

DME DME Assessment Results for CLAMY1 path GON_CLAMY

Results Summary

Flyability:	Completed
DME/DME:	Completed - 2 Critical DMEs: MVY, ACK
Name:	Kelly J Carlson
Project File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK CLAMY1 (RNAV) STAR_20250109 (1).tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK [IFPA] CLAMY1 20250603_1259 CDT\GON_CLAMY\KACK CLAMY1 RNAV STAR GON CLAMY 20250603_1259 CDT.pdf
Procedure Name:	CLAMY1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/03/2025 12:59 CDT
Databases:	MITRE 3DEP 3 arcsec

Failures

NO_COVERAGE_BEGINNING_OF_ROUTE	No Coverage at beginning of route starting at GON
EXCEEDED_DRIFT_TIME	No-coverage segment exceeded drift time (15.43 minutes) from GON to DEEPO

Warnings

EXCEEDED_DRIFT_TIME	ACK is critical
EXCEEDED_DRIFT_TIME	MVY is critical

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
GON	WP	N41° 19' 49.4474", W072° 03' 07.1446"	3000	VNAV	200	FLY_BY	TF
TRAIT	WP	N41° 17' 04.7500", W071° 55' 03.3500"	3000	VNAV	200	FLY_BY	TF
SEY	WP	N41° 10' 02.7700", W071° 34' 33.9100"	3000	VNAV	200	FLY_BY	TF
NEWBE	WP	N41° 12' 24.3900", W071° 04' 26.9200"	3000	VNAV	200	FLY_BY	TF
DEEPO	WP	N41° 06' 53.9600", W070° 50' 09.8500"	3000	VNAV	200	FLY_BY	TF
CLAMY	WP	N41° 10' 40.0000", W070° 32' 06.9700"	3000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KACK [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 CLAMY1 path GON_CLAMY

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	MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	L		YES	Enabled	29.3 %	29.3 %
2	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L		NO	Enabled	16.1 %	16.1 %
3	ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	H		YES	Enabled	29.3 %	29.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
51.4	ACK	MVY				
52.2	MVY	SEY	ACK			
63.9	MVY	ACK				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N41° 19' 48.0886", W072° 03' 03.1435"	N41° 10' 10.3200", W070° 58' 38.3245"	51.2499

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
GON	TRAIT		
TRAIT	SEY		
SEY	NEWBE		
NEWBE	DEEPO	MVY, SEY, ACK	
DEEPO	CLAMY	MVY, SEY, ACK	

DME DME Assessment Results for CLAMY1 path GON_CLAMY

User Data Files

#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ACK ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	99.1	116.2	ACK	
	ESV:	Bearing [True]: 235.0° to 275.0° Bearing [Mag]: 250.0° to 290.0°				Arc Distance: Out to 61.0 NM Altitude: 2900.0 to 14600.0 ft		
2	MVY 1 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 1	
	ESV:	Bearing [True]: 195.0° to 259.0° Bearing [Mag]: 210.0° to 274.0°				Arc Distance: Out to 54.0 NM Altitude: 2900.0 to 18100.0 ft		
3	GON 2 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 2	
	ESV:	Bearing [True]: 47.0° to 53.0° Bearing [Mag]: 61.0° to 67.0°				Arc Distance: Out to 41.0 NM Altitude: 2900.0 to 12100.0 ft		
4	GON 1 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 1	
	ESV:	Bearing [True]: 96.0° to 216.0° Bearing [Mag]: 110.0° to 230.0°				Arc Distance: Out to 40.0 NM Altitude: 2900.0 to 12100.0 ft		
5	MVY 2 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 2	
	ESV:	Bearing [True]: 289.0° to 304.0° Bearing [Mag]: 304.0° to 319.0°				Arc Distance: Out to 45.0 NM Altitude: 2900.0 to 18100.0 ft		

DME DME Assessment Results for CLAMY1 path ORCHA_SEY

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 MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK CLAMY1 (RNAV) STAR_20250109 (1).tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK [IFPA] CLAMY1 20250603_1259 CDT\ORCHA_SEY\KACK CLAMY1 RNAV STAR ORCHA SEY 20250603_1259 CDT.pdf
Procedure Name:	CLAMY1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/03/2025 12:59 CDT
Databases:	MITRE 3DEP 3 arcsec

Failures	
NO_COVERAGE_BEGINNING_OF_ROUTE	No Coverage at beginning of route starting at ORCHA
EXCEEDED_DRIFT_TIME	No-coverage segment exceeded drift time (15.43 minutes) from GON to DEEPO

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
ORCHA	WP	N40° 54' 55.4600", W072° 18' 43.6400"	3000	VNAV	200	FLY_BY	TF
JORDN	WP	N41° 03' 16.9200", W071° 54' 52.6600"	3000	VNAV	200	FLY_BY	TF
SEY	WP	N41° 10' 02.7700", W071° 34' 33.9100"	3000	VNAV	200	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KACK [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 CLAMY1 path ORCHA_SEY

