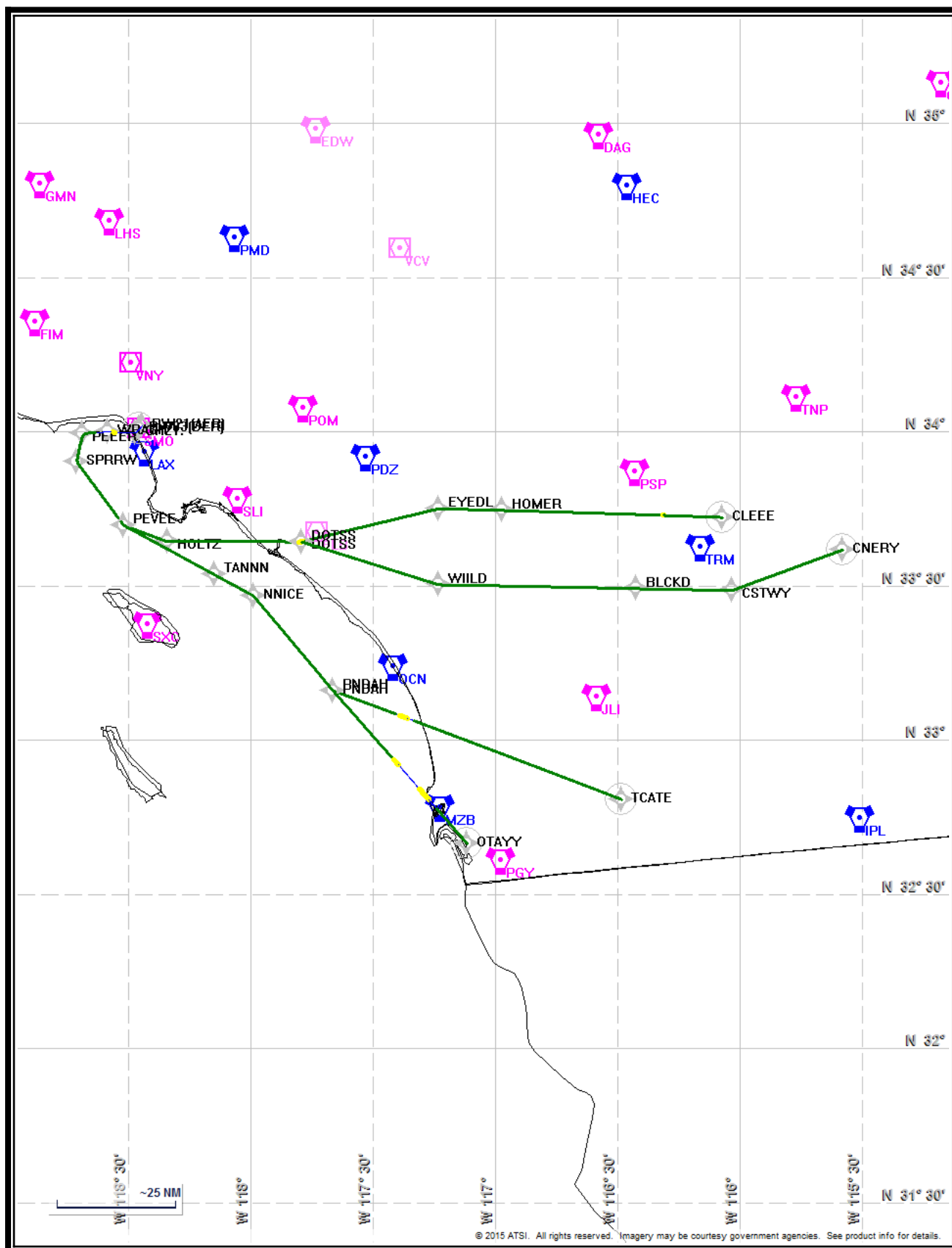


**Name:** Bob Tinkham  
**Project Name:** KSMO PEVEE4 SID  
**Output File:** KSMO PEVEE4 SID RW21 CLEEE 20150807\_1041  
**Procedure Name:** PEVEE4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/7/2015 10:42:03 AM  
**Input File:** [KSMO PEVEE4 SID RW21 CLEEE 20150807\\_0954.txt](#)  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

## Results Summary:

<b>Flyability</b>	✓	Please Check <b>Flyability</b> Results
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW21(A...	WP	N 34° 1' 14.48" W 118° 26' 43.96"	177.4	VNAV	0.0	Fly By	TF
RW03(D...	WP	N 34° 0' 39.44" W 118° 27' 25.43"	152.6	VNAV	130.0	Fly Over	VI
GH21:	WP	N 33° 59' 49.63" W 118° 28' 24.36"	678.0	VNAV	145.0	Fly By	CF - 272.1°
WRASH	WP	N 34° 0' 2.48" W 118° 35' 12.63"	2830.9	VNAV	180.0	Fly By	TF
PEEER	WP	N 33° 59' 44.23" W 118° 41' 22.04"	3856.5	VNAV	180.0	Fly By	TF
SPRRW	WP	N 33° 54' 14.75" W 118° 42' 51.97"	4980.8	VNAV	180.0	Fly By	TF
PEVEE	WP	N 33° 41' 50.00" W 118° 31' 15.00"	9000.0	VNAV	180.0	Fly By	TF
HOLTZ	WP	N 33° 38' 40.38" W 118° 20' 34.79"	9000.0	VNAV	180.0	Fly By	TF
DOTSS	WP	N 33° 38' 38.78" W 117° 47' 43.02"	10000.0	VNAV	180.0	Fly By	TF
EYEDL	WP	N 33° 45' 4.94" W 117° 14' 1.10"	15000.0	VNAV	210.0	Fly By	TF
HOMER	WP	N 33° 44' 45.80" W 116° 58' 25.95"	15000.0	VNAV	210.0	Fly By	TF
CLEEE	WP	N 33° 43' 24.18" W 116° 4' 23.92"	15000.0	VNAV	210.0	Fly Over	TF
Climb Gradient: 500.0 ft/NM up to 678.0 ft MSL							

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Runway Departure	
	<b>Selected Airport:</b> KSMO	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> 500.0 ft/NM up to 678.0 ft MSL	
	<b>Ground Speeds:</b>	
	Departure: <b>120.0 Kts</b> out to <b>10.0 NM</b>	
	Table:	
	<b>200.0 Kts</b> up to <b>11000.0 ft</b>	
	<b>240.0 Kts</b> up to <b>18000.0 ft</b>	
	<b>260.0 Kts</b> up to <b>24000.0 ft</b>	
	<b>340.0 Kts</b> up to <b>99900.0 ft</b>	
	<b>Wind Settings:</b> <i>None assigned</i>	
	<b>Descent During a Turn:</b> Allowed	
	<b>VNAV Mode:</b> Flight Plan	
Required IAS at Fly-By WP PEEER could not be reached with given A/C acceleration performance.		
Flight Track comes into contact with terrain. Minimum AGL along route was -47.14 Ft.		
Flight Track contacted terrain (DTED lvl 0 max) between AER and DER or within 2/3 NM of DER.		

