DME DME Assessment Results for Q121_ path PARZZ_STORZ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Derrick CTR Aubuchon
Project File:	C:\Users\Derrick CTR Aubuchon\OneDrive - Federal Aviation Administration\Desktop\DLA Working_20251002\TWLC\Q121&Q156\Q121-Q156.tgs
Output File:	C:\Users\Derrick CTR Aubuchon\OneDrive - Federal Aviation Administration\Desktop\DLA Working_20251002\TWLC\Q121&Q156\DMEDME\Q121_ 20251021_1721 EDT\PARZZ_STORZ\Q121_ RNAV ROUTE PARZZ STORZ 20251021_1721 EDT.pdf
Procedure Name:	Q121_
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/21/2025 17:21 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
PARZZ	WP	N41° 36' 14.640000", W115° 02' 09.690000"	24000	VNAV	260	FLY_BY	TF
PIH	WP	N42° 52' 13.384300", W112° 39' 08.026600"	24000	VNAV	260	FLY_BY	TF
STORZ	WP	N46° 13' 58.390000", W105° 12' 52.300000"	24000	VNAV	260	FLY_BY	TF

Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
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 Q121_ path PARZZ_STORZ

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:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not 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 Q121_ path PARZZ_STORZ

DME/DME (Continued)

DMEs Used

#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	RIW	N43° 03' 56.627900", W108° 27' 19.924100"	10.0 E	130	DH		NO	Enabled	34.6 %	34.6 %
2	LVM	N45° 42' 08.933700", W110° 26' 32.826300"	15.0 E	130	DH		NO	Enabled	5.9 %	5.9 %
3	MLD	N42° 11' 59.641000", W112° 27' 04.446000"	17.0 E	130	DH		NO	Enabled	39.9 %	39.9 %
4	IDA	N43° 31' 08.418900", W112° 03' 50.101000"	15.0 E	130	DH		NO	Enabled	50.6 %	50.6 %
5	EVW	N41° 16' 20.955900", W111° 02' 48.359400"	13.0 E	130	DL		NO	Enabled	7.7 %	7.7 %
6	DNW	N43° 49' 41.801000", W110° 20' 07.708000"	15.0 E	130	H		NO	Enabled	5.3 %	5.3 %
7	DBS	N44° 05' 19.872000", W112° 12' 33.636000"	15.0 E	130	H		NO	Enabled	46.8 %	46.8 %
8	MLS	N46° 22' 56.015700", W105° 57' 12.721200"	9.0 E	130	DH		NO	Enabled	29.4 %	29.4 %
9	GDV	N47° 08' 00.140000", W104° 48' 17.060000"	0.0 E	130	DH		NO	Enabled	16.1 %	16.1 %
10	COD	N44° 37' 13.625500", W108° 57' 53.702100"	14.0 E	130	DH		NO	Enabled	28 %	28 %
11	SHR	N44° 50' 32.279900", W107° 03' 39.961000"	10.0 E	130	DH		NO	Enabled	28 %	28 %
12	BOI	N43° 33' 10.121100", W116° 11' 31.652200"	17.0 E	130	H		NO	Enabled	8.5 %	8.5 %
13	RLY	N43° 57' 50.898000", W107° 57' 03.024300"	13.0 E	130	DH		NO	Enabled	45.1 %	45.1 %
14	LWL	N41° 08' 41.290000", W114° 58' 39.040000"	17.0 E	130	DH		NO	Enabled	1.2 %	1.2 %
15	TWF	N42° 28' 47.461200", W114° 29' 22.049800"	18.0 E	130	H		NO	Enabled	34.9 %	34.9 %
16	BIL	N45° 48' 30.813100", W108° 37' 28.731300"	14.0 E	130	H		NO	Enabled	46.4 %	46.4 %
17	GCC	N44° 20' 51.982500", W105° 32' 36.549200"	9.0 E	130	H		NO	Enabled	23 %	23 %
18	BQU	N40° 45' 34.835800", W115° 45' 40.954500"	17.0 E	130	DH		NO	Enabled	14 %	14 %
19	DIK	N46° 51' 36.139900", W102° 46' 24.599400"	14.0 E	130	H		NO	Enabled	4.4 %	4.4 %
20	OGD	N41° 13' 26.742000", W112° 05' 53.667000"	14.0 E	130	H		NO	Enabled	27.7 %	27.7 %
21	BOY	N43° 27' 47.347000", W108° 17' 58.964000"	16.0 E	130	DH		NO	Enabled	40.6 %	40.6 %
22	BAM	N40° 34' 08.690200", W116° 55' 20.122600"	13.0 E	130	H		NO	Enabled	4.8 %	4.8 %
23	PIH	N42° 52' 13.384300", W112° 39' 08.026600"	17.0 E	130	H		NO	Enabled	49.3 %	49.3 %
24	WYS	N44° 40' 32.770000", W111° 07' 41.410000"	0.0 E	130	DH		NO	Enabled	46.3 %	46.3 %
25	CZI	N43° 59' 59.020000", W106° 26' 08.630000"	13.0 E	130	DH		NO	Enabled	24.5 %	24.5 %
26	BZN	N45° 47' 02.036100", W111° 09' 19.637600"	18.0 E	130	DH		NO	Enabled	1.1 %	1.1 %
27	TCH	N40° 51' 00.932900", W111° 58' 54.860100"	16.0 E	130	H		NO	Enabled	18.2 %	18.2 %
28	BVL	N40° 43' 33.951000", W113° 45' 26.702000"	12.0 E	130	H		NO	Enabled	18.6 %	18.6 %
29	BPI	N42° 34' 46.010800", W110° 06' 33.169900"	10.0 E	130	DH		NO	Enabled	33.8 %	33.8 %
30	LCU	N41° 21' 46.626000", W113° 50' 26.230000"	17.0 E	130	H		NO	Enabled	19.2 %	19.2 %