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	MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	L		NO	Enabled	21.4 %	21.4 %
2	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L		NO	Enabled	47.2 %	47.2 %
3	GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	T		NO	Enabled	67.1 %	67.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
11.9	SEY	GON				
28.7	SEY	GON	MVY			
29.3	MVY	GON				
36.6						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N40° 54' 56.8637", W072° 18' 39.6623"	N40° 59' 56.3715", W072° 04' 27.3697"	11.8623
2	N41° 10' 00.0941", W071° 34' 41.9949"	N41° 10' 02.7700", W071° 34' 33.9100"	0.1111

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ORCHA	JORDN	SEY, GON	
JORDN	SEY	MVY, SEY, GON	

DME DME Assessment Results for CLAMY1 path ORCHA_SEY

User Data Files

#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ACK ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	99.1	116.2	ACK	
	ESV:	Bearing [True]: 235.0° to 275.0° Bearing [Mag]: 250.0° to 290.0°				Arc Distance: Out to 61.0 NM Altitude: 2900.0 to 14600.0 ft		
2	MVY 1 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 1	
	ESV:	Bearing [True]: 195.0° to 259.0° Bearing [Mag]: 210.0° to 274.0°				Arc Distance: Out to 54.0 NM Altitude: 2900.0 to 18100.0 ft		
3	GON 2 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 2	
	ESV:	Bearing [True]: 47.0° to 53.0° Bearing [Mag]: 61.0° to 67.0°				Arc Distance: Out to 41.0 NM Altitude: 2900.0 to 12100.0 ft		
4	GON 1 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 1	
	ESV:	Bearing [True]: 96.0° to 216.0° Bearing [Mag]: 110.0° to 230.0°				Arc Distance: Out to 40.0 NM Altitude: 2900.0 to 12100.0 ft		
5	MVY 2 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 2	
	ESV:	Bearing [True]: 289.0° to 304.0° Bearing [Mag]: 304.0° to 319.0°				Arc Distance: Out to 45.0 NM Altitude: 2900.0 to 18100.0 ft		

DME DME Assessment Results for CLAMY1 path PVD_NEWBE

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 MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK CLAMY1 (RNAV) STAR_20250109 (1).tgs
Output File:	C:\Users\Kelly J Carlson\OneDrive - Federal Aviation Administration\A-FPT\STATE MA\KACK\CLAMY ONE ARRIVAL (RNAV)\KACK [IFPA] CLAMY1 20250603_1259 CDT\PVD_NEWBE\KACK CLAMY1 RNAV STAR PVD NEWBE 20250603_1259 CDT.pdf
Procedure Name:	CLAMY1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/03/2025 12:59 CDT
Databases:	MITRE 3DEP 3 arcsec

Failures

EXCEEDED_DRIFT_TIME	No-coverage segment exceeded drift time (15.43 minutes) from GON to DEEPO
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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
PVD	WP	N41° 43' 27.6382", W071° 25' 46.6990"	3000	VNAV	200	FLY_BY	TF
NEWBE	WP	N41° 12' 24.3900", W071° 04' 26.9200"	3000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KACK [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 CLAMY1 path PVD_NEWBE

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	MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	L		NO	Enabled	85.1 %	85.1 %
2	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L		NO	Enabled	85.1 %	85.1 %
3	GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	T		NO	Enabled	1.1 %	1.1 %
4	ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	H		NO	Enabled	5.9 %	5.9 %
5	PVD	N41° 43' 27.6382", W071° 25' 46.6990"	14.0 W	130	DH		NO	Enabled	51.7 %	51.7 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MVY	SEY	GON			
0.4	MVY	SEY				
11.7	MVY	SEY	PVD			
27.7	SEY	PVD	MVY	ACK		
29.8						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N41° 17' 00.1370", W071° 07' 34.8626"	N41° 12' 24.3900", W071° 04' 26.9200"	5.1654

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PVD	NEWBE	MVY, SEY, GON, ACK, PVD	