DME/DME		<a href="#">Return To Summary</a>
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.165 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min DME Range: 3.0 NM	
	Allowed Gap Length: 4.0 NM	
	DME Types: VOR/DME, VORTAC, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
DoD Facilities: Not included		
Foreign Facilities: Not included		
Low & Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Minimum MSL DMEs Avail: 2251 ft		
Total Number of DMEs Used: 17		
Maximum DME Error: 0.684 NM.		
No Critical DMEs were found.		
Available DMEs: SLI, LAX, SMO, POM, FIM, VTU, SXC, VNY, ELB, OCN, PDZ, IPL, PSP, BLH, JLI, TRM, TNP		
<div>DME/INS Error [ NM ]</div> <div><div>Travel Distance [ NM ]</div></div>		

DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LAX	N 33° 56' 0.31" W 118° 25' 56.75" 15 E	H	Database	NO	0.731	Enabled	19.4%	19.7%
2	SMO	N 34° 0' 37.53" W 118° 27' 22.97" 15 E	L	Database	NO	0.767	Enabled	14.3%	13.1%
3	POM	N 34° 4' 42.20" W 117° 47' 13.47" 15 E	L	Database	NO	0.901	Enabled	0.8%	0.6%
4	SLI	N 33° 46' 59.87" W 118° 3' 17.12" 15 E	L	Database	NO	0.684	Enabled	30.0%	31.3%
5	FIM	N 34° 21' 24.10" W 118° 52' 52.65" 15 E	L	Database	NO	0.924	Enabled	5.0%	4.0%
6	SXC	N 33° 22' 30.20" W 118° 25' 11.68" 15 E	L	Database	NO	0.890	Enabled	22.0%	21.4%
7	VTU	N 34° 6' 53.64" W 119° 2' 56.84" 15 E	L	Database	NO	0.684	Enabled	4.8%	4.7%
8	VNY	N 34° 13' 26.48" W 118° 29' 30.21" 15 E	L	Database	NO	0.684	Enabled	1.6%	1.6%
9	OCN	N 33° 14' 26.28" W 117° 25' 3.79" 15 E	H	Database	NO	1.329	Enabled	28.1%	32.1%
10	ELB	N 33° 40' 33.71" W 117° 43' 51.90" 14 E	T	Database	NO	0.684	Enabled	1.2%	1.2%
11	PDZ	N 33° 55' 6.85" W 117° 31' 46.42" 15 E	H	Database	NO	0.684	Enabled	11.6%	13.0%
12	IPL	N 32° 44' 55.92" W 115° 30' 30.90" 14 E	H	Database	NO	0.684	Enabled	13.0%	15.2%
13	PSP	N 33° 52' 12.05" W 116° 25' 47.22" 13 E	L	Database	NO	0.684	Enabled	12.4%	14.5%
14	JLI	N 33° 8' 25.65" W 116° 35' 9.37" 15 E	L	Database	NO	0.684	Enabled	2.7%	3.2%
15	BLH	N 33° 35' 45.83" W 114° 45' 40.58" 14 E	H	Database	NO	0.684	Enabled	3.7%	4.4%

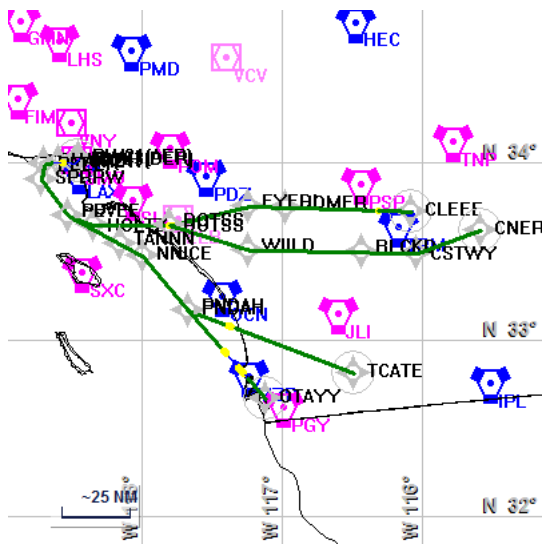
DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used (Continued)									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
16	TNP	N 34° 6' 44.04" W 115° 46' 11.66" 15 E	L	Database	NO	0.684	Enabled	6.0%	7.0%
17	TRM	N 33° 37' 41.14" W 116° 9' 36.71" 13 E	H	Database	NO	0.684	Enabled	0.8%	0.9%
	Total Coverage							3.4%	3.9%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0									
0.8									
1.7		LAX	SMO	POM	SLI				
7.5		LAX	SMO	FIM	SLI				
11.6		LAX	SMO	FIM	SLI	SXC		VTU	
17.3		LAX	SMO	VTU	SLI	SXC		FIM	
33.1		VNY	SMO	VTU	SLI	SXC		LAX	
42.6		LAX	SMO	POM	SLI	SXC		ELB	
52.6		LAX	SMO	OCN	SLI	SXC		ELB	
70.1		PDZ	ELB	OCN	SLI	SXC		POM	
88.7		PDZ	POM	OCN	SLI	LAX			
98.8		PDZ	POM	OCN	IPL	LAX			
112.3		PDZ	OCN	IPL	LAX				
122.5		PSP	JLI	OCN	IPL	LAX		BLH	
138.3		PSP	BLH	TRM	IPL	TNP			

DME/DME (Continued)			<a href="#">Return To Summary</a>
<i>Inertial Drift Segments</i>			
#	Start Location	End Location	Length [NM]
1	N 34° 1' 14.48" W 118° 26' 43.96"	N 33° 59' 58.35" W 118° 33' 20.84"	6.1
	VOR: POM	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: VNY	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: VTU	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: CMA	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: SXC	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: FIM	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: SLI	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: SMO	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	
	VOR: LAX	Available from N 34° 1' 14.48" W 118° 26' 43.96" to N 33° 59' 58.35" W 118° 33' 20.84"	



DME/DME (Continued)			<a href="#">Return To Summary</a>
Inertial Drift Segments (Continued)			
#	Start Location	End Location	Length [NM]
2	N 33° 59' 59.77" W 118° 33' 59.29"	N 33° 59' 54.01" W 118° 38' 6.76"	3.4
	VOR: POM	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 34° 0' 2.07" W 118° 35' 1.77"	
	VOR: VNY	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: VTU	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: CMA	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: SXC	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: FIM	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: SLI	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: SMO	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	
	VOR: LAX	Available from N 33° 59' 59.77" W 118° 33' 59.29" to N 33° 59' 54.01" W 118° 38' 6.76"	

