

DME DME Assessment Results for VNLLA1 path KCCR:RW01L:DER_PYE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs -TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW01L-DER_PYE\KCCR VNLLA1 SID RW01L PYE 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW01L:DER	WP	N37° 59' 40.3620", W122° 03' 15.8578"	22.3	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
BURDE	WP	N38° 06' 19.4400", W122° 35' 35.0300"	4000	VNAV	230	FLY_BY	TF
PYE	WP	N38° 04' 47.1240", W122° 52' 04.1790"	4100	VNAV	230	FLY_BY	TF
Climb Gradient: 335.0 ft/NM up to 975.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	335.0 ft/NM up to 975.0 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 VNLLA1 path KCCR:RW01L:DER_PYE

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	75.1 %	77.9 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	44.2 %	46.5 %
3	STS	N38° 30' 29.4723", W122° 48' 38.2223"	0.0 E	130	DH		NO	Enabled	50.4 %	53 %
4	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	13.1 %	12.7 %
5	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	63.9 %	66.1 %
6	OAK	N37° 43' 33.3320", W122° 13' 24.9305"	17.0 E	130	DH		NO	Enabled	58.5 %	61.6 %
7	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	72.3 %	76 %
8	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	36.2 %	38.1 %
9	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	87.4 %	90.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.8	SGD	SAC	SWR			
4.0	SGD	SAC	SAU	SWR		
6.9	SGD	SAC	SAU	CCR	SWR	PYE
7.2	SGD	SAC	SAU	SWR	PYE	
9.2	SFO	CCR	SAU	SGD	PYE	SWR
16.1	PYE	SFO	CCR	OAK	SAU	SWR
23.6	SAU	CCR	PYE	STS	SGD	OAK
27.0	SAU	PYE	STS	SGD	OAK	SWR
31.6	STS	SGD	PYE	OAK	SWR	
38.7	STS	SGD	OAK	SWR		
40.4	STS	SGD	SWR			

DME DME Assessment Results for VNLLA1 path KCCR:RW01L:DER_PYE

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 42.3336", W122° 03' 14.7732"	N38° 02' 14.8547", W122° 05' 02.9544"	3.8041

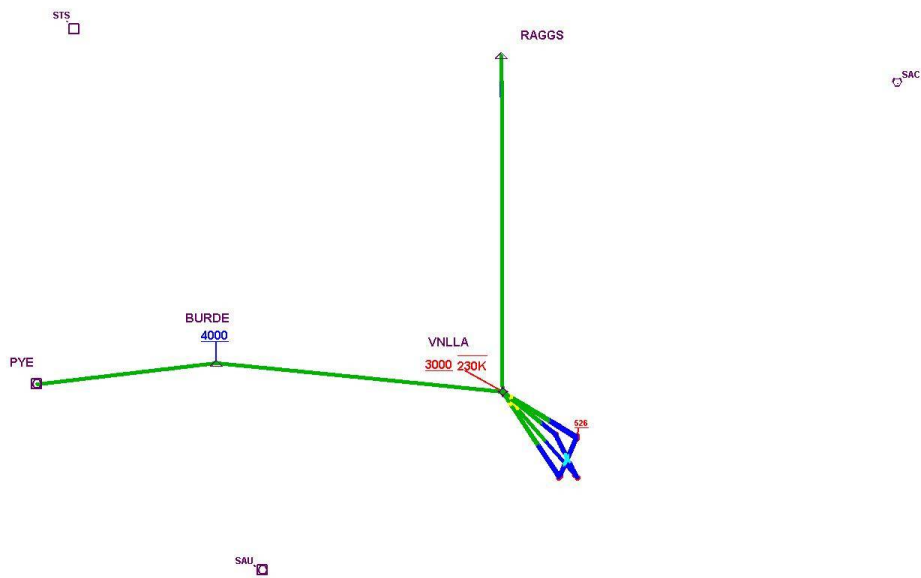
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW01L:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	
VNLLA	BURDE	SGD, CCR, STS, SAC, SAU, OAK, PYE, SFO, SWR	
BURDE	PYE	SGD, STS, SAU, OAK, PYE, SWR	

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



DME DME Assessment Results for VNLLA1 path KCCR:RW01L:DER_PYE

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW01R:DER_RAGGS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs -TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW01R-DER_RAGGS\KCCR VNLLA1 SID RW01R RAGGS 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW01R:DER	WP	N37° 59' 27.0744", W122° 03' 16.3568"	21.7	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
RAGGS	WP	N38° 28' 34.9400", W122° 09' 24.6500"	5000	VNAV	230	FLY_BY	TF
Climb Gradient: 335.0 ft/NM up to 975.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	335.0 ft/NM up to 975.0 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 VNLLA1 path KCCR:RW01R:DER_RAGGS

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' 28.4897", W121° 00' 13.8887"	17.0 E	130	DH		NO	Enabled	65.3 %	69.8 %
2	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	83.9 %	88.1 %
3	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	60.2 %	64.3 %
4	MOD	N37° 37' 38.5480", W120° 57' 28.3265"	17.0 E	130	DH		NO	Enabled	39 %	41.6 %
5	STS	N38° 30' 29.4723", W122° 48' 38.2223"	0.0 E	130	DH		NO	Enabled	11.5 %	12.3 %
6	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	83.7 %	87.9 %
7	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	73.3 %	76.8 %
8	MYV	N39° 05' 55.1211", W121° 34' 23.0071"	16.0 E	130	DL		NO	Enabled	58.6 %	62.7 %
9	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	73.2 %	78.1 %
10	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	30.3 %	32.4 %
11	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	83.9 %	88.1 %
12	ILA	N39° 04' 16.2251", W122° 01' 38.1711"	18.0 E	40	L		NO	Enabled	8.7 %	9.3 %