DME DME Assessment Results for CLAMY1 path PVD_NEWBE

User Data Files

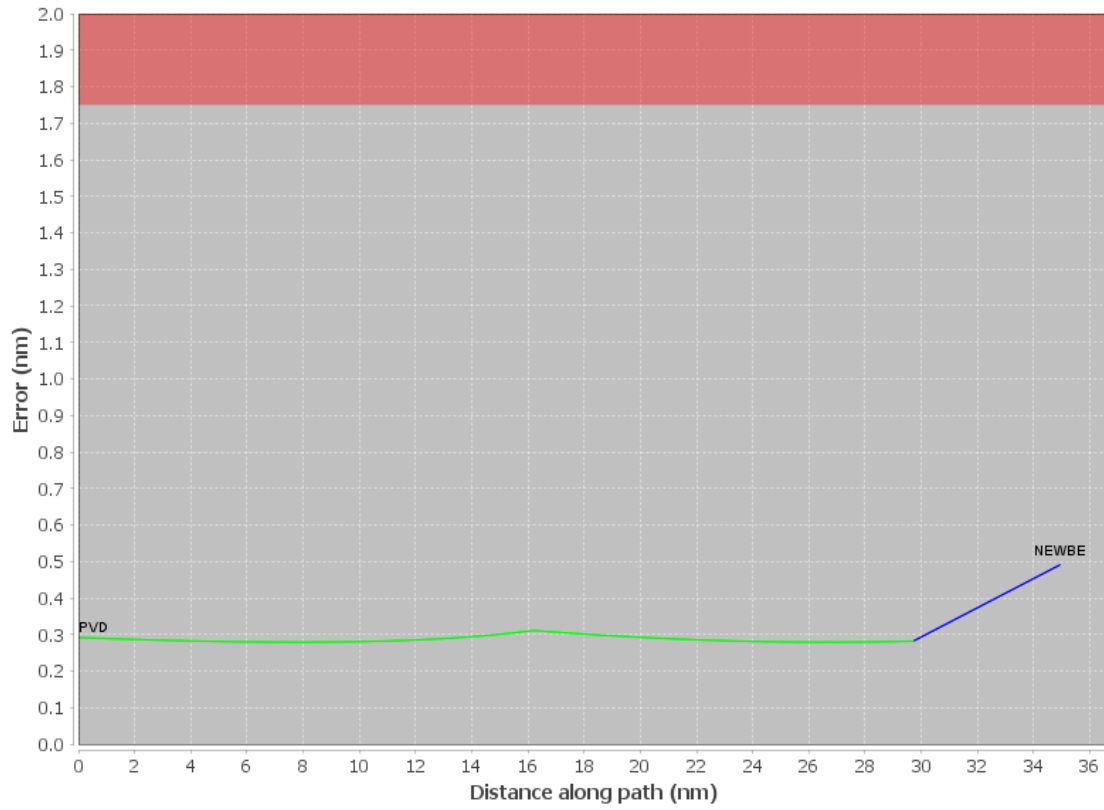
#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ACK ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	99.1	116.2	ACK	
	ESV:	Bearing [True]: 235.0° to 275.0° Bearing [Mag]: 250.0° to 290.0°				Arc Distance: Out to 61.0 NM Altitude: 2900.0 to 14600.0 ft		
2	MVY 1 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 1	
	ESV:	Bearing [True]: 195.0° to 259.0° Bearing [Mag]: 210.0° to 274.0°				Arc Distance: Out to 54.0 NM Altitude: 2900.0 to 18100.0 ft		
3	GON 2 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 2	
	ESV:	Bearing [True]: 47.0° to 53.0° Bearing [Mag]: 61.0° to 67.0°				Arc Distance: Out to 41.0 NM Altitude: 2900.0 to 12100.0 ft		
4	GON 1 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 1	
	ESV:	Bearing [True]: 96.0° to 216.0° Bearing [Mag]: 110.0° to 230.0°				Arc Distance: Out to 40.0 NM Altitude: 2900.0 to 12100.0 ft		
5	MVY 2 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 2	
	ESV:	Bearing [True]: 289.0° to 304.0° Bearing [Mag]: 304.0° to 319.0°				Arc Distance: Out to 45.0 NM Altitude: 2900.0 to 18100.0 ft		

DME DME Assessment Results for CLAMY1 path PVD_NEWBE

DME Error



DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ACK ACK	N41° 16' 54.7942", W070° 01' 36.1570"	15.0 W	130	99.1	116.2	ACK	
	ESV:	Bearing [True]: 235.0° to 275.0° Bearing [Mag]: 250.0° to 290.0°				Arc Distance: Out to 61.0 NM Altitude: 2900.0 to 14600.0 ft		
2	GON 1 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 1	
	Restriction:	Bearing [True]: 341.0° to 5.0° Bearing [Mag]: 355.0° to 19.0°				Distance: All Altitude: Below 3000.0 ft		
	ESV:	Bearing [True]: 96.0° to 216.0° Bearing [Mag]: 110.0° to 230.0°				Arc Distance: Out to 40.0 NM Altitude: 2900.0 to 12100.0 ft		
3	GON 2 GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	9.2	110.85	GON 2	
	Restriction:	Bearing [True]: 341.0° to 5.0° Bearing [Mag]: 355.0° to 19.0°				Distance: All Altitude: Below 3000.0 ft		
	ESV:	Bearing [True]: 47.0° to 53.0° Bearing [Mag]: 61.0° to 67.0°				Arc Distance: Out to 41.0 NM Altitude: 2900.0 to 12100.0 ft		
4	MVY 1 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 1	
	ESV:	Bearing [True]: 195.0° to 259.0° Bearing [Mag]: 210.0° to 274.0°				Arc Distance: Out to 54.0 NM Altitude: 2900.0 to 18100.0 ft		
5	MVY 2 MVY	N41° 23' 46.3729", W070° 36' 45.7772"	15.0 W	40	61.9	114.5	MVY 2	
	ESV:	Bearing [True]: 289.0° to 304.0° Bearing [Mag]: 304.0° to 319.0°				Arc Distance: Out to 45.0 NM Altitude: 2900.0 to 18100.0 ft		