

DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

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\WWAVS\KSFO [IFPA] WWAVS2 20230725_1246 MDT\WPOUT_PLLAR_KSFO WWAVS2 RNAV STAR WPOUT PLLAR_20230725_1246 MDT.pdf
Procedure Name:	WWAVS2
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:46 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
WPOUT	WP	N37° 07' 10.15", W122° 17' 33.87"	11000	VNAV	250	FLY_BY	TF
PLLAR_	WP	N37° 30' 15.79", W122° 43' 03.60"	6000	VNAV	210	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 WWAVS2 path WPOUT_PLLAR_

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	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled	28.9 %	28.9 %
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled	86 %	86 %
3	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
4	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled	72.7 %	72.7 %
5	WVI	N36° 56' 21.13", W121° 47' 07.60"	0.0 E	40	L	IFPA	NO	Enabled	41.8 %	41.8 %
6	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	70.2 %	70.2 %
7	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	7 %	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	PYE	MOD	SJC	OAK	WVI	SFO
2.2	SJC	PYE	OAK	WVI	SFO	STS
7.7	OAK	WVI	SFO	STS	PYE	SWR
8.7	OAK	WVI	STS	PYE	SWR	
12.9	OAK	PYE	STS	SWR	SAU	

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

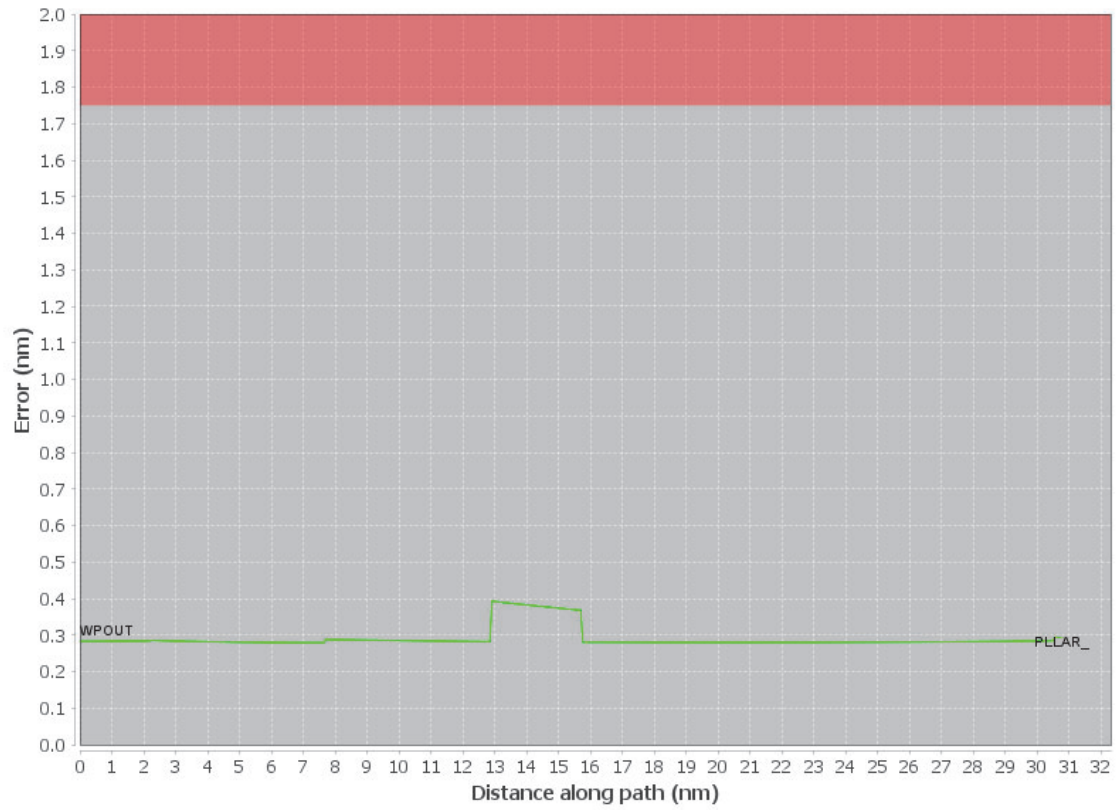
DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
WPOUT	PLLAR_	STS, MOD, SAU, OAK, WVI, SJC, SFO, PYE, SWR	

