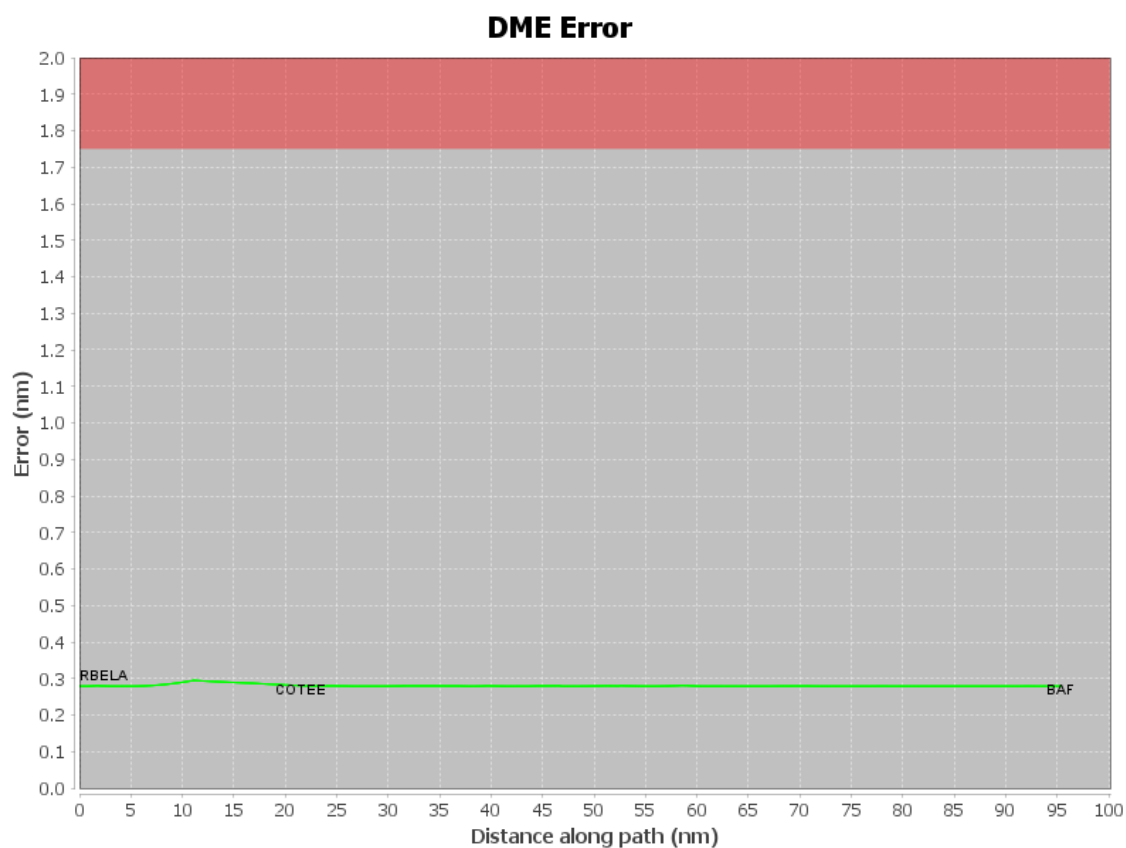
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RBELA	COTEE	MPV, AUG, LWM, CON, ORW, BOS, MHT, PSM, ENE, LFV, PVD	
COTEE	BAF	CTR, HTO, CCC, LWM, CEF, BOS, BAF, HFD, PUT, EEN, GDM, MPV, ORW, MHT, BYT, LFV, ENE, PVD	

DME DME Assessment Results for NUBLE5 path RBELA_BAF

User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
ESV:		Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
2	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
ESV:		Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
3	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
ESV:		Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		
4	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
ESV:		Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
5	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
ESV:		Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		