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
RW21(AER)	RW03(DER)	
RW03(DER)	GH21:	
GH21:	WRASH	LAX, POM, SLI, and SMO
WRASH	PEEER	FIM, LAX, SLI, and SMO
PEEER	SPRRW	FIM, LAX, SLI, SMO, SXC, and VTU*
SPRRW	PEVEE	LAX, SLI, SMO, SXC, VTU, FIM*, and VNY*
PEVEE	HOLTZ	SLI, SMO, SXC, VNY, VTU, and LAX*
HOLTZ	DOTSS	LAX, OCN, POM, SLI, SMO, SXC, ELB*, and VNY*
DOTSS	EYEDL	ELB, LAX, OCN, PDZ, POM, SLI, and SXC
EYEDL	HOMER	IPL, LAX, OCN, PDZ, and POM
HOMER	CLEEE	BLH, IPL, JLI, LAX, OCN, PDZ, PSP, TNP, and TRM



<b>Name:</b>	Bob Tinkham
<b>Project Name:</b>	KSMO PEVEE4 SID
<b>Output File:</b>	KSMO PEVEE4 SID DOTSS CNERY 20150807_1041
<b>Procedure Name:</b>	PEVEE4
<b>Software:</b>	RNAV-Pro™
<b>Version:</b>	2.38
<b>Date/Time:</b>	8/7/2015 10:43:39 AM
<b>Input File:</b>	KSMO PEVEE4 SID DOTSS CNERY 20150807_0958.txt
<b>Databases:</b>	AIRNAV Date: 8/4/2015 CIFP Date: 2/5/2015 DTED® (MAX) Date: 2002

## Flyability



## DME/DME



### No Critical DMEs Exist

## Radars

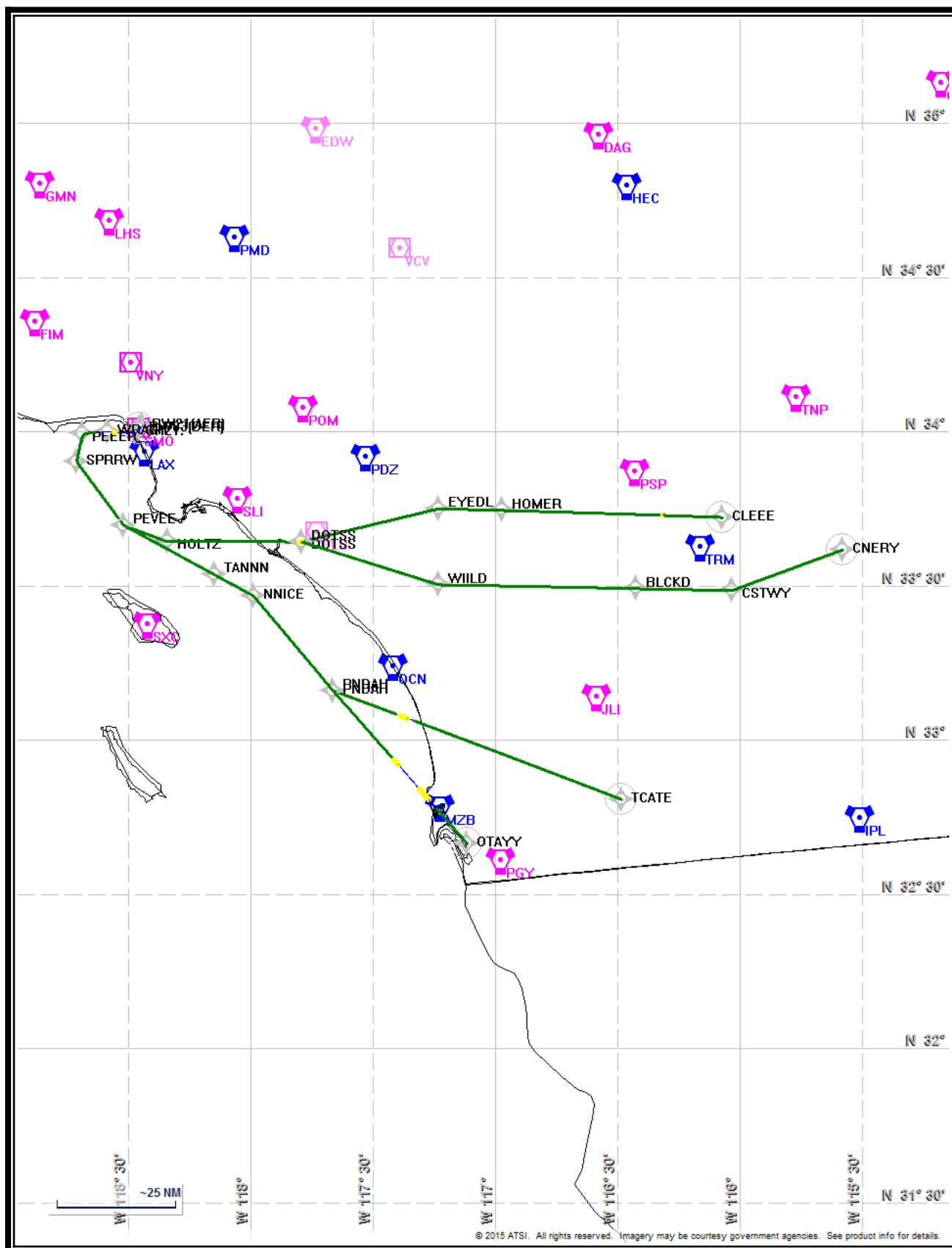


## Comms



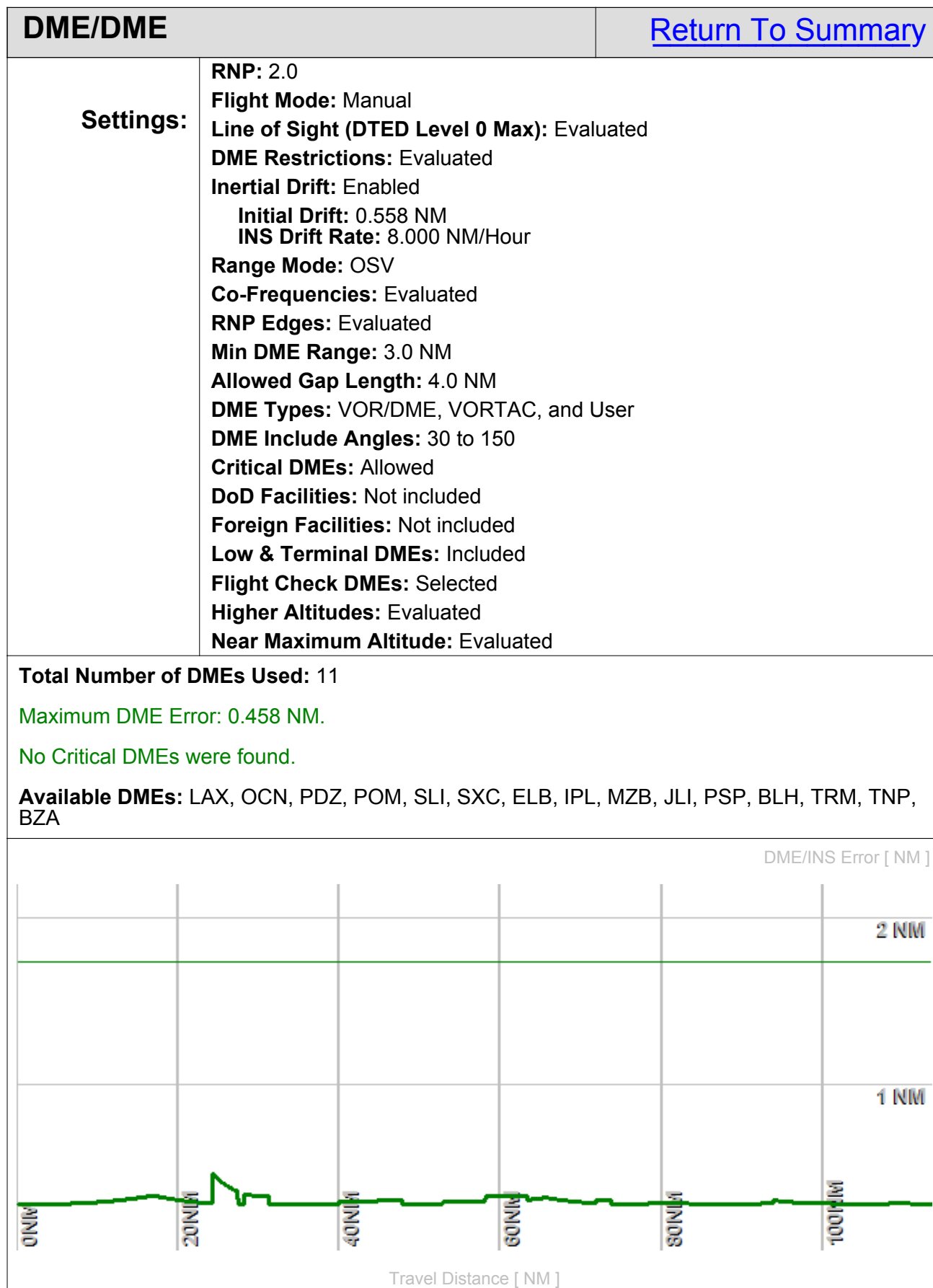
## TERPS





Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
DOTSS	WP	N 33° 38' 38.78" W 117° 47' 43.02"	10000.0	Step	180.0	Fly By	TF
WIILD	WP	N 33° 30' 17.34" W 117° 13' 59.88"	15000.0	VNAV	210.0	Fly By	TF
BLCKD	WP	N 33° 29' 31.77" W 116° 25' 28.14"	15000.0	VNAV	210.0	Fly By	TF
CSTWY	WP	N 33° 29' 9.77" W 116° 2' 3.05"	15000.0	VNAV	210.0	Fly By	TF
CNERY	WP	N 33° 37' 3.75" W 115° 34' 56.72"	15000.0	VNAV	210.0	Fly Over	TF

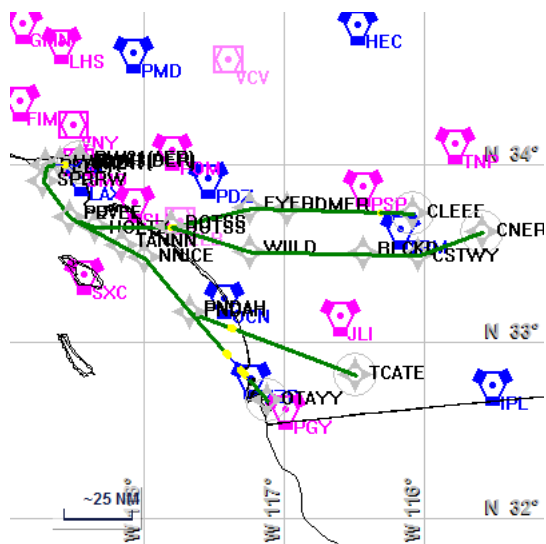
Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition	
	<b>Selected Airport:</b> KSMO	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</b>	
	Table:	
	200.0 Kts up to 11000.0 ft	
	240.0 Kts up to 18000.0 ft	
	260.0 Kts up to 24000.0 ft	
	340.0 Kts up to 99900.0 ft	
	<b>Wind Settings:</b> <i>None assigned</i>	
	<b>Descent During a Turn:</b> Allowed	
	<b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	PDZ	N 33° 55' 6.85" W 117° 31' 46.42" 15 E	H	Database	NO	1.007	Enabled	22.4%	21.5%
2	SLI	N 33° 46' 59.87" W 118° 3' 17.12" 15 E	L	Database	NO	0.947	Enabled	22.2%	21.4%
3	OCN	N 33° 14' 26.28" W 117° 25' 3.79" 15 E	H	Database	NO	0.537	Enabled	35.8%	36.2%
4	LAX	N 33° 56' 0.31" W 118° 25' 56.75" 15 E	H	Database	NO	0.458	Enabled	12.0%	12.2%
5	IPL	N 32° 44' 55.92" W 115° 30' 30.90" 14 E	H	Database	NO	0.458	Enabled	22.4%	22.7%
6	JLI	N 33° 8' 25.65" W 116° 35' 9.37" 15 E	L	Database	NO	0.458	Enabled	23.6%	23.8%
7	MZB	N 32° 46' 55.93" W 117° 13' 31.49" 15 E	H	Database	NO	0.458	Enabled	6.9%	6.9%
8	PSP	N 33° 52' 12.05" W 116° 25' 47.22" 13 E	L	Database	NO	0.458	Enabled	23.1%	23.3%
9	BLH	N 33° 35' 45.83" W 114° 45' 40.58" 14 E	H	Database	NO	0.458	Enabled	17.7%	17.9%
10	TRM	N 33° 37' 41.14" W 116° 9' 36.71" 13 E	H	Database	NO	0.458	Enabled	2.7%	2.7%
11	TNP	N 34° 6' 44.04" W 115° 46' 11.66" 15 E	L	Database	NO	0.458	Enabled	11.2%	11.3%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		PDZ	SLI	OCN	LAX	IPL	POM		
28.7		PDZ	JLI	OCN	MZB	IPL	LAX		
39.6		PDZ	JLI	OCN	MZB	LAX	IPL		
50.4		PSP	JLI	OCN	IPL	LAX	MZB		
69.9		PSP	JLI	OCN	IPL	BLH	TRM		
88.9		TRM	JLI	TNP	IPL	BLH	PSP		
103.4		TRM	BZA	TNP	IPL	BLH			