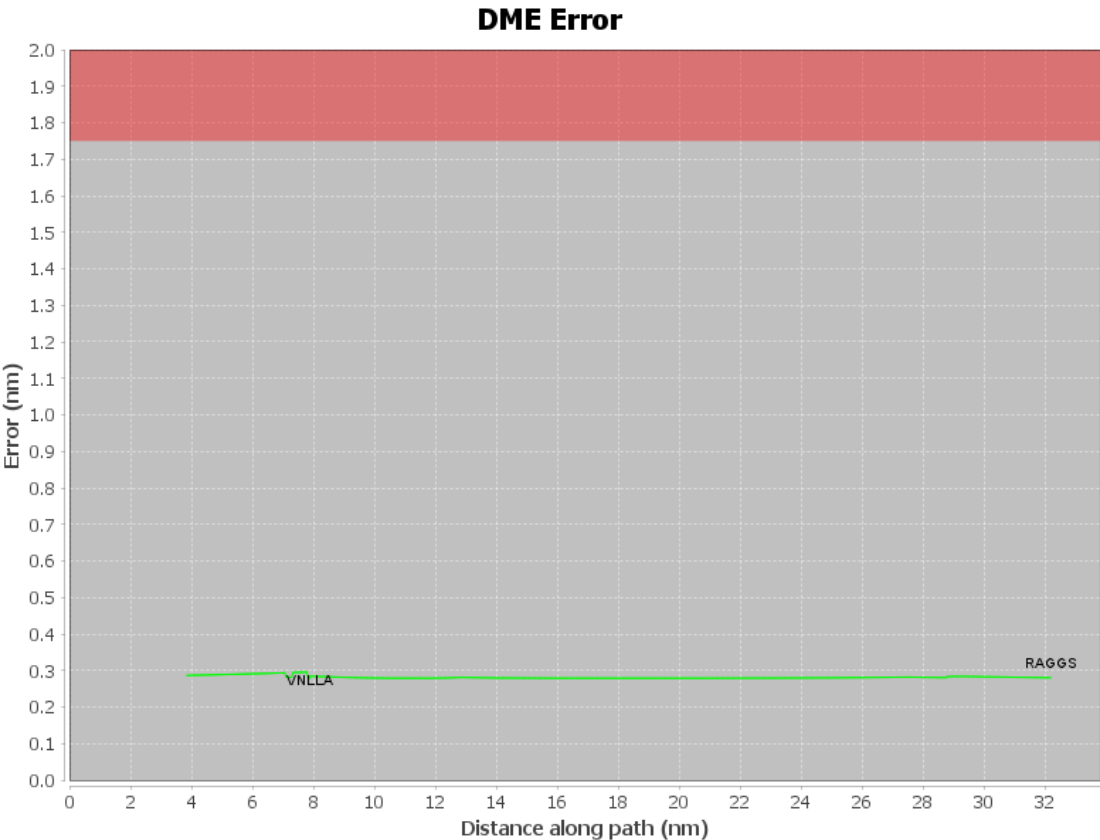
DME DME Assessment Results for VNLLA1 path KCCR:RW01R:DER_RAGGS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.8	SWR	SGD				
3.9	SGD	SAC	SWR			
4.0	SGD	SAC	SAU	SWR		
7.1	SGD	SAC	SAU	CCR	SWR	PYE
7.3	SGD	SAC	SAU	SWR	PYE	
28.8	CCR	SAC	MYV	LIN	SGD	PYE
29.6	SAC	ILA	LIN	SGD	MYV	PYE

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 29.0482", W122° 03' 15.2704"	N38° 02' 05.2493", W122° 05' 00.5725"	3.8059

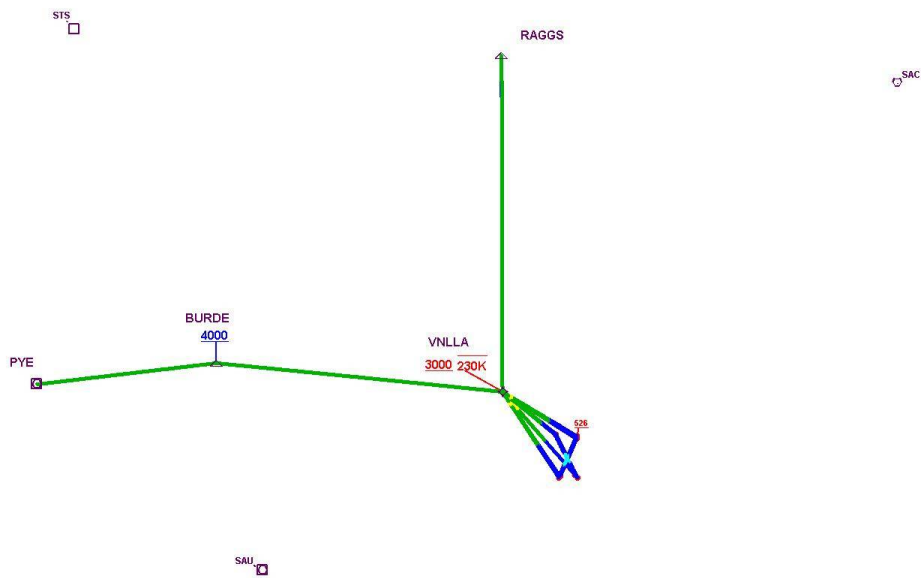
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW01R:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	
VNLLA	RAGGS	LIN, SGD, CCR, MOD, STS, SAC, SAU, MYV, PYE, SFO, SWR, ILA	

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



DME DME Assessment Results for VNLLA1 path KCCR:RW01R:DER_RAGGS

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW14L:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs - TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW14L-DER_VNLLA\KCCR VNLLA1 SID RW14L VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW14L:DER	WP	N37° 59' 06.7303", W122° 03' 06.2717"	25.4	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 412.0 ft/NM up to 2200.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	412.0 ft/NM up to 2200.0 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 VNLLA1 path KCCR:RW14L:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	43.3 %	50.8 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	7.5 %	8.8 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	6.5 %	7.6 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	43.3 %	50.8 %
5	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	14.3 %	17.5 %
6	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	0.5 %	0.6 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	43.3 %	50.8 %