DME DME Assessment Results for NUBLE5 path RBELA_BAF



DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CON CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON	
	Restriction:	Bearing [True]: 303.0° to 311.0° Bearing [Mag]: 318.0° to 326.0°				Distance: Beyond 30.0 NM Altitude: Below 12000.0 ft		
	Restriction:	Bearing [True]: 7.0° to 17.0° Bearing [Mag]: 22.0° to 32.0°				Distance: Beyond 20.0 NM Altitude: Below 8000.0 ft		
	Restriction:	Bearing [True]: 175.0° to 195.0° Bearing [Mag]: 190.0° to 210.0°				Distance: Beyond 12.0 NM Altitude: Below 4000.0 ft		
	Restriction:	Bearing [True]: 275.0° to 285.0° Bearing [Mag]: 290.0° to 300.0°				Distance: Beyond 30.0 NM Altitude: Below 7000.0 ft		
	Restriction:	Bearing [True]: 67.0° to 95.0° Bearing [Mag]: 82.0° to 110.0°				Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
	ESV:	Bearing [True]: 50.0° to 105.0° Bearing [Mag]: 65.0° to 120.0°				Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 18800.0 ft		
2	CON 1 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 1	
	Restriction:	Bearing [True]: 303.0° to 311.0° Bearing [Mag]: 318.0° to 326.0°				Distance: Beyond 30.0 NM Altitude: Below 12000.0 ft		
	Restriction:	Bearing [True]: 7.0° to 17.0° Bearing [Mag]: 22.0° to 32.0°				Distance: Beyond 20.0 NM Altitude: Below 8000.0 ft		
	Restriction:	Bearing [True]: 175.0° to 195.0° Bearing [Mag]: 190.0° to 210.0°				Distance: Beyond 12.0 NM Altitude: Below 4000.0 ft		
	Restriction:	Bearing [True]: 275.0° to 285.0° Bearing [Mag]: 290.0° to 300.0°				Distance: Beyond 30.0 NM Altitude: Below 7000.0 ft		
	Restriction:	Bearing [True]: 67.0° to 95.0° Bearing [Mag]: 82.0° to 110.0°				Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
	ESV:	Bearing [True]: 52.0° to 52.0° Bearing [Mag]: 67.0° to 67.0°				Arc Distance: Out to 59.0 NM Altitude: 3700.0 to 18800.0 ft		
3	CON 4 CON	N43° 13' 11.2332", W071° 34' 31.6308"	15.0 W	40	714.5	112.9	CON 4	
	Restriction:	Bearing [True]: 303.0° to 311.0° Bearing [Mag]: 318.0° to 326.0°				Distance: Beyond 30.0 NM Altitude: Below 12000.0 ft		
	Restriction:	Bearing [True]: 7.0° to 17.0° Bearing [Mag]: 22.0° to 32.0°				Distance: Beyond 20.0 NM Altitude: Below 8000.0 ft		
	Restriction:	Bearing [True]: 175.0° to 195.0° Bearing [Mag]: 190.0° to 210.0°				Distance: Beyond 12.0 NM Altitude: Below 4000.0 ft		
	Restriction:	Bearing [True]: 275.0° to 285.0° Bearing [Mag]: 290.0° to 300.0°				Distance: Beyond 30.0 NM Altitude: Below 7000.0 ft		
	Restriction:	Bearing [True]: 67.0° to 95.0° Bearing [Mag]: 82.0° to 110.0°				Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
	ESV:	Bearing [True]: 59.0° to 67.0° Bearing [Mag]: 74.0° to 82.0°				Arc Distance: Out to 54.0 NM Altitude: 3400.0 to 18800.0 ft		
4	LWM LWM	N42° 44' 25.5059", W071° 05' 41.4610"	-0.0 E	40	305.8	112.5	LWM	
	Restriction:	Bearing [True]: 160.0° to 195.0° Bearing [Mag]: 160.0° to 195.0°				Distance: Beyond 23.0 NM Altitude: Below 2500.0 ft		
	ESV:	Bearing [True]: 32.0° to 45.0° Bearing [Mag]: 32.0° to 45.0°				Arc Distance: Out to 63.0 NM Altitude: 3600.0 to 18400.0 ft		
5	MHT MHT	N42° 52' 06.7077", W071° 22' 10.3242"	0.0 E	40	470.3	114.4	MHT	
	ESV:	Bearing [True]: 20.0° to 65.0° Bearing [Mag]: 20.0° to 65.0°				Arc Distance: Out to 70.0 NM Altitude: 4900.0 to 18500.0 ft		