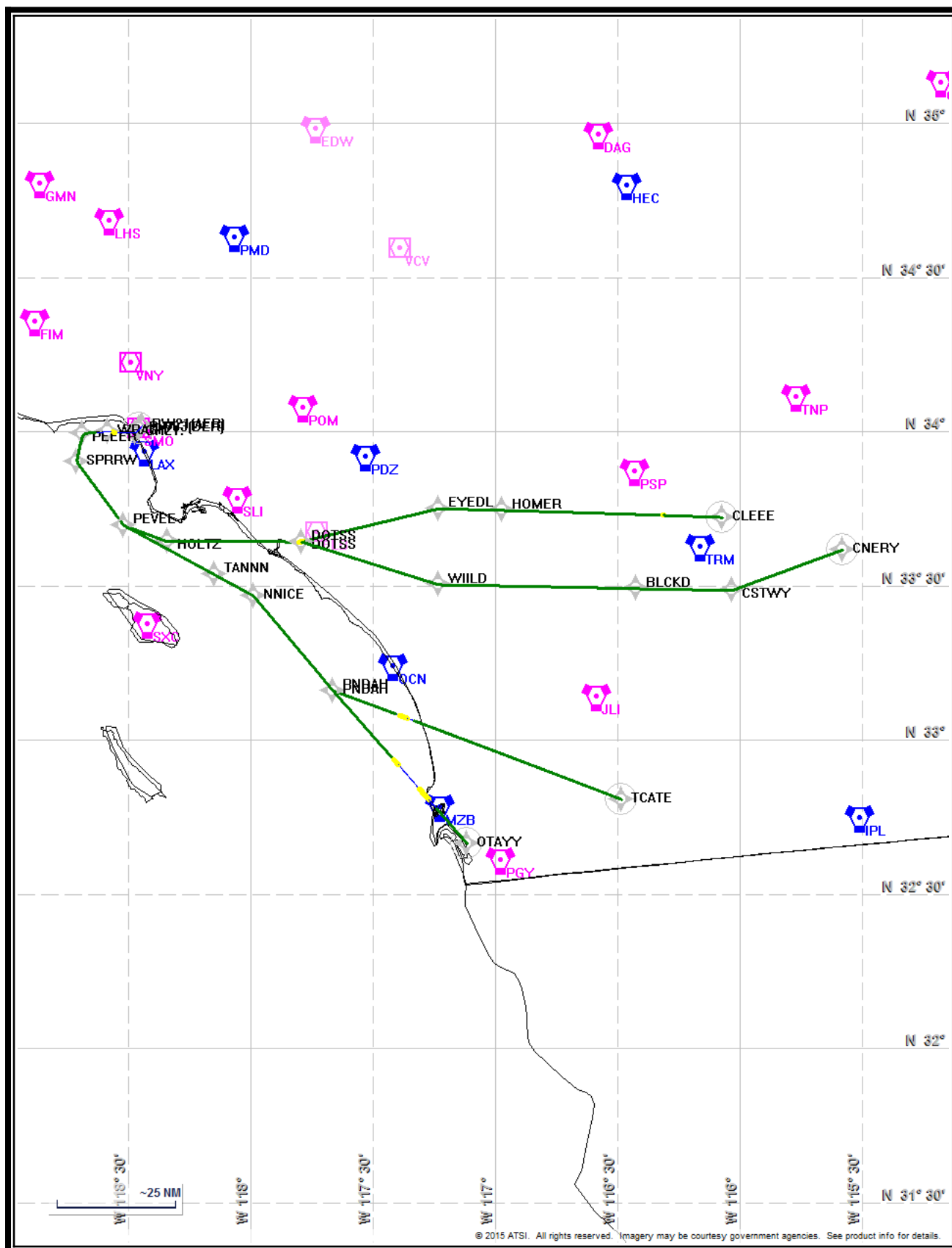
Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
DOTSS	WIILD	IPL, LAX, OCN, PDZ, SLI, ELB*, POM*, and SXC*
WIILD	BLCKD	IPL, JLI, LAX, MZB, OCN, PDZ, and PSP
BLCKD	CSTWY	BLH, IPL, JLI, OCN, PSP, and TRM*
CSTWY	CNERY	BLH, BZA, IPL, JLI, TNP, TRM, and PSP*



**Name:** Bob Tinkham  
**Project Name:** KSMO PEVEE4 SID  
**Output File:** KSMO PEVEE4 SID  
 PEVEE OTAYY  
 20150807\_1041  
**Procedure Name:** PEVEE4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/7/2015 10:44:16 AM  
**Input File:** [KSMO PEVEE4 SID  
 PEVEE OTAYY  
 20150807\\_0959.txt](#)  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