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

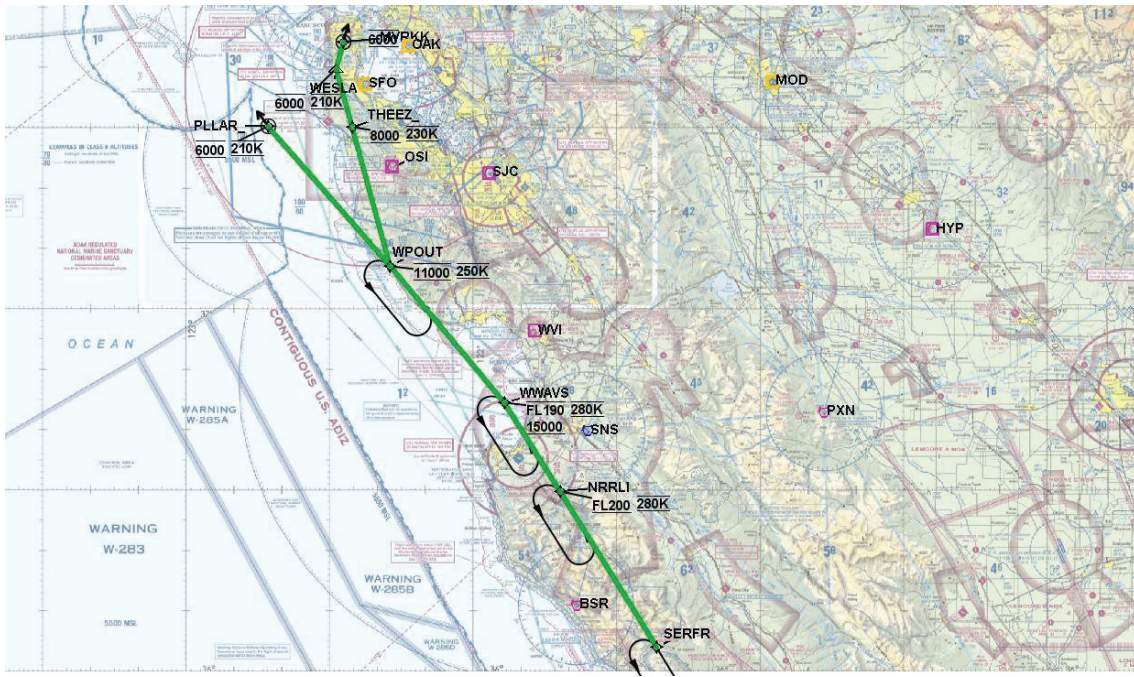
DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

DME Error



DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

Graphic Depiction 1



DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

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\WWAVS\KSFO [IFPA] WWAVS2 20230725_1246 MDT\WPOUT_PLLAR_\KSFO WWAVS2 RNAV STAR WPOUT PLLAR_20230725_1246 MDT.pdf
Procedure Name:	WWAVS2
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:46 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
WPOUT	WP	N37° 07' 10.15", W122° 17' 33.87"	11000	VNAV	250	FLY_BY	TF
PLLAR_	WP	N37° 30' 15.79", W122° 43' 03.60"	6000	VNAV	210	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 WWAVS2 path WPOUT_PLLAR_

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	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled	28.9 %	28.9 %
2	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled	86 %	86 %
3	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
4	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled	72.7 %	72.7 %
5	WVI	N36° 56' 21.13", W121° 47' 07.60"	0.0 E	40	L	IFPA	NO	Enabled	41.8 %	41.8 %
6	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	70.2 %	70.2 %
7	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	7 %	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	PYE	MOD	SJC	OAK	WVI	SFO
2.2	SJC	PYE	OAK	WVI	SFO	STS
7.7	OAK	WVI	SFO	STS	PYE	SWR
8.7	OAK	WVI	STS	PYE	SWR	
12.9	OAK	PYE	STS	SWR	SAU	

