

DME DME Assessment Results for BDEGA4 path MRRLO_BGGLO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\20230215 Desktop_JT\NCT FWG 20230424\KSFO for EPS\20230517 KSFO FOR EPS.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSFO SubPak\SubPak FPT\BDEGA\KSFO [IFPA] BDEGA4 20230725_1244 MDT\MRRLO_BGGLO\KSFO BDEGA4 RNAV STAR MRRLO BGGLO 20230725_1244 MDT.pdf
Procedure Name:	BDEGA4
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:44 MDT
Databases:	DTED Level 0 Max

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
MRRLO	WP	N38° 53' 51.17", W122° 34' 41.64"	11000	VNAV	280	FLY_BY	TF
MSCAT_	WP	N38° 37' 25.53", W122° 39' 20.22"	11000	VNAV	280	FLY_BY	TF
BGGLO	WP	N38° 13' 28.52", W122° 46' 03.02"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSFO [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 BDEGA4 path MRRLO_BGGLO

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	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
2	ILA	N39° 04' 16.23", W122° 01' 38.17"	18.0 E	40	L	IFPA	NO	Enabled	33.6 %	33.6 %
3	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
4	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	40	L	IFPA	NO	Enabled	82.7 %	82.7 %
5	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	18 %	18 %
6	ENI	N39° 03' 11.58", W123° 16' 27.58"	16.0 E	130	H	IFPA	NO	Enabled	26.6 %	26.6 %
7	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
8	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	79.7 %	79.7 %
9	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ENI	PYE	STS	ILA	OAK	LIN
11.1	ILA	SGD	OAK	LIN	STS	PYE
13.9	PYE	LIN	SGD	STS	OAK	MOD
22.6	PYE	LIN	MOD	SGD	OAK	

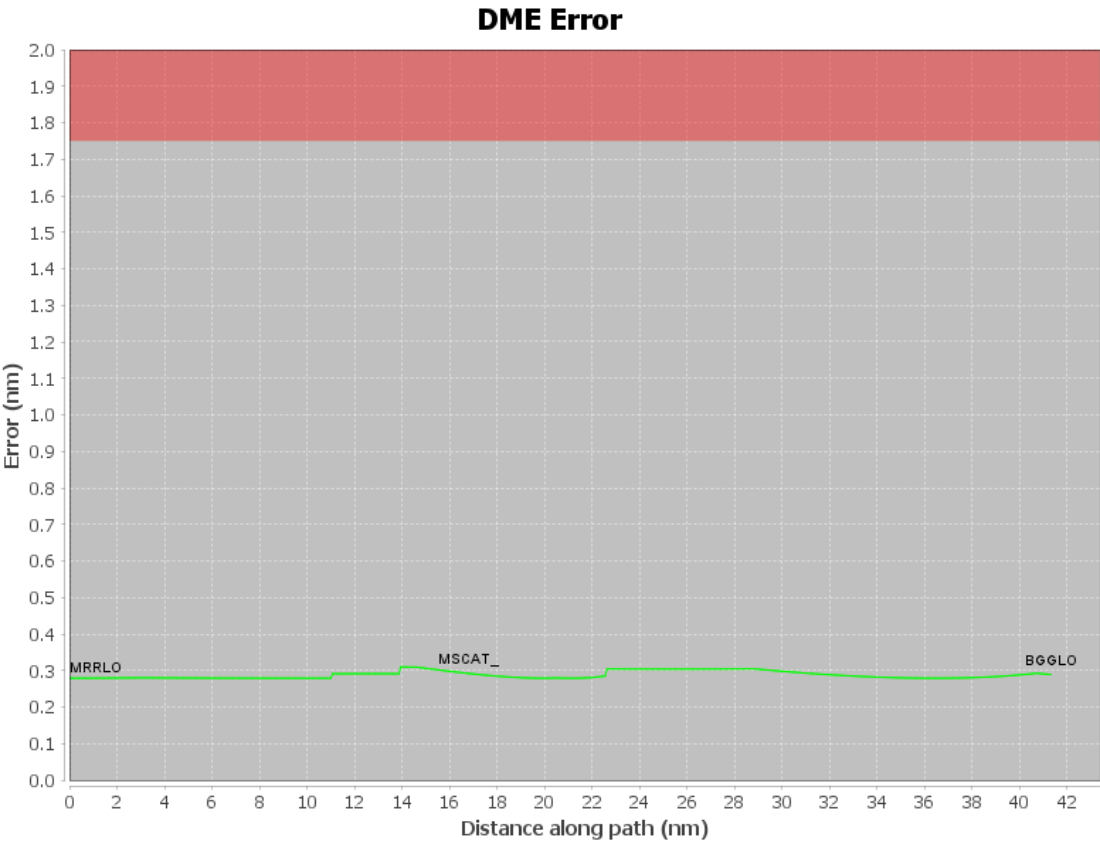
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MRRLO	MSCAT	LIN, ENI, SGD, MOD, STS, OAK, PYE, ILA	
MSCAT	BGGLO	LIN, SGD, STS, MOD, SAU, OAK, PYE	