DME DME Assessment Results for Q121_ path PARZZ_STORZ

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	TWF	LCU	BQU	BVL	BAM	MLD
8.7	TWF	LCU	BQU	LWL	MLD	BAM
12.4	TWF	LCU	BQU	OGD	BAM	PIH
15.2	TWF	LCU	BQU	BVL	PIH	BAM
24.5	BQU	LCU	TWF	BVL	MLD	PIH
40.6	MLD	TWF	PIH	LCU	BQU	OGD
71.2	MLD	LCU	TWF	BVL	OGD	PIH
81.0	MLD	LCU	TWF	OGD	PIH	IDA
92.0	MLD	IDA	PIH	OGD	DBS	TWF
126.1	MLD	TWF	IDA	OGD	DBS	TCH
134.5	MLD	TWF	DBS	OGD	IDA	WYS
157.5	MLD	BPI	DBS	PIH	IDA	TWF
177.2	IDA	PIH	DBS	MLD	BPI	WYS
202.7	IDA	WYS	DBS	PIH	BPI	
260.9	DBS	BPI	IDA	WYS	RLY	BIL
302.6	COD	BOY	RLY	BIL	RIW	WYS
319.6	RLY	BIL	WYS	BOY	RIW	
364.2	COD	BIL	RLY	CZI	MLS	BOY
411.6	MLS	BIL	RLY	SHR	GCC	CZI
452.9	MLS	BIL	SHR	CZI	GCC	GDV
485.7	MLS	GDV	SHR	DIK	BIL	GCC
490.6	MLS	GDV	SHR	DIK	GCC	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
PARZZ	PIH	LWL, TWF, MLD, BQU, IDA, OGD, BAM, PIH, WYS, DBS, TCH, BVL, BOI, LCU	
PIH	STORZ	RIW, TWF, LVM, MLD, BIL, GCC, IDA, EVW, DIK, DNW, OGD, BOY, PIH, WYS, CZI, DBS, MLS, BZN, TCH, GDV, COD, BPI, SHR, RLY	