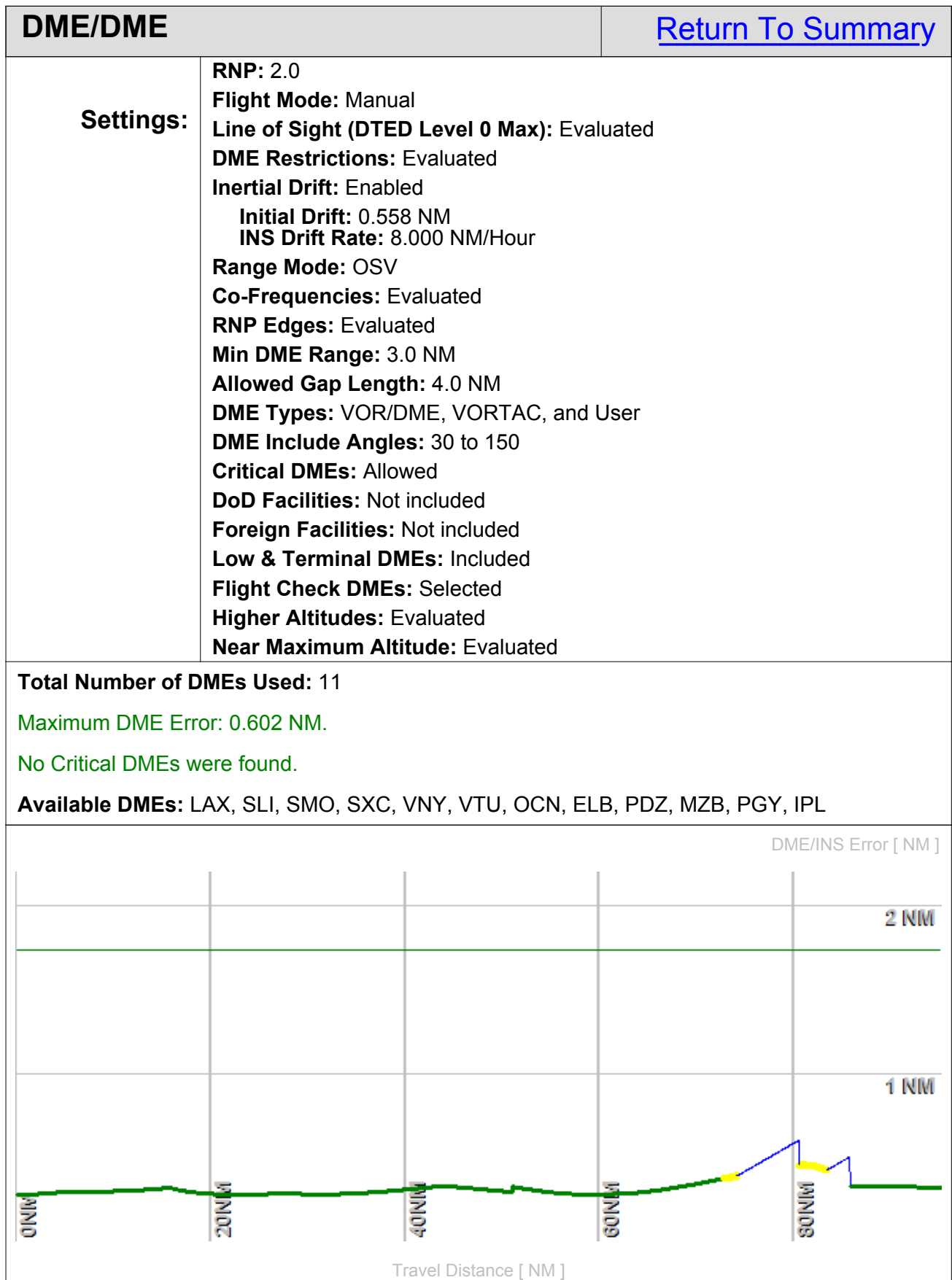
## Results Summary:

<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
PEVEE	WP	N 33° 41' 50.00" W 118° 31' 15.00"	9000.0	Step	180.0	Fly By	TF
TANNN	WP	N 33° 32' 15.00" W 118° 9' 1.23"	9000.0	VNAV	180.0	Fly By	TF
NNICE	WP	N 33° 28' 7.67" W 117° 59' 26.89"	15000.0	VNAV	210.0	Fly By	TF
PNDAAH	WP	N 33° 9' 42.00" W 117° 39' 56.00"	15000.0	VNAV	210.0	Fly By	TF
OTAYY	WP	N 32° 39' 54.45" W 117° 6' 58.45"	15000.0	VNAV	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition <b>Selected Airport:</b> KSMO <b>Aircraft Category:</b> Cat D <b>Climb Gradient:</b> <i>None assigned</i> <b>Ground Speeds:</b> Table: 200.0 Kts up to 11000.0 ft 240.0 Kts up to 18000.0 ft 260.0 Kts up to 24000.0 ft 340.0 Kts up to 99900.0 ft  <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
	Entire track is fly-able	

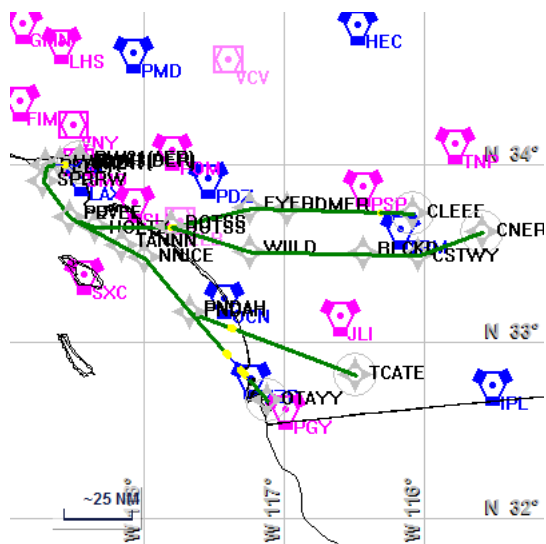


DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	SLI	N 33° 46' 59.87" W 118° 3' 17.12" 15 E	L	Database	NO	1.027	Enabled	40.9%	39.7%
2	SXC	N 33° 22' 30.20" W 118° 25' 11.68" 15 E	L	Database	NO	0.602	Enabled	30.8%	29.8%
3	VNY	N 34° 13' 26.48" W 118° 29' 30.21" 15 E	L	Database	NO	0.602	Enabled	3.3%	2.9%
4	SMO	N 34° 0' 37.53" W 118° 27' 22.97" 15 E	L	Database	NO	0.602	Enabled	9.5%	8.8%
5	LAX	N 33° 56' 0.31" W 118° 25' 56.75" 15 E	H	Database	NO	0.654	Enabled	24.4%	23.1%
6	ELB	N 33° 40' 33.71" W 117° 43' 51.90" 14 E	T	Database	NO	0.602	Enabled	2.4%	2.3%
7	PDZ	N 33° 55' 6.85" W 117° 31' 46.42" 15 E	H	Database	NO	0.602	Enabled	1.8%	1.9%
8	OCN	N 33° 14' 26.28" W 117° 25' 3.79" 15 E	H	Database	NO	1.633	Enabled	42.4%	44.6%
9	MZB	N 32° 46' 55.93" W 117° 13' 31.49" 15 E	H	Database	NO	0.775	Enabled	6.1%	6.4%
10	PGY	N 32° 36' 37.22" W 116° 58' 44.69" 14 E	L	Database	NO	0.619	Enabled	11.5%	12.1%
11	IPL	N 32° 44' 55.92" W 115° 30' 30.90" 14 E	H	Database	NO	0.615	Enabled	9.4%	9.9%
	Total Coverage							91.1%	90.7%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		SLI	SMO	VNY	SXC	LAX	VTU		
10.4		SLI	SMO	SXC	LAX				
20.8		PDZ	SMO	ELB	SXC	LAX	SLI		
29.1		SLI	MZB	OCN	SXC	LAX	PDZ		
54.3		IPL	MZB	OCN	PGY	LAX			

