

DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BLD FAA 702031-49 BLD	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
2	BTY FAA 704180-38 BTY	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
Restriction:		Bearing [True]: 341.0° to 105.0° Bearing [Mag]: 325.0° to 89.0°				Distance: Beyond 9.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 211.0° to 226.0° Bearing [Mag]: 195.0° to 210.0°				Distance: Beyond 33.0 NM Altitude: Below 10500.0 ft		
Restriction:		Bearing [True]: 321.0° to 341.0° Bearing [Mag]: 305.0° to 325.0°				Distance: Beyond 28.0 NM Altitude: Below 9000.0 ft		
Restriction:		Bearing [True]: 16.0° to 76.0° Bearing [Mag]: 0.0° to 60.0°				Distance: Beyond 12.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 281.0° to 321.0° Bearing [Mag]: 265.0° to 305.0°				Distance: Beyond 30.0 NM Altitude: Below 10200.0 ft		
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
3	GMN FAA 901828-8 GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
Restriction:		Bearing [True]: 236.0° to 271.0° Bearing [Mag]: 220.0° to 255.0°				Distance: Beyond 10.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 236.0° to 271.0° Bearing [Mag]: 220.0° to 255.0°				Distance: Beyond 8.0 NM Altitude: Below 13000.0 ft		
Restriction:		Bearing [True]: 206.0° to 236.0° Bearing [Mag]: 190.0° to 220.0°				Distance: Beyond 27.0 NM Altitude: Below 9500.0 ft		
Restriction:		Bearing [True]: 296.0° to 316.0° Bearing [Mag]: 280.0° to 300.0°				Distance: Beyond 15.0 NM Altitude: Below 8000.0 ft		
Restriction:		Bearing [True]: 271.0° to 296.0° Bearing [Mag]: 255.0° to 280.0°				Distance: Beyond 20.0 NM Altitude: Below 10500.0 ft		
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
4	PMD FAA 230352-17 PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
Restriction:		Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°				Distance: Beyond 16.0 NM Altitude: Below 13000.0 ft		
Restriction:		Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°				Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°				Distance: Beyond 22.0 NM Altitude: Below 9000.0 ft		
Restriction:		Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°				Distance: Beyond 35.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°				Distance: Beyond 25.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°				Distance: Beyond 17.0 NM Altitude: Below 9000.0 ft		
Restriction:		Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°				Distance: Beyond 25.0 NM Altitude: Below 13500.0 ft		
Restriction:		Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°				Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		

DME ESV KVVY [IFPA] HAYEZ1 SID 20260115 1421 MST.

5	PMD FAA 230352-18 PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
	Restriction:	Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°					Distance: Beyond 16.0 NM Altitude: Below 13000.0 ft	
	Restriction:	