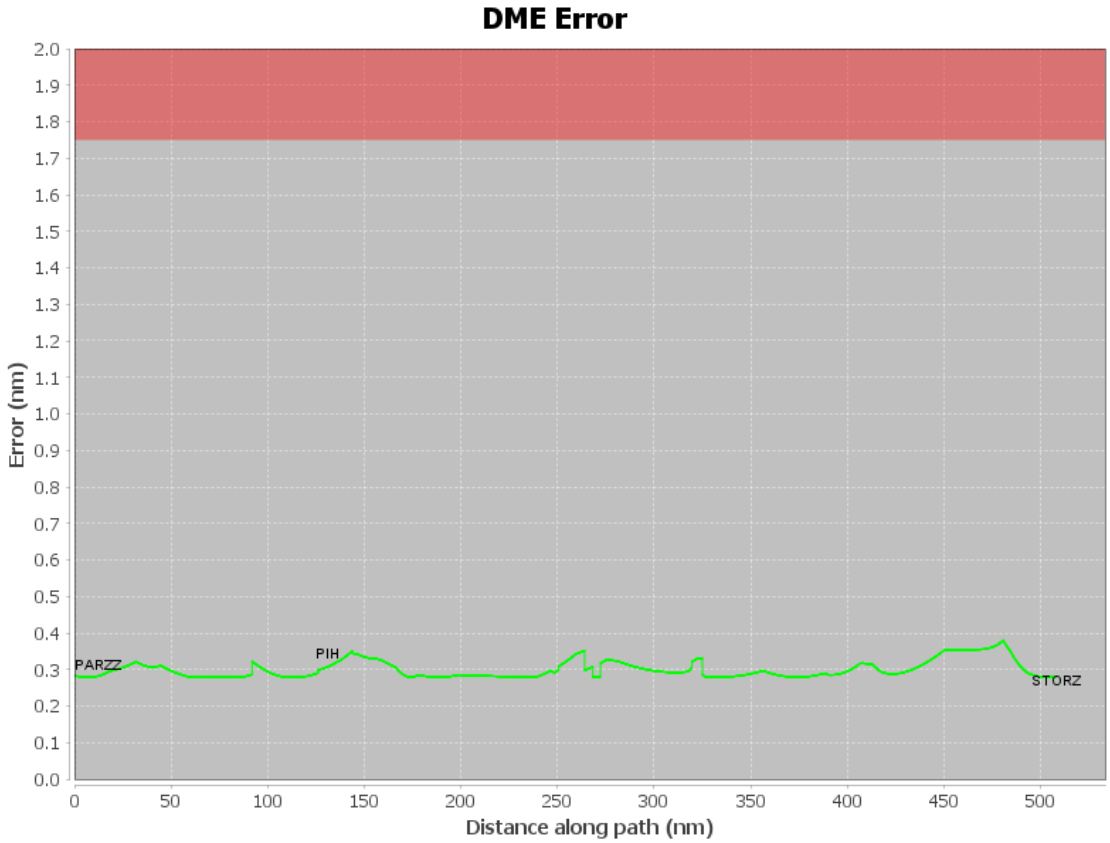
User Data Files

#	File Name
None	

User DMEs

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

DME DME Assessment Results for Q121_ path PARZZ_STORZ



DME DME Assessment Results for Q121_ path STORZ_PARZZ

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Derrick CTR Aubuchon
Project File:	C:\Users\Derrick CTR Aubuchon\OneDrive - Federal Aviation Administration\Desktop\DLA Working_20251002\TWLC\Q121&Q156\Q121-Q156.tgs
Output File:	C:\Users\Derrick CTR Aubuchon\OneDrive - Federal Aviation Administration\Desktop\DLA Working_20251002\TWLC\Q121&Q156\DMEDME\Q121_ 20251021_1721 EDT\STORZ_PARZZ\Q121_ RNAV ROUTE STORZ PARZZ 20251021_1721 EDT.pdf
Procedure Name:	Q121_
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/21/2025 17:21 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
STORZ	WP	N46° 13' 58.390000", W105° 12' 52.300000"	24000	VNAV	260	FLY_BY	TF
PIH	WP	N42° 52' 13.384300", W112° 39' 08.026600"	24000	VNAV	260	FLY_BY	TF
PARZZ	WP	N41° 36' 14.640000", W115° 02' 09.690000"	24000	VNAV	260	FLY_BY	TF

Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
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 Q121_ path STORZ_PARZZ

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:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not 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 Q121_ path STORZ_PARZZ

DME/DME (Continued)