DME DME Assessment Results for BDEGA4 path MRRLO_BGGLO

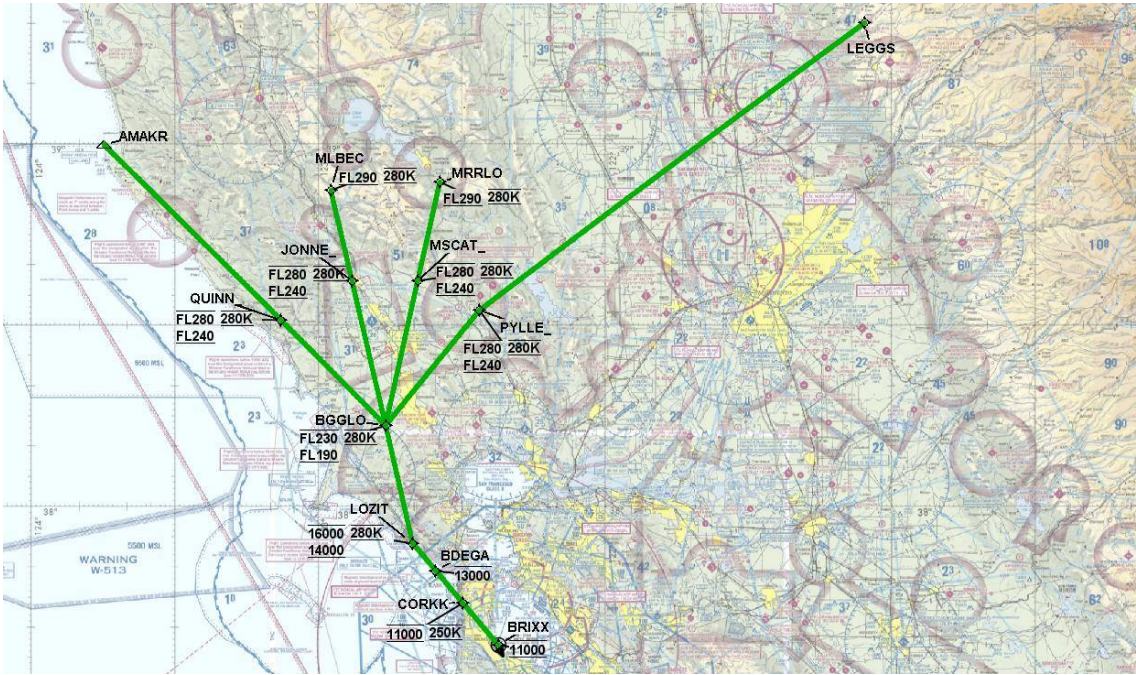
User Data Files								
#	File Name							
1	ALWYS ESV.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for BDEGA4 path MRRLO_BGGLO



DME DME Assessment Results for BDEGA4 path MRRLO_BGGLO

Graphic Depiction 1



DME DME Assessment Results for BDEGA4 path MLBEC_BGGLO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\20230215 Desktop_JT\NCT FWG 20230424\KSFO for EPS\20230517 KSFO FOR EPS.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSFO SubPak\SubPak FPT\BDEGA\KSFO [IFPA] BDEGA4 20230725_1244 MDT\MLBEC_BGGLO\KSFO BDEGA4 RNAV STAR MLBEC BGGLO 20230725_1244 MDT.pdf
Procedure Name:	BDEGA4
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:44 MDT
Databases:	DTED Level 0 Max