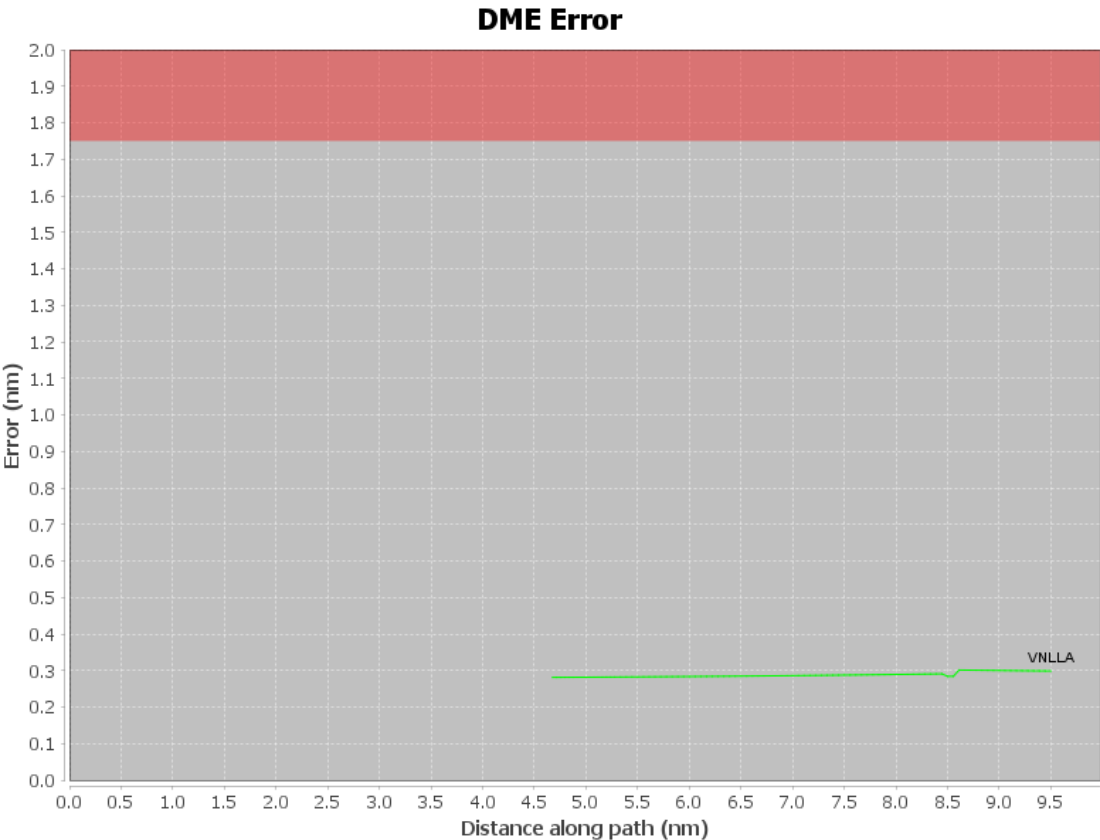
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.7	SAU	SGD	SWR			
7.7	SAU	SGD	SWR	CCR		
7.8	SGD	SAC	SAU	SWR	CCR	PYE
8.6	SAU	SGD	SWR	PYE		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 04.8086", W122° 03' 05.0633"	N38° 00' 37.6302", W122° 05' 18.3270"	4.6394

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW14L:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	

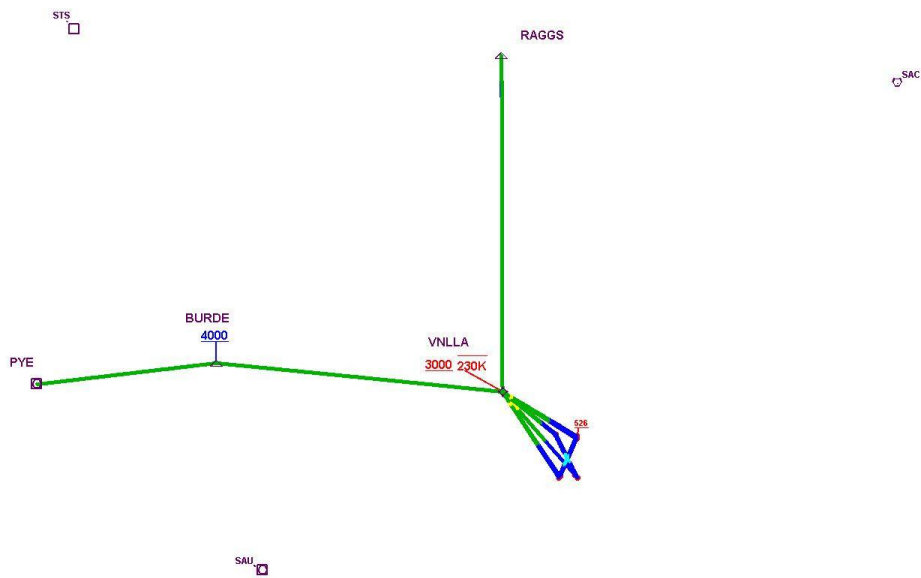
DME DME Assessment Results for VNLLA1 path KCCR:RW14L:DER_VNLLA

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



DME DME Assessment Results for VNLLA1 path KCCR:RW14L:DER_VNLLA

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW14R:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs -TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW14R-DER_VNLLA\KCCR VNLLA1 SID RW14R VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW14R:DER	WP	N37° 59' 20.4870", W122° 03' 21.8982"	22.2	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 412.0 ft/NM up to 2200.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	412.0 ft/NM up to 2200.0 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 VNLLA1 path KCCR:RW14R:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	43.3 %	50.9 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	7.6 %	9 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	6.6 %	7.8 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	43.3 %	50.9 %
5	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	14.1 %	17.4 %
6	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	1 %	1.2 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	43.3 %	50.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.5	SAU	SGD	SWR			
7.4	SAU	SGD	SWR	CCR		
7.6	SAU	SGD	SWR			
7.6	SGD	SAC	SAU	SWR	CCR	PYE
8.4	SAU	SGD	SWR	PYE		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 18.5534", W122° 03' 20.6810"	N38° 00' 43.7996", W122° 05' 25.4862"	4.4861

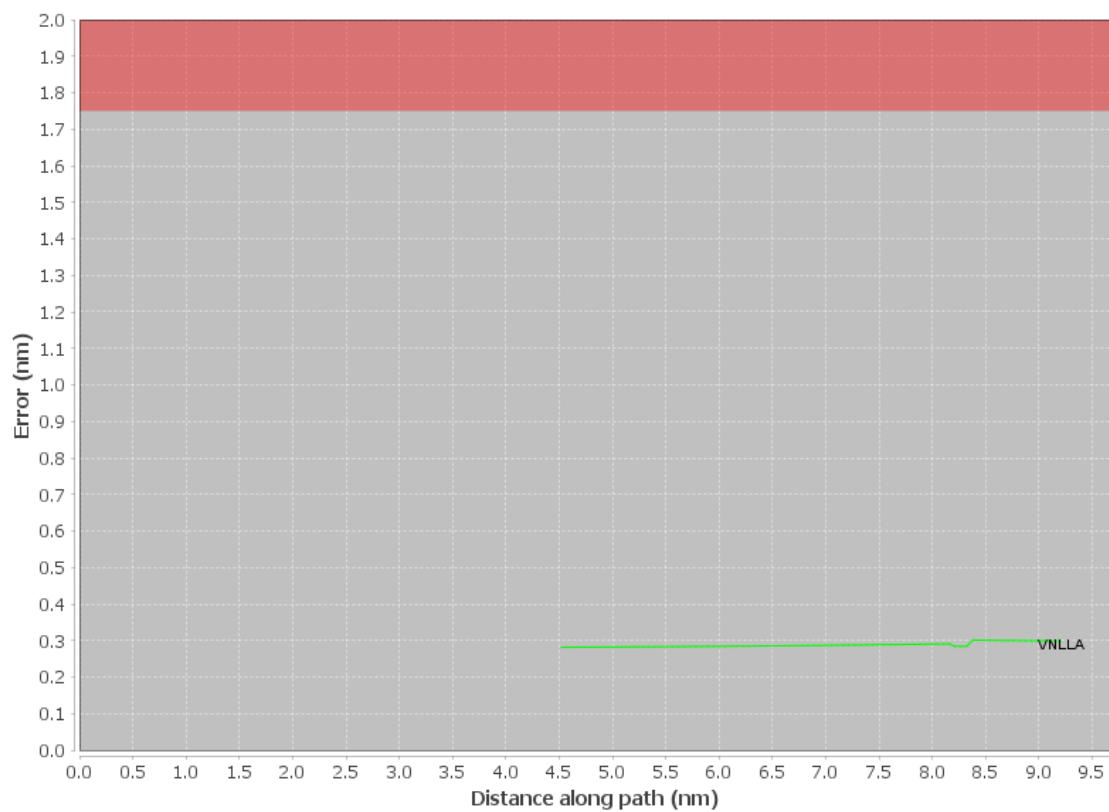
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW14R:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	

DME DME Assessment Results for VNLLA1 path KCCR:RW14R:DER_VNLLA

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

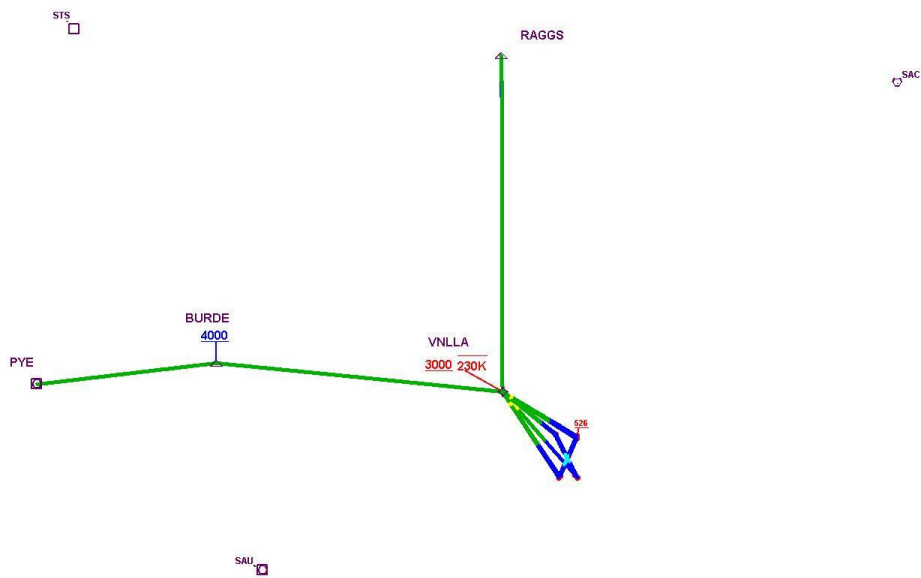
DME DME Assessment Results for VNLLA1 path KCCR:RW14R:DER_VNLLA

DME Error



DME DME Assessment Results for VNLLA1 path KCCR:RW14R:DER_VNLLA

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW19L:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs -TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW19L-DER_VNLLA\KCCR VNLLA1 SID RW19L VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW19L:DER	WP	N37° 59' 01.9681", W122° 03' 30.1744"	23.5	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 499.0 ft/NM up to 2100.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	499.0 ft/NM up to 2100.0 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 VNLLA1 path KCCR:RW19L:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	49 %	56 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	8.1 %	9.8 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	4.5 %	5.2 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	49 %	56 %
5	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	12.3 %	15 %
6	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	2.8 %	3.3 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	49 %	56 %

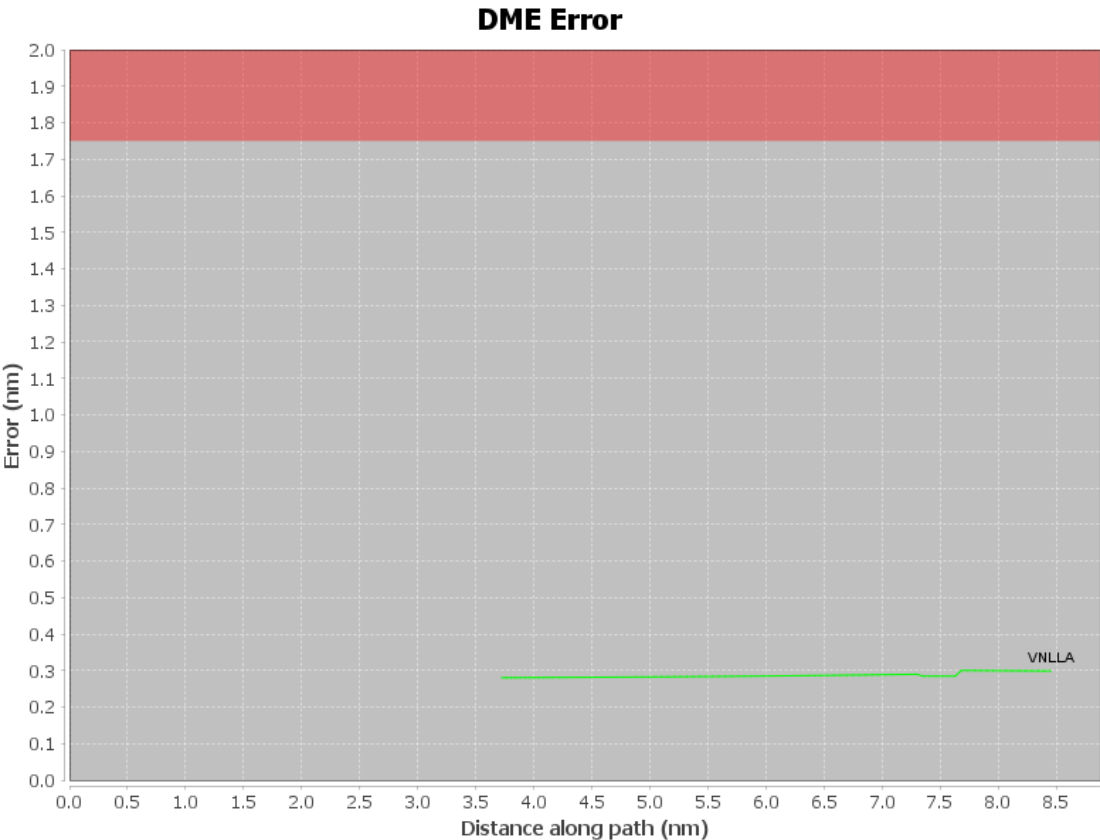
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.7	SAU	SGD	SWR			
7.2	SGD	SAC	SAU	SWR	CCR	PYE
7.7	SAU	SGD	SWR	PYE		
8.1	SAU	SGD	SWR	CCR	PYE	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 58' 59.9875", W122° 03' 31.2643"	N38° 00' 21.0865", W122° 05' 57.0872"	3.6867

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW19L:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	

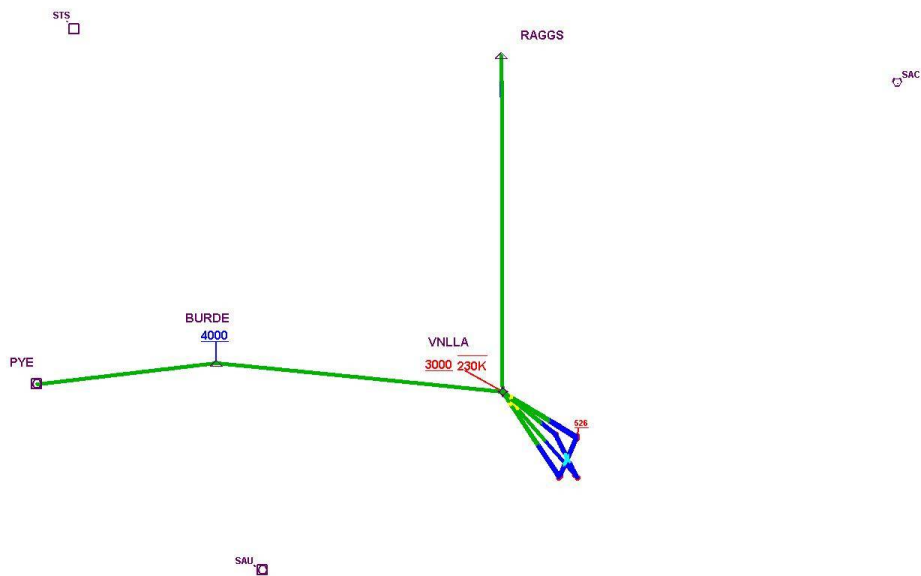
DME DME Assessment Results for VNLLA1 path KCCR:RW19L:DER_VNLLA

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



DME DME Assessment Results for VNLLA1 path KCCR:RW19L:DER_VNLLA

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW19R:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs - TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW19R-DER_VNLLA\KCCR VNLLA1 SID RW19R VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW19R:DER	WP	N37° 58' 55.0338", W122° 03' 40.7895"	23.6	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 526.0 ft/NM up to 2200.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	526.0 ft/NM up to 2200.0 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 VNLLA1 path KCCR:RW19R:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	48.2 %	54.9 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	7 %	8.6 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	2.8 %	3.3 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	48.2 %	54.9 %
5	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	11.4 %	13.8 %
6	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	2.2 %	2.6 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	48.2 %	54.9 %

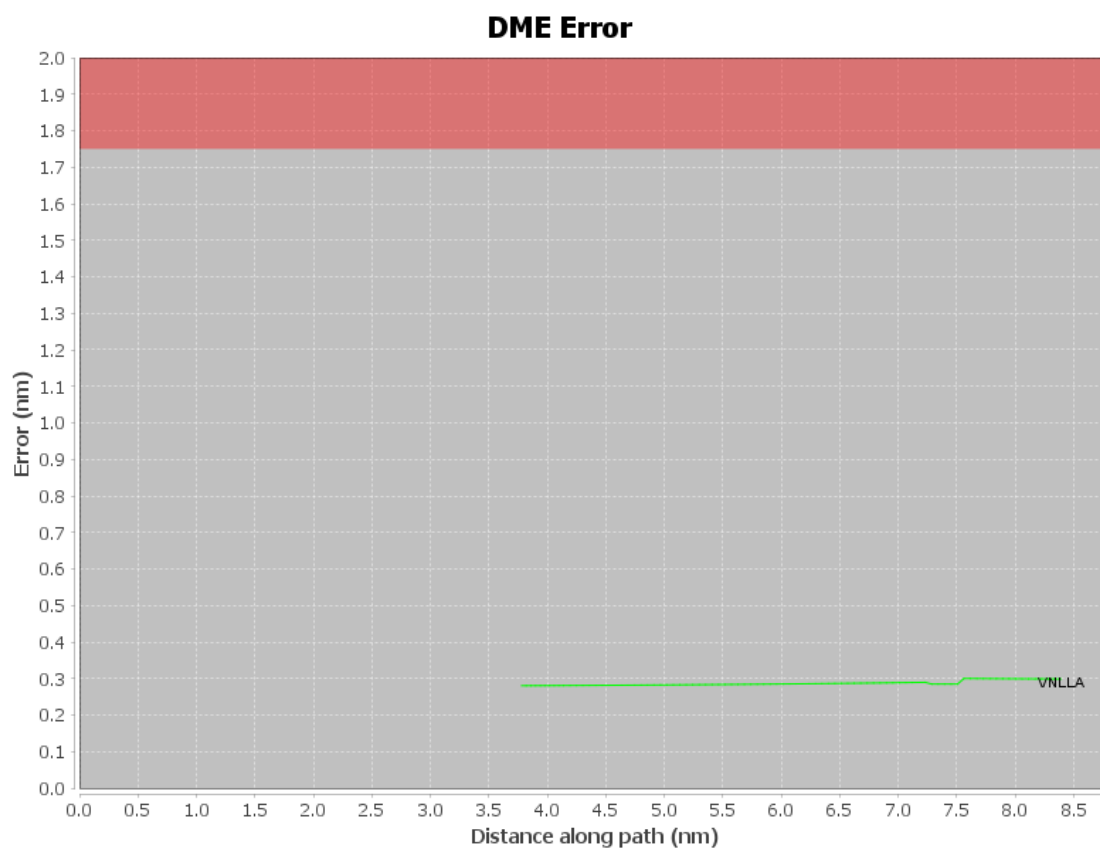
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.8	SAU	SGD	SWR			
7.2	SGD	SAC	SAU	SWR	CCR	PYE
7.6	SAU	SGD	SWR	PYE		
7.9	SAU	SGD	SWR	CCR	PYE	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 58' 53.0855", W122° 03' 41.8609"	N38° 00' 24.1592", W122° 06' 07.5381"	3.7447

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW19R:DER	VNLLA	SGD, CCR, SAC, SAU, PYE, SFO, SWR	

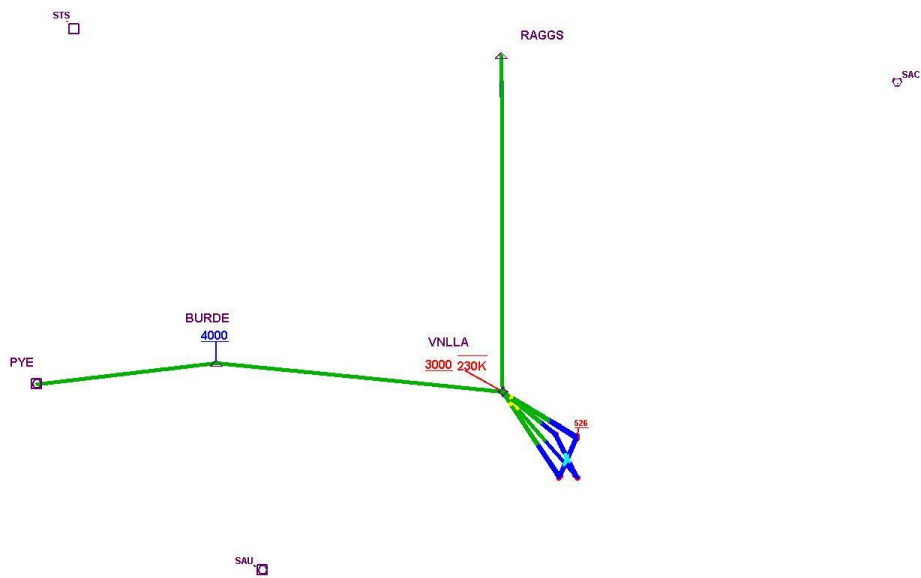
DME DME Assessment Results for VNLLA1 path KCCR:RW19R:DER_VNLLA

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



DME DME Assessment Results for VNLLA1 path KCCR:RW19R:DER_VNLLA

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW32L:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs -TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW32L-DER_VNLLA\KCCR VNLLA1 SID RW32L VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW32L:DER	WP	N37° 59' 45.2408", W122° 03' 37.4827"	17.1	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 325.0 ft/NM up to 600.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	325.0 ft/NM up to 600.0 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 VNLLA1 path KCCR:RW32L:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	49.1 %	56.1 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	11.9 %	13.6 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	43.6 %	49.3 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	41.4 %	47.6 %
5	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	4.2 %	5.1 %
6	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	8.2 %	10.2 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	49.1 %	56.1 %

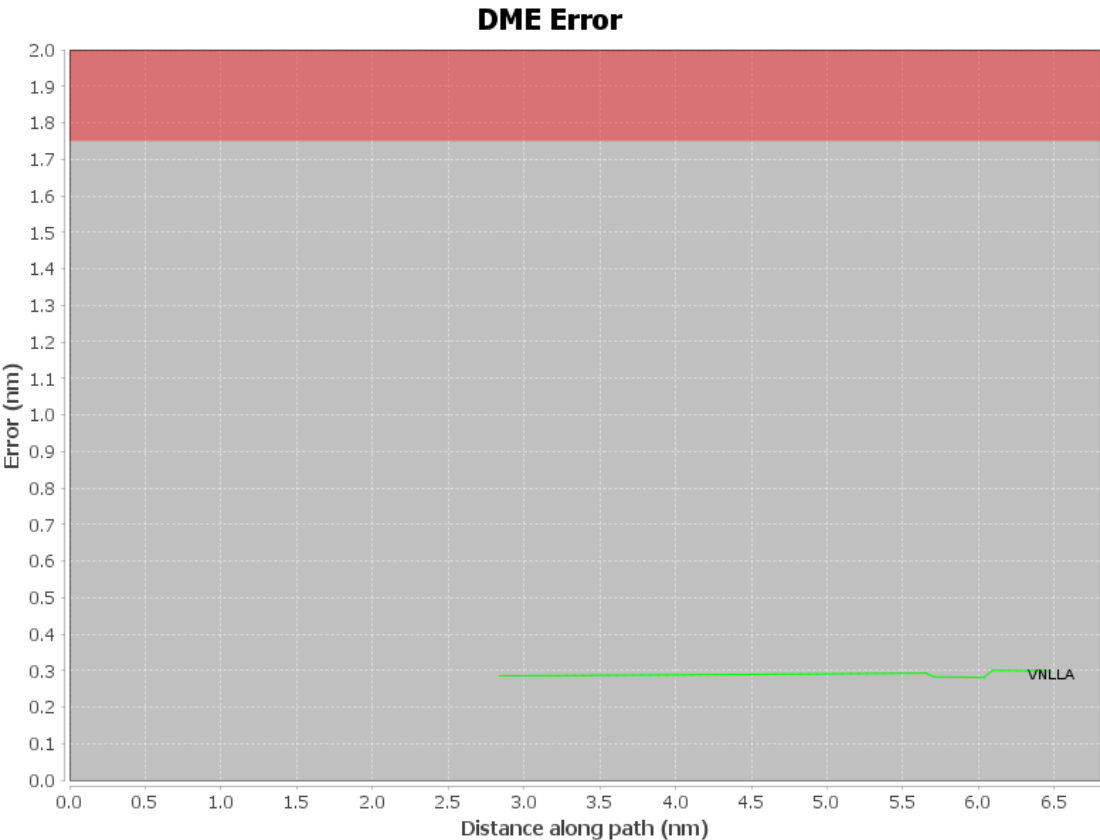
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.8	SGD	SAC	SWR			
3.4	SGD	SAC	SAU	SWR		
3.8	SGD	SAC	SAU	SWR	CCR	
4.4	SGD	SAC	SAU	SWR		
5.7	SFO	CCR	SGD	SAC	SAU	SWR
6.1	SAU	SGD	SWR	PYE		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 47.1540", W122° 03' 38.6874"	N38° 01' 57.7040", W122° 05' 45.6242"	2.8052

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW32L:DER	VNLLA	SGD, CCR, SAC, SAU, SFO, PYE, SWR	

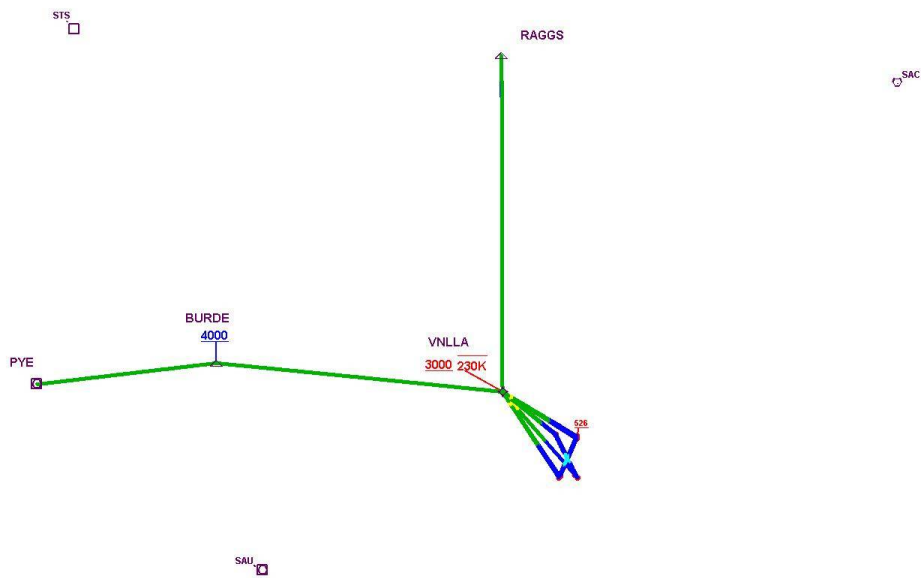
DME DME Assessment Results for VNLLA1 path KCCR:RW32L:DER_VNLLA

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



DME DME Assessment Results for VNLLA1 path KCCR:RW32L:DER_VNLLA

Graphic Depiction 1



DME DME Assessment Results for VNLLA1 path KCCR:RW32R:DER_VNLLA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\CCR SIDs - TM 107.1 -DME.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\CCR\Submission Package\VNLLA ONE RNAV SID\KCCR [IFPA] VNLLA1 20260126_0920 PST\KCCR-RW32R-DER_VNLLA\KCCR VNLLA1 SID RW32R VNLLA 20260126_0920 PST.pdf
Procedure Name:	VNLLA1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/26/2026 09:20 PST
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
KCCR:RW32R:DER	WP	N37° 59' 47.4531", W122° 03' 31.8880"	18.4	VNAV	130	FLY_OVER	TF
VNLLA	WP	N38° 04' 15.3938", W122° 09' 20.1035"	3000	VNAV	230	FLY_BY	TF
Climb Gradient: 325.0 ft/NM up to 600.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KCCR [IFPA]
Climb Gradient:	325.0 ft/NM up to 600.0 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 VNLLA1 path KCCR:RW32R:DER_VNLLA

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	SGD	N38° 10' 45.7038", W122° 22' 23.3494"	17.0 E	130	H		NO	Enabled	47.9 %	54.8 %
2	CCR	N38° 02' 41.7131", W122° 02' 42.7463"	17.0 E	25	T		NO	Enabled	11.1 %	12.6 %
3	SAC	N38° 26' 37.4615", W121° 33' 05.9503"	17.0 E	130	H		NO	Enabled	41.8 %	47.2 %
4	SAU	N37° 51' 19.2030", W122° 31' 21.9080"	17.0 E	40	L		NO	Enabled	41.9 %	48 %
5	SFO	N37° 37' 10.1465", W122° 22' 26.0165"	17.0 E	40	L		NO	Enabled	3.5 %	4.2 %
6	PYE	N38° 04' 47.1240", W122° 52' 04.1790"	17.0 E	130	DH		NO	Enabled	8.2 %	10.1 %
7	SWR	N39° 10' 49.1620", W120° 16' 10.6040"	16.0 E	130	DH		NO	Enabled	47.9 %	54.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.9	SGD	SAC	SWR			
3.4	SGD	SAC	SAU	SWR		
3.7	SGD	SAC	SAU	SWR	CCR	
4.3	SGD	SAC	SAU	SWR		
5.7	SFO	CCR	SGD	SAC	SAU	SWR
6.1	SAU	SGD	SWR	PYE		

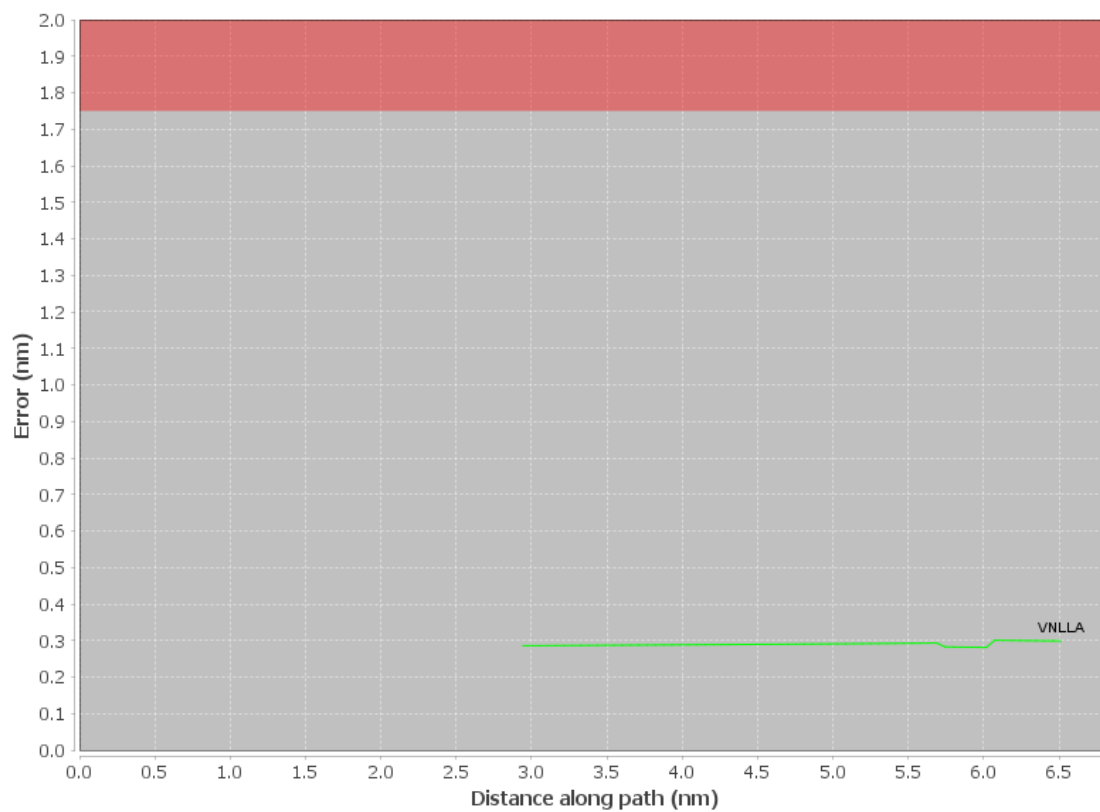
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N37° 59' 49.3619", W122° 03' 33.0885"	N38° 02' 02.7729", W122° 05' 47.0805"	2.9074

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KCCR:RW32R:DER	VNLLA	SGD, CCR, SAC, SAU, SFO, PYE, SWR	

DME DME Assessment Results for VNLLA1 path KCCR:RW32R:DER_VNLLA

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

DME Error



DME DME Assessment Results for VNLLA1 path KCCR:RW32R:DER_VNLLA

Graphic Depiction 1