DMEs Used

#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	RIW	N43° 03' 56.627900", W108° 27' 19.924100"	10.0 E	130	DH		NO	Enabled	34.6 %	34.6 %
2	LVM	N45° 42' 08.933700", W110° 26' 32.826300"	15.0 E	130	DH		NO	Enabled	5.9 %	5.9 %
3	MLD	N42° 11' 59.641000", W112° 27' 04.446000"	17.0 E	130	DH		NO	Enabled	39.9 %	39.9 %
4	IDA	N43° 31' 08.418900", W112° 03' 50.101000"	15.0 E	130	DH		NO	Enabled	50.6 %	50.6 %
5	EVW	N41° 16' 20.955900", W111° 02' 48.359400"	13.0 E	130	DL		NO	Enabled	7.7 %	7.7 %
6	DNW	N43° 49' 41.801000", W110° 20' 07.708000"	15.0 E	130	H		NO	Enabled	5.3 %	5.3 %
7	DBS	N44° 05' 19.872000", W112° 12' 33.636000"	15.0 E	130	H		NO	Enabled	46.8 %	46.8 %
8	MLS	N46° 22' 56.015700", W105° 57' 12.721200"	9.0 E	130	DH		NO	Enabled	29.4 %	29.4 %
9	GDV	N47° 08' 00.140000", W104° 48' 17.060000"	0.0 E	130	DH		NO	Enabled	16.1 %	16.1 %
10	COD	N44° 37' 13.625500", W108° 57' 53.702100"	14.0 E	130	DH		NO	Enabled	28 %	28 %
11	SHR	N44° 50' 32.279900", W107° 03' 39.961000"	10.0 E	130	DH		NO	Enabled	28 %	28 %
12	BOI	N43° 33' 10.121100", W116° 11' 31.652200"	17.0 E	130	H		NO	Enabled	8.5 %	8.5 %
13	RLY	N43° 57' 50.898000", W107° 57' 03.024300"	13.0 E	130	DH		NO	Enabled	45.1 %	45.1 %
14	LWL	N41° 08' 41.290000", W114° 58' 39.040000"	17.0 E	130	DH		NO	Enabled	1.2 %	1.2 %
15	TWF	N42° 28' 47.461200", W114° 29' 22.049800"	18.0 E	130	H		NO	Enabled	34.9 %	34.9 %
16	BIL	N45° 48' 30.813100", W108° 37' 28.731300"	14.0 E	130	H		NO	Enabled	46.4 %	46.4 %
17	GCC	N44° 20' 51.982500", W105° 32' 36.549200"	9.0 E	130	H		NO	Enabled	23 %	23 %
18	DIK	N46° 51' 36.139900", W102° 46' 24.599400"	14.0 E	130	H		NO	Enabled	4.4 %	4.4 %
19	BQU	N40° 45' 34.835800", W115° 45' 40.954500"	17.0 E	130	DH		NO	Enabled	14 %	14 %
20	BOY	N43° 27' 47.347000", W108° 17' 58.964000"	16.0 E	130	DH		NO	Enabled	40.6 %	40.6 %
21	OGD	N41° 13' 26.742000", W112° 05' 53.667000"	14.0 E	130	H		NO	Enabled	27.7 %	27.7 %
22	PIH	N42° 52' 13.384300", W112° 39' 08.026600"	17.0 E	130	H		NO	Enabled	49.3 %	49.3 %
23	BAM	N40° 34' 08.690200", W116° 55' 20.122600"	13.0 E	130	H		NO	Enabled	4.8 %	4.8 %
24	WYS	N44° 40' 32.770000", W111° 07' 41.410000"	0.0 E	130	DH		NO	Enabled	46.3 %	46.3 %
25	CZI	N43° 59' 59.020000", W106° 26' 08.630000"	13.0 E	130	DH		NO	Enabled	24.5 %	24.5 %
26	BZN	N45° 47' 02.036100", W111° 09' 19.637600"	18.0 E	130	DH		NO	Enabled	1.1 %	1.1 %
27	TCH	N40° 51' 00.932900", W111° 58' 54.860100"	16.0 E	130	H		NO	Enabled	18.2 %	18.2 %
28	BVL	N40° 43' 33.951000", W113° 45' 26.702000"	12.0 E	130	H		NO	Enabled	18.6 %	18.6 %
29	BPI	N42° 34' 46.010800", W110° 06' 33.169900"	10.0 E	130	DH		NO	Enabled	33.8 %	33.8 %
30	LCU	N41° 21' 46.626000", W113° 50' 26.230000"	17.0 E	130	H		NO	Enabled	19.2 %	19.2 %

DME DME Assessment Results for Q121_ path STORZ_PARZZ

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	MLS	GDV	GCC	SHR	DIK	
22.2	MLS	GDV	SHR	BIL	GCC	CZI
81.7	SHR	BIL	MLS	GCC	RLY	CZI
117.0	COD	SHR	BIL	CZI	MLS	RLY
142.5	COD	BIL	RLY	CZI	MLS	BOY
146.2	COD	BIL	RLY	WYS	BOY	MLS
149.6	COD	BIL	RLY	WYS	BOY	RIW
183.0	BIL	WYS	RLY	BOY	RIW	
253.2	IDA	WYS	DBS	BPI	RLY	PIH
284.3	IDA	WYS	BPI	DBS	PIH	BOY
301.6	IDA	WYS	PIH	BPI	DBS	RIW
304.8	IDA	WYS	DBS	PIH	BPI	
364.0	MLD	PIH	TWF	DBS	EVW	OGD
371.1	MLD	TWF	DBS	OGD	PIH	IDA
372.0	MLD	TWF	DBS	OGD	IDA	WYS
378.9	MLD	TWF	OGD	DBS	IDA	TCH
438.6	MLD	LCU	TWF	BVL	PIH	OGD
445.1	MLD	LCU	TWF	PIH	OGD	IDA
462.4	MLD	LCU	TWF	PIH	BQU	BOI
500.2	TWF	LCU	BQU	LWL	BVL	BAM
501.7	TWF	LCU	BQU	BVL	BAM	PIH
507.5	TWF	LCU	BQU	BVL	BAM	MLD