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

DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WPOUT	PLLAR_	STS, MOD, SAU, OAK, WVI, SJC, SFO, PYE, SWR	

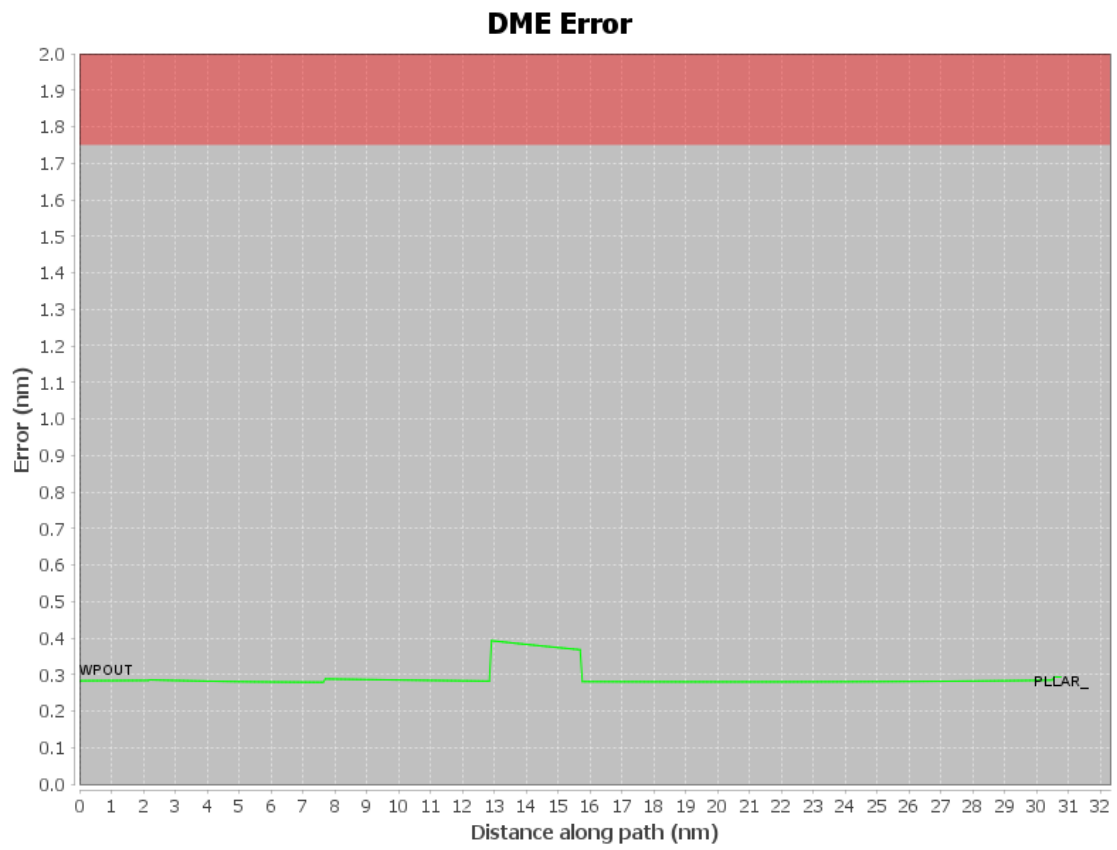
User Data Files

#	File Name
1	ALWYS ESV.udt

User DMEs

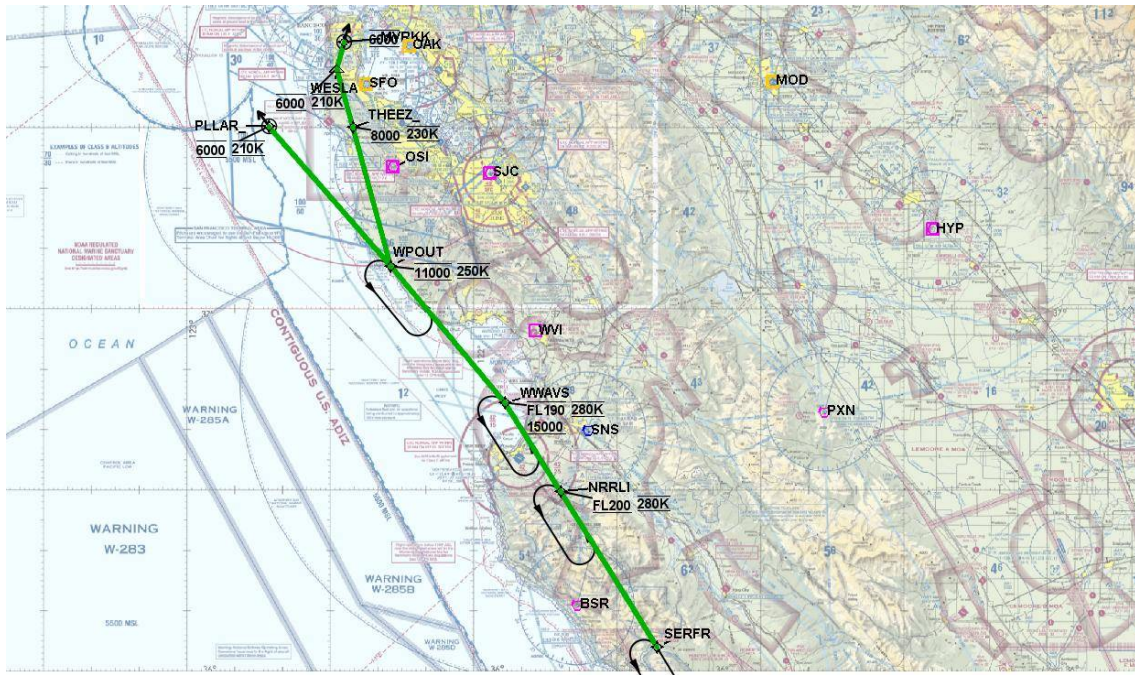
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_