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
MLBEC	WP	N38° 52' 29.18", W122° 57' 32.36"	15000	VNAV	280	FLY_BY	TF
JONNE_	WP	N38° 37' 22.31", W122° 53' 03.96"	15000	VNAV	280	FLY_BY	TF
BGGLO	WP	N38° 13' 28.52", W122° 46' 03.02"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSFO [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 BDEGA4 path MLBEC_BGGLO

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	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
2	RBL	N40° 05' 56.08", W122° 14' 10.86"	18.0 E	130	H	IFPA	NO	Enabled	39.5 %	39.5 %
3	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
4	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	40	L	IFPA	NO	Enabled	67.3 %	67.3 %
5	ENI	N39° 03' 11.58", W123° 16' 27.58"	16.0 E	130	H	IFPA	NO	Enabled	52.9 %	52.9 %
6	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
7	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	72.7 %	72.7 %
8	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled	41.1 %	41.1 %
9	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SAC	RBL	ENI	PYE	LIN	STS
15.7	PYE	SAC	RBL	LIN	OAK	SGD
15.9	PYE	SAC	LIN	OAK	ENI	SGD
16.5	PYE	LIN	SGD	MOD	OAK	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MLBEC	JONNE	LIN, ENI, SGD, MOD, STS, SAC, OAK, RBL, PYE	
JONNE	BGGLO	LIN, ENI, SGD, MOD, STS, SAC, OAK, RBL, PYE	

DME DME Assessment Results for BDEGA4 path MLBEC_BGGLO

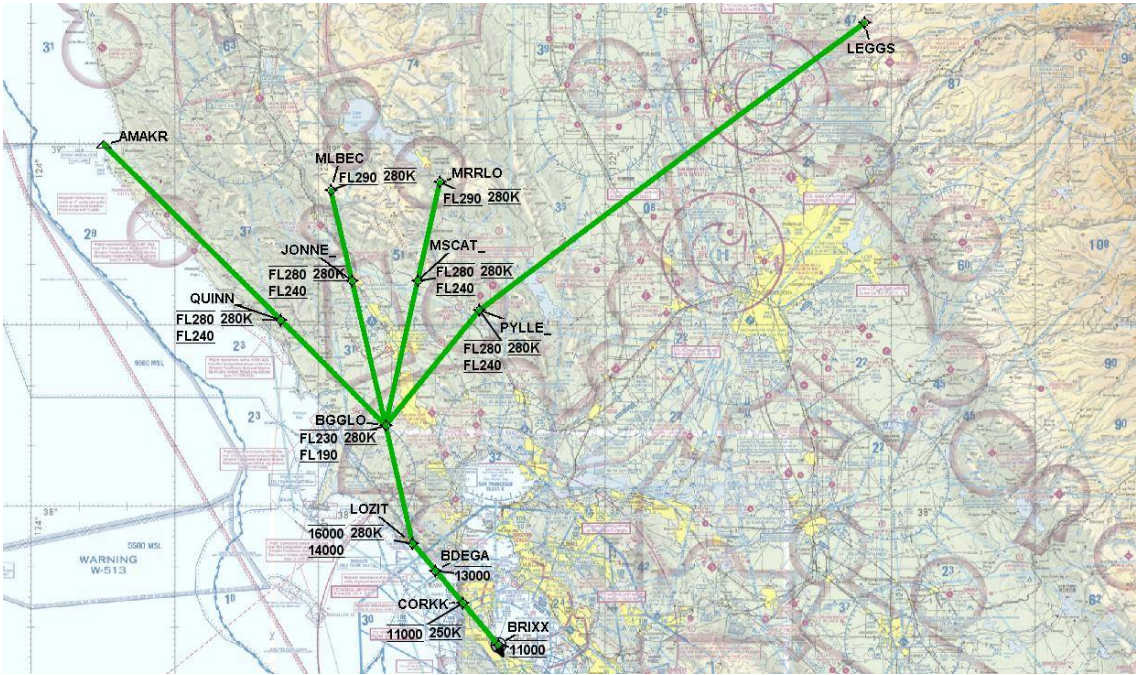
User Data Files								
#	File Name							
1	ALWYS ESV.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for BDEGA4 path MLBEC_BGGLO



DME DME Assessment Results for BDEGA4 path MLBEC_BGGLO

Graphic Depiction 1



DME DME Assessment Results for BDEGA4 path LEGGS_BGGLO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\20230215 Desktop_JT\NCT FWG 20230424\KSFO for EPS\20230517 KSFO FOR EPS.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSFO SubPak\SubPak FPT\BDEGA\KSFO [IFPA] BDEGA4 20230725_1244 MDT\LEGGS_BGGLO\KSFO BDEGA4 RNAV STAR LEGGS BGGLO 20230725_1244 MDT.pdf
Procedure Name:	BDEGA4
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:44 MDT
Databases:	DTED Level 0 Max