Inertial Drift Segments

#	Start Location	End Location	Length [NM]

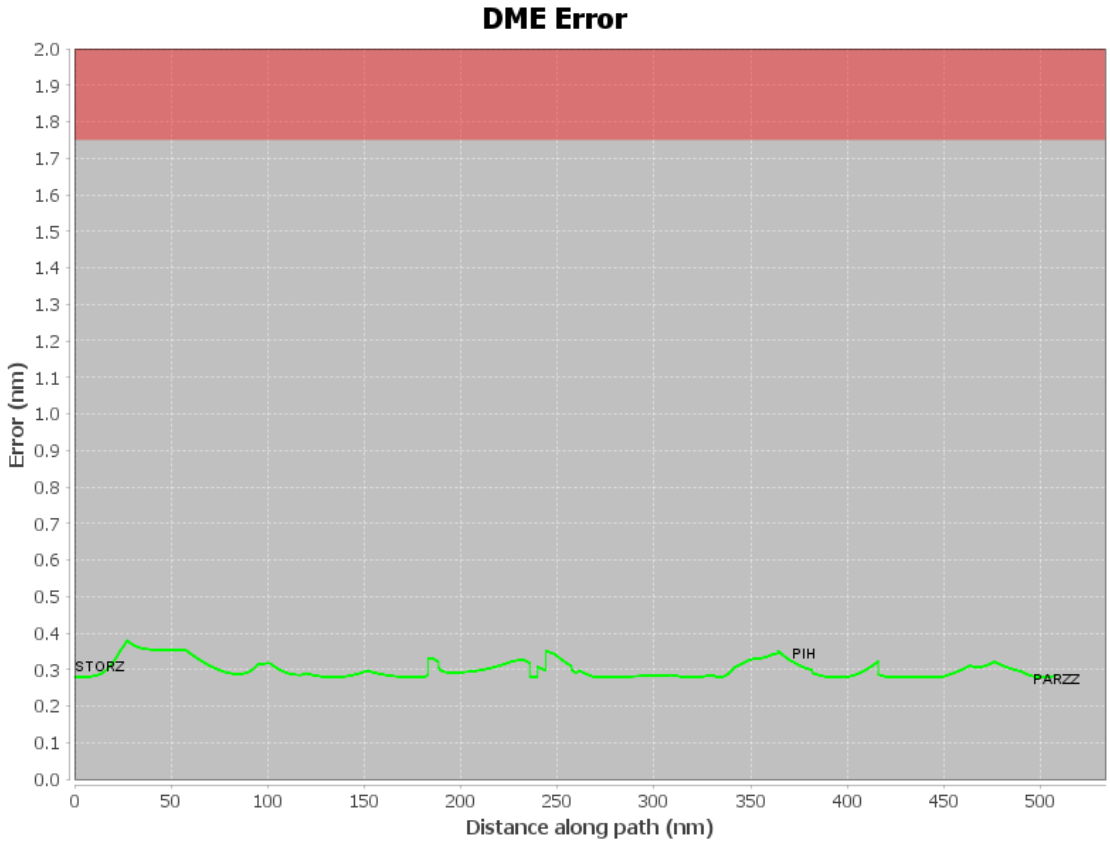
Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
STORZ	PIH	RIW, LVM, TWF, BIL, MLD, GCC, DIK, IDA, EVW, DNW, BOY, OGD, PIH, WYS, CZI, DBS, MLS, BZN, GDV, TCH, COD, BPI, SHR, RLY	
PIH	PARZZ	LWL, TWF, MLD, IDA, BQU, OGD, PIH, BAM, WYS, DBS, TCH, BVL, BOI, LCU	

User Data Files

#	File Name
None	

User DMEs

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

DME DME Assessment Results for Q121_ path STORZ_PARZZ