DME DME Assessment Results for WWAVS2 path WPOUT_PLLAR_

Graphic Depiction 1



DME DME Assessment Results for WWAVS2 path SERFR_MVRKK

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\WWAVS\KSFO [IFPA] WWAVS2 20230725_1246 MDT\SERFR_MVRKK\KSFO WWAVS2 RNAV STAR SERFR MVRKK 20230725_1246 MDT.pdf
Procedure Name:	WWAVS2
Software: DmeDmePlugin:	7.1.1
Date/Time:	07/25/2023 12:46 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
SERFR	WP	N36° 04' 05.90", W121° 21' 52.79"	20000	VNAV	280	FLY_BY	TF
NRRLI	WP	N36° 29' 44.16", W121° 41' 57.84"	20000	VNAV	280	FLY_BY	TF
WWAVS	WP	N36° 44' 29.51", W121° 53' 39.24"	15000	VNAV	280	FLY_BY	TF
WPOUT	WP	N37° 07' 10.15", W122° 17' 33.87"	11000	VNAV	250	FLY_BY	TF
THEEZ_	WP	N37° 30' 06.69", W122° 25' 27.11"	8000	VNAV	230	FLY_BY	TF
WESLA	WP	N37° 39' 51.74", W122° 28' 49.05"	6000	VNAV	210	FLY_BY	TF
MVRKK	WP	N37° 44' 13.10", W122° 27' 16.02"	6000	VNAV	210	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 WWAVS2 path SERFR_MVRKK

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	37 %	39 %
2	SFO	N37° 37' 10.15", W122° 22' 26.02"	17.0 E	40	L	IFPA	NO	Enabled	36.6 %	34.5 %
3	SWR	N39° 10' 49.16", W120° 16' 10.60"	16.0 E	130	DH	IFPA	NO	Enabled	32.8 %	29.4 %
4	EHF	N35° 29' 04.40", W119° 05' 50.26"	14.0 E	130	H	IFPA	NO	Enabled	12.3 %	12.9 %
5	OAK	N37° 43' 33.33", W122° 13' 24.93"	17.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
6	SAU	N37° 51' 19.20", W122° 31' 21.91"	17.0 E	40	L	IFPA	NO	Enabled	31.4 %	28.1 %
7	BSR	N36° 10' 52.66", W121° 38' 31.60"	16.0 E	40	L	IFPA	NO	Enabled	34.1 %	36 %
8	MOD	N37° 37' 38.55", W120° 57' 28.33"	17.0 E	130	DH	IFPA	NO	Enabled	73.8 %	75.7 %
9	OSI	N37° 23' 33.65", W122° 16' 54.63"	17.0 E	40	L	IFPA	NO	Enabled	14.1 %	14.9 %
10	SAC	N38° 26' 37.46", W121° 33' 05.95"	17.0 E	130	H	IFPA	NO	Enabled	13.7 %	14.5 %
11	AVE	N35° 38' 49.11", W119° 58' 42.98"	16.0 E	130	DH	IFPA	NO	Enabled	19.7 %	20.8 %
12	WVI	N36° 56' 21.13", W121° 47' 07.60"	0.0 E	40	L	IFPA	NO	Enabled	48.9 %	50.1 %
13	SJC	N37° 22' 28.96", W121° 56' 40.81"	16.0 E	40	L	IFPA	NO	Enabled	60.3 %	58.1 %
14	SGD	N38° 10' 45.70", W122° 22' 23.35"	17.0 E	40	L	IFPA	NO	Enabled	12.6 %	10.5 %
15	STS	N38° 30' 29.47", W122° 48' 38.22"	0.0 E	130	DH	IFPA	NO	Enabled	73.1 %	71.6 %
16	SNS	N36° 39' 49.81", W121° 36' 11.47"	17.0 E	130	H	IFPA	NO	Enabled	57.5 %	60.7 %
17	PYE	N38° 04' 47.12", W122° 52' 04.18"	17.0 E	130	DH	IFPA	NO	Enabled	91.2 %	90.7 %

DME DME Assessment Results for WWAVS2 path SERFR_MVRKK

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	AVE	MOD	BSR	SNS	LIN	EHF
15.1	BSR	AVE	MOD	OAK	SNS	LIN
24.2	OAK	MOD	PYE	LIN	SAC	
34.4	OAK	SNS	BSR	PYE	WVI	MOD
50.8	WVI	SNS	MOD	SJC	PYE	OAK
73.5	PYE	MOD	SJC	WVI	OAK	SFO
79.1	SJC	PYE	OAK	WVI	SFO	STS
92.2	SJC	SFO	SAU	STS	OAK	PYE
104.5	OAK	PYE	SJC	SGD	STS	SAU

Inertial Drift Segments

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

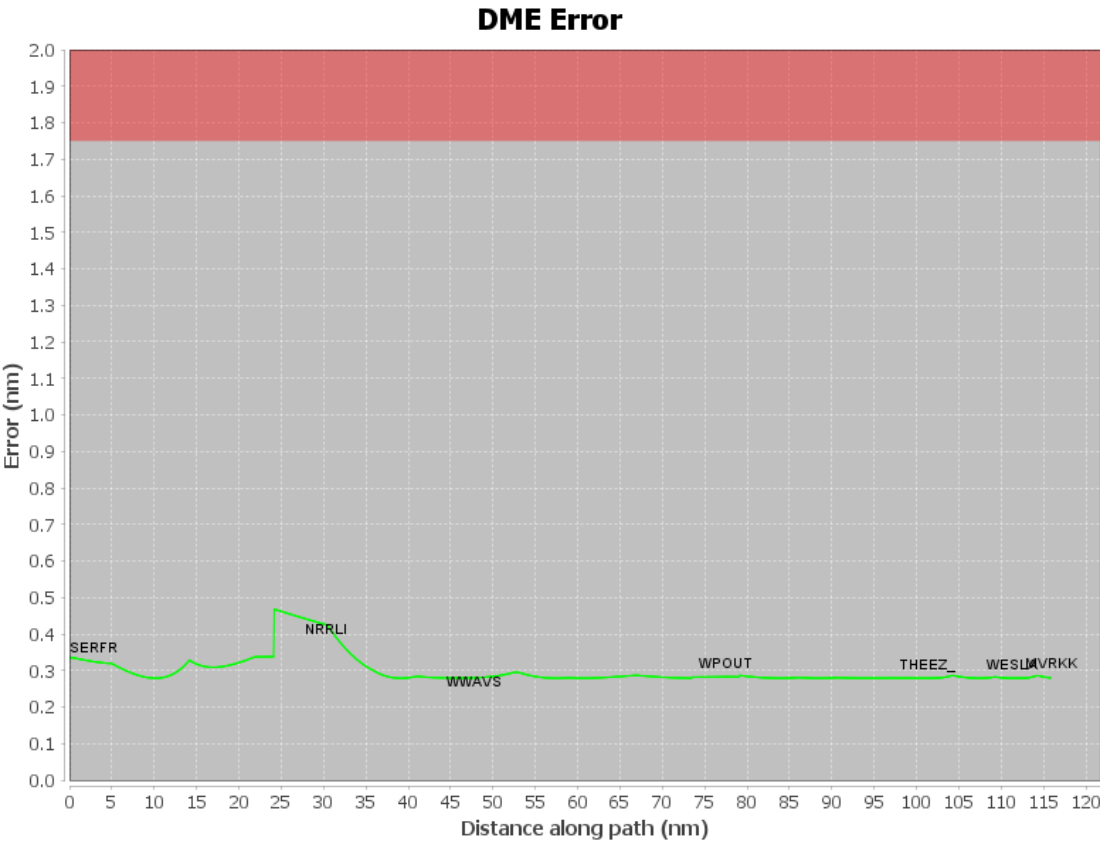
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SERFR	NRRLI	AVE, LIN, BSR, EHF, MOD, SAC, OAK, SNS, PYE	
NRRLI	WWAVS	LIN, BSR, MOD, STS, SAC, OAK, SNS, WVI, PYE	
WWAVS	WPOUT	BSR, MOD, STS, OSI, OAK, SNS, WVI, PYE, SJC, SFO	
WPOUT	THEEZ_	STS, MOD, SAU, OAK, WVI, SJC, SFO, PYE, SWR	
THEEZ_	WESLA	SGD, STS, MOD, SAU, OAK, SJC, SFO, PYE, SWR	
WESLA	MVRKK	LIN, SGD, STS, MOD, SAU, OAK, SJC, PYE, SFO, SWR	

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 WWAVS2 path SERFR_MVRKK

Graphic Depiction 1