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
LEGGS	WP	N39° 20' 11.85", W121° 05' 44.75"	15000	VNAV	280	FLY_BY	TF
PYLLE_	WP	N38° 32' 31.77", W122° 26' 25.93"	15000	VNAV	280	FLY_BY	TF
BGGLO	WP	N38° 13' 28.52", W122° 46' 03.02"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSFO [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 BDEGA4 path LEGGS_BGGLO

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	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled	52.4 %	52.4 %
3	RBL	N40° 05' 56.08", W122° 14' 10.86"	18.0 E	130	H	IFPA	NO	Enabled	76.6 %	76.6 %
4	ILA	N39° 04' 16.23", W122° 01' 38.17"	18.0 E	40	L	IFPA	NO	Enabled	70.4 %	70.4 %
5	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	47.8 %	47.8 %
6	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	40	L	IFPA	NO	Enabled	44.7 %	44.8 %
7	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	15.2 %	15.2 %
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
9	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	72 %	72 %
10	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled	77.2 %	77.2 %
11	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SWR	SAC	RBL	LIN	MOD	PYE
54.3	PYE	SAC	LIN	STS	ILA	RBL
79.3	SGD	STS	OAK	ILA	LIN	SAC
79.9	SGD	STS	OAK	ILA	LIN	PYE
81.1	SGD	STS	OAK	PYE	LIN	MOD

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

DME DME Assessment Results for BDEGA4 path LEGGS_BGGLO

Available DMEs by Waypoints

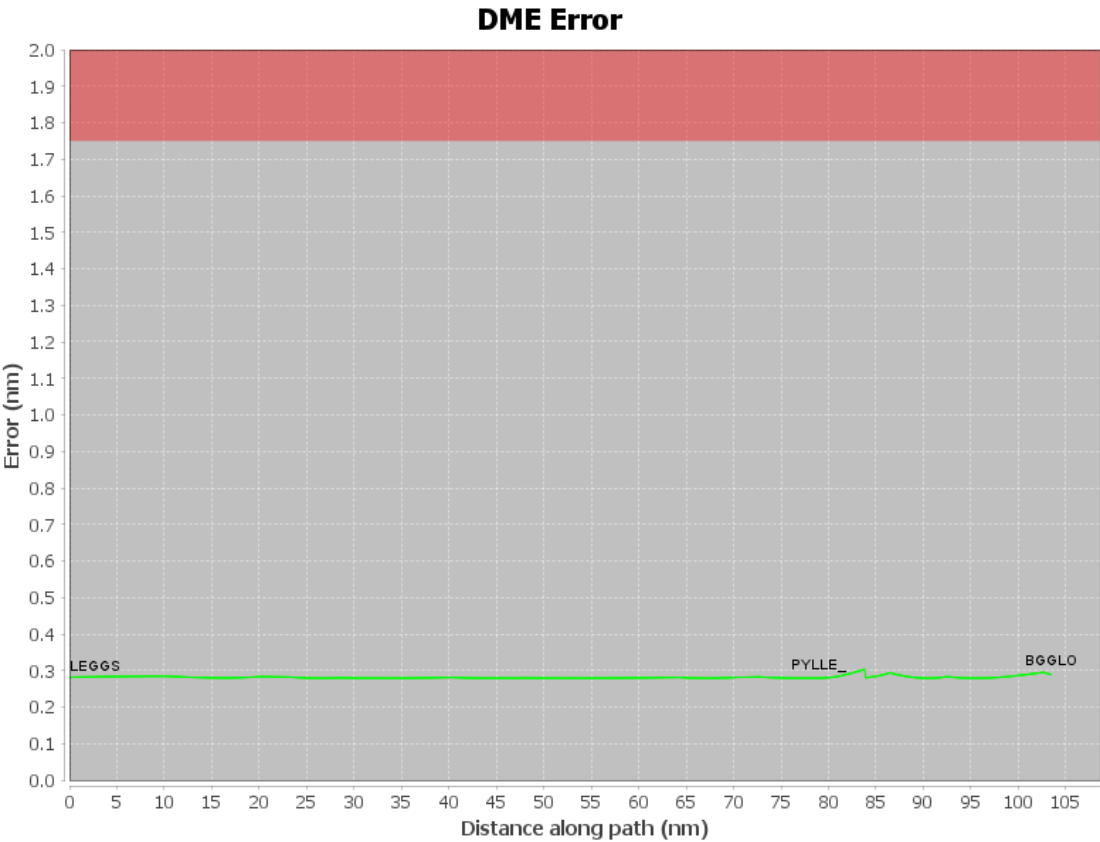
Waypoint Before	Waypoint After	DME List	Suggested DMEs
LEGGS	PYLLE_	LIN, SGD, MOD, STS, SAC, OAK, PYE, RBL, SWR, ILA	
PYLLE_	BGGLO	LIN, SGD, STS, MOD, SAC, SAU, OAK, PYE, RBL, ILA	

User Data Files

#	File Name
1	ALWYS ESV.udt

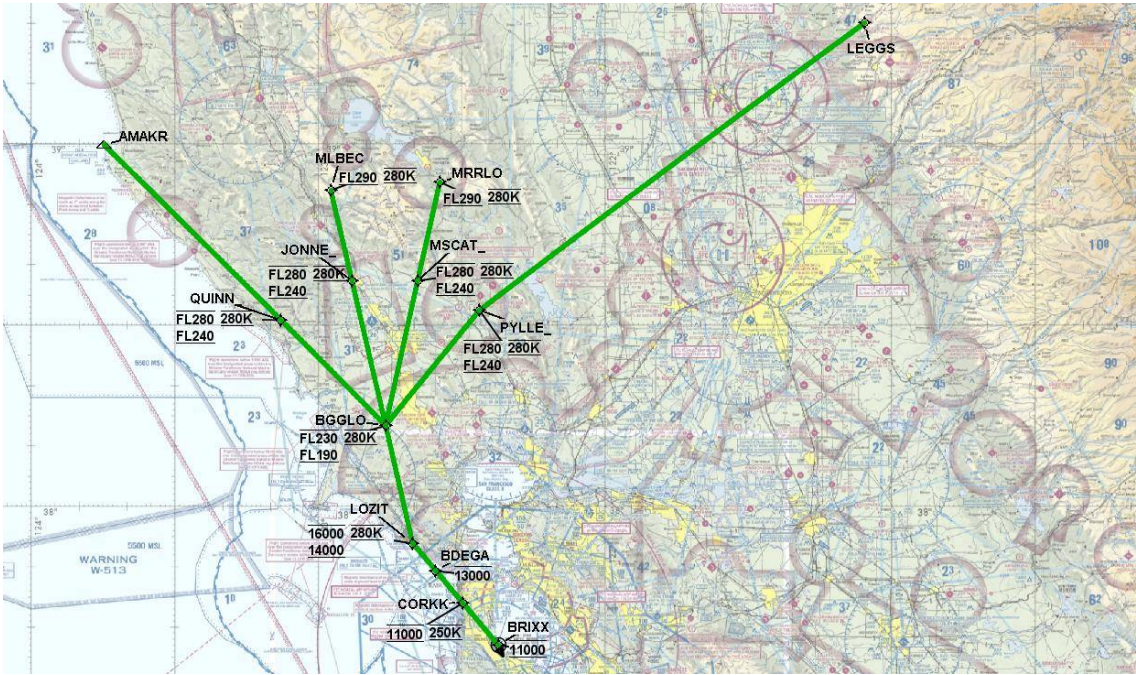
User DMEs

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



DME DME Assessment Results for BDEGA4 path LEGGS_BGGLO

Graphic Depiction 1



DME DME Assessment Results for BDEGA4 path AMAKR_BRIXX

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\20230215 Desktop_JT\NCT FWG 20230424\KSFO for EPS\20230517 KSFO FOR EPS.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSFO SubPak\SubPak FPT\BDEGA\KSFO [IFPA] BDEGA4 20230725_1244 MDT\AMAKR_BRIXX\KSFO BDEGA4 RNAV STAR AMAKR BRIXX 20230725_1244 MDT.pdf
Procedure Name:	BDEGA4
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:44 MDT
Databases:	DTED Level 0 Max

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
AMAKR	WP	N39° 00' 00.00", W123° 45' 00.00"	13000	VNAV	280	FLY_BY	TF
QUINN_	WP	N38° 30' 54.84", W123° 07' 57.35"	13000	VNAV	280	FLY_BY	TF
BGGLO	WP	N38° 13' 28.52", W122° 46' 03.02"	11000	VNAV	280	FLY_BY	TF
LOZIT	WP	N37° 53' 57.57", W122° 40' 23.50"	11000	VNAV	280	FLY_BY	TF
BDEGA	WP	N37° 49' 22.89", W122° 35' 31.92"	11000	VNAV	280	FLY_BY	TF
CORKK	WP	N37° 44' 00.92", W122° 29' 51.18"	11000	VNAV	250	FLY_BY	TF
BRIXX	WP	N37° 37' 04.24", W122° 22' 28.30"	11000	VNAV	250	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSFO [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 BDEGA4 path AMAKR_BR1XX

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	LIN	N38° 04' 28.49", W121° 00' 13.89"	17.0 E	130	DH	IFPA	NO	Enabled	79.1 %	79.7 %
2	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled	33.2 %	33 %
3	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	97.2 %	97.2 %
4	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	40	L	IFPA	NO	Enabled	59.9 %	59.5 %
5	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	27.5 %	26.8 %
6	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled	14.2 %	13.3 %
7	ENI	N39° 03' 11.58", W123° 16' 27.58"	16.0 E	130	H	IFPA	NO	Enabled	43 %	43.5 %
8	ACV	N40° 58' 53.19", W124° 06' 29.95"	17.0 E	130	DH	IFPA	NO	Enabled	7.9 %	8 %
9	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
10	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	74.8 %	74.5 %
11	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled	97.1 %	97 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ENI	PYE	ACV	STS	OAK	
8.7	ENI	PYE	STS	OAK		
14.4	ENI	STS	PYE	OAK	LIN	
33.1	ENI	STS	LIN	PYE	MOD	
46.9	PYE	STS	OAK	SGD	LIN	MOD
71.4	SGD	STS	SFO	LIN	OAK	MOD
100.2	OAK	SAU	SGD	MOD	STS	SJC

DME DME Assessment Results for BDEGA4 path AMAKR_BRIXX

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
AMAKR	QUINN	LIN, ENI, STS, MOD, ACV, OAK, PYE	
QUINN	BGGLO	LIN, ENI, SGD, STS, MOD, OAK, PYE	
BGGLO	LOZIT	LIN, SGD, MOD, STS, SAU, OAK, PYE, SFO	
LOZIT	BDEGA	LIN, SGD, MOD, STS, SAU, OAK, SFO, PYE	
BDEGA	CORKK	LIN, SGD, STS, MOD, SAU, OAK, SFO, PYE, SJC	
CORKK	BRIXX	LIN, SGD, STS, MOD, SAU, OAK, SJC, SFO, PYE	

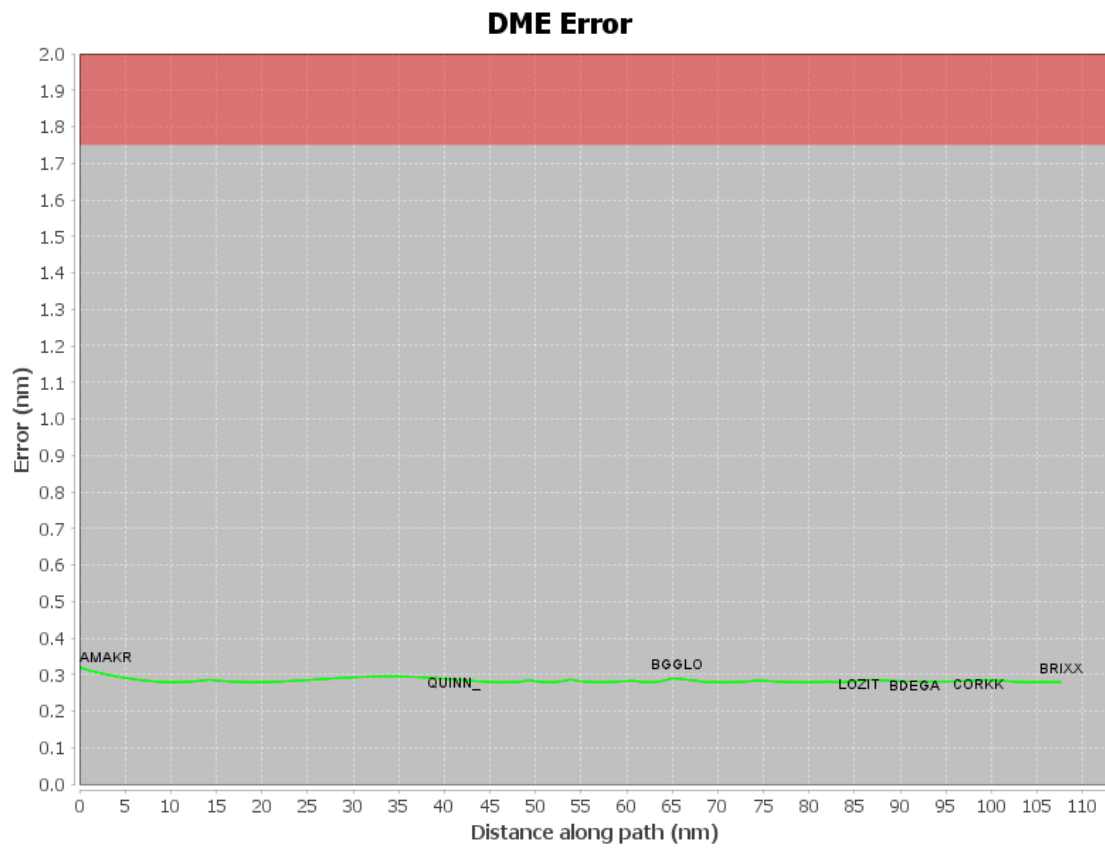
User Data Files

#	File Name
1	ALWYS ESV.udt

User DMEs

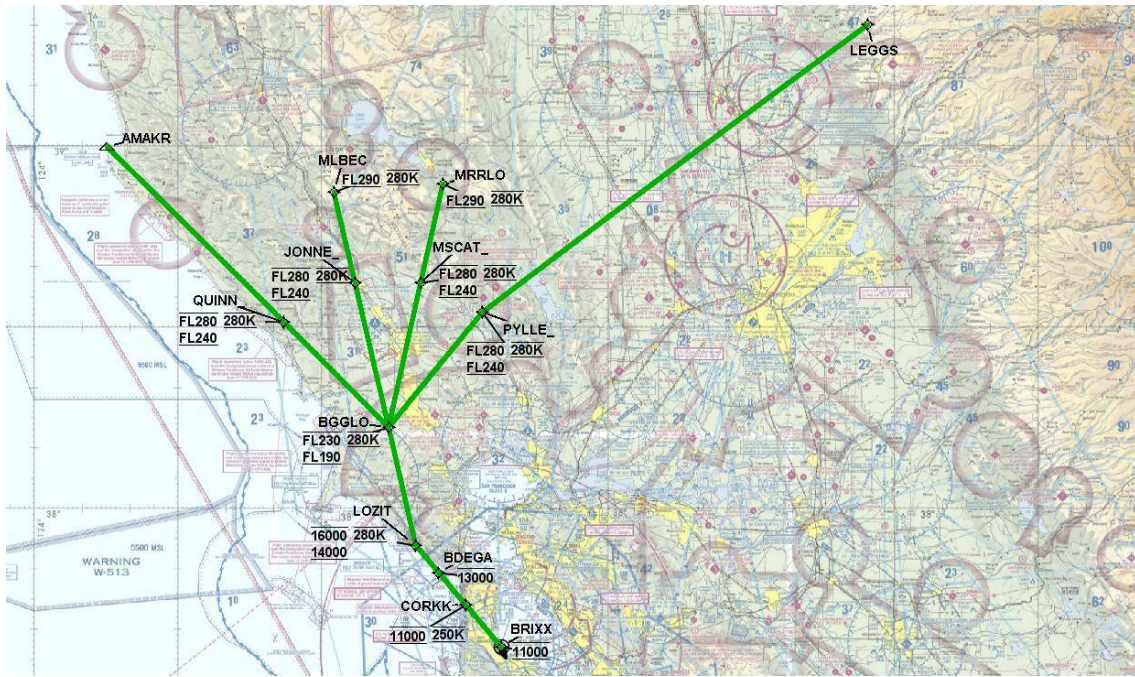
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for BDEGA4 path AMAKR_BRIXX



DME DME Assessment Results for BDEGA4 path AMAKR_BR1XX

Graphic Depiction 1



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