DME/DME (Continued)			<a href="#">Return To Summary</a>
<i>Inertial Drift Segments</i>			
#	Start Location	End Location	Length [NM]
1	N 32° 55' 18.98" W 117° 23' 57.41"	N 32° 50' 37.71" W 117° 18' 46.45"	6.4
	VOR: MZB	Available from N 32° 55' 18.98" W 117° 23' 57.41" to N 32° 50' 37.71" W 117° 18' 46.45"	
	VOR: OCN	Available from N 32° 55' 18.98" W 117° 23' 57.41" to N 32° 50' 37.71" W 117° 18' 46.45"	
	VOR: PGY	Available from N 32° 55' 18.98" W 117° 23' 57.41" to N 32° 50' 37.71" W 117° 18' 46.45"	
2	N 32° 48' 31.63" W 117° 16' 27.28"	N 32° 46' 48.96" W 117° 14' 34.12"	2.3
	VOR: MZB	Available from N 32° 48' 31.63" W 117° 16' 27.28" to N 32° 46' 48.96" W 117° 14' 34.12"	
	VOR: OCN	Available from N 32° 48' 31.63" W 117° 16' 27.28" to N 32° 46' 48.96" W 117° 14' 34.12"	
	VOR: PGY	Available from N 32° 48' 31.63" W 117° 16' 27.28" to N 32° 46' 48.96" W 117° 14' 34.12"	
	VOR: JLI	Available from N 32° 48' 25.77" W 117° 16' 20.82" to N 32° 46' 48.96" W 117° 14' 34.12"	



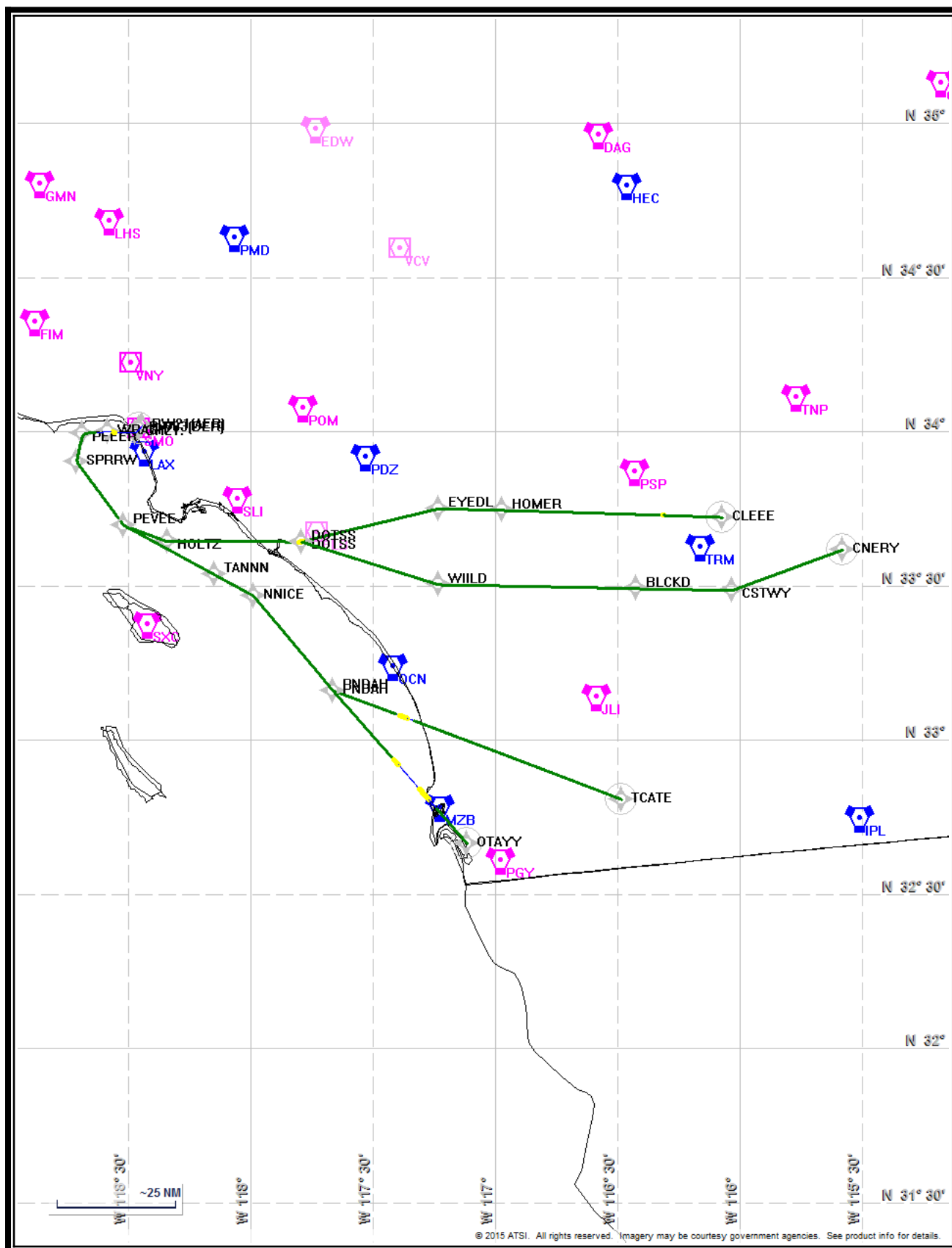
Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
PEVEE	TANNN	LAX, SLI, SMO, SXC, VNY, and VTU*
TANNN	NNICE	ELB, LAX, PDZ, SMO, SXC, OCN*, and SLI*
NNICE	PNDAH	LAX, MZB, OCN, SLI, SXC, and PDZ*
PNDAH	OTAYY	IPL, LAX, MZB, OCN, and PGY



**Name:** Bob Tinkham  
**Project Name:** KSMO PEVEE4 SID  
**Output File:** KSMO PEVEE4 PNDAAH  
 TCATE 20150807\_1041  
**Procedure Name:** PEVEE4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/7/2015 10:42:55 AM  
**Input File:** [KSMO PEVEE4 PNDAAH  
 TCATE 20150807\\_0956.txt](#)  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

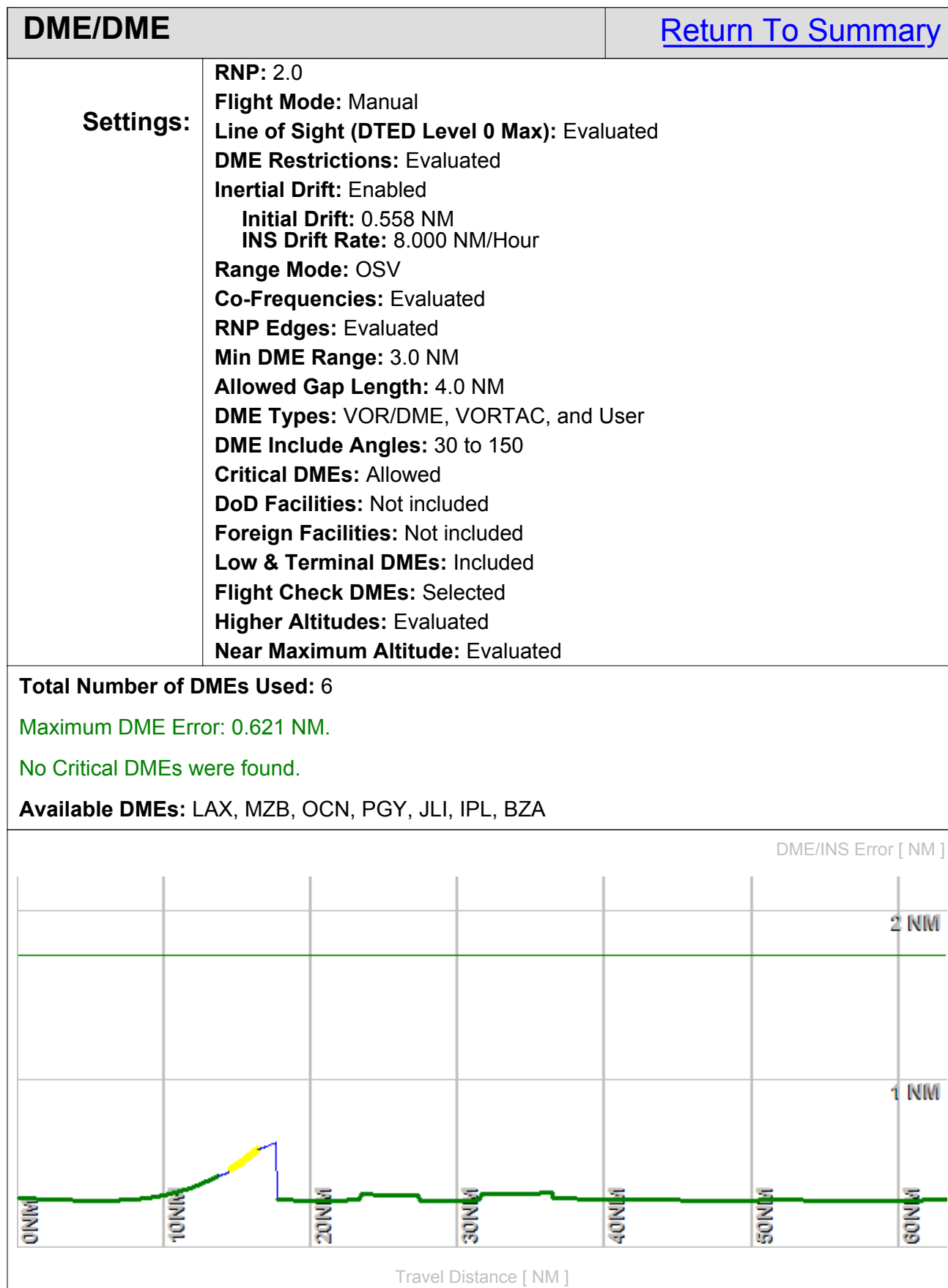
## Results Summary:

<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
PNDAAH	WP	N 33° 9' 42.00" W 117° 39' 56.00"	15000.0	Step	210.0	Fly By	TF
TCATE	WP	N 32° 48' 29.07" W 116° 28' 59.88"	15000.0	VNAV	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<div>Flight Type: Selected Airport: KSMO Aircraft Category: Cat D Climb Gradient: <i>None assigned</i> Ground Speeds:     Table:         200.0 Kts up to 11000.0 ft         240.0 Kts up to 18000.0 ft         260.0 Kts up to 24000.0 ft         340.0 Kts up to 99900.0 ft  Wind Settings: <i>None assigned</i> Descent During a Turn: Allowed VNAV Mode: Flight Plan</div>	
	Entire track is fly-able	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LAX	N 33° 56' 0.31" W 118° 25' 56.75" 15 E	H	Database	NO	0.573	Enabled	29.5%	29.5%
2	OCN	N 33° 14' 26.28" W 117° 25' 3.79" 15 E	H	Database	NO	1.145	Enabled	37.8%	37.8%
3	MZB	N 32° 46' 55.93" W 117° 13' 31.49" 15 E	H	Database	NO	0.554	Enabled	33.7%	33.7%
4	JLI	N 33° 8' 25.65" W 116° 35' 9.37" 15 E	L	Database	NO	0.680	Enabled	40.4%	40.4%
5	IPL	N 32° 44' 55.92" W 115° 30' 30.90" 14 E	H	Database	NO	0.621	Enabled	26.8%	26.8%
6	PGY	N 32° 36' 37.22" W 116° 58' 44.69" 14 E	L	Database	NO	0.621	Enabled	24.9%	24.9%
	Total Coverage							96.5%	96.5%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		LAX	OCN	MZB	PGY	JLI			
20.2		LAX	IPL	MZB	PGY	JLI	OCN		
42.2		OCN	IPL	MZB	PGY	JLI	BZA		
Inertial Drift Segments									
#	Start Location			End Location			Length [NM]		
1	N 33° 5' 9.42" W 117° 24' 29.74"			N 33° 4' 53.47" W 117° 23' 35.84"			0.8		
VOR: MZB			Available from N 33° 5' 9.42" W 117° 24' 29.74" to N 33° 4' 53.47" W 117° 23' 35.84"						
VOR: ELB			Available from N 33° 5' 9.42" W 117° 24' 29.74" to N 33° 4' 53.47" W 117° 23' 35.84"						
VOR: OCN			Available from N 33° 5' 9.42" W 117° 24' 29.74" to N 33° 4' 53.47" W 117° 23' 35.84"						
VOR: PGY			Available from N 33° 5' 9.42" W 117° 24' 29.74" to N 33° 4' 53.47" W 117° 23' 35.84"						

DME/DME (Continued)			<a href="#">Return To Summary</a>
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
2	N 33° 4' 17.58" W 117° 21' 34.59"	N 33° 3' 52.30" W 117° 20' 9.28"	1.3
	VOR: MZB	Available from N 33° 4' 17.58" W 117° 21' 34.59" to N 33° 3' 52.30" W 117° 20' 9.28"	
	VOR: OCN	Available from N 33° 4' 17.58" W 117° 21' 34.59" to N 33° 3' 52.30" W 117° 20' 9.28"	
	VOR: JLI	Available from N 33° 4' 17.58" W 117° 21' 34.59" to N 33° 3' 52.30" W 117° 20' 9.28"	
	VOR: PGY	Available from N 33° 4' 17.58" W 117° 21' 34.59" to N 33° 3' 52.30" W 117° 20' 9.28"	



Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
PNDAA	TCATE	IPL, JLI, LAX, MZB, OCN, PGY, and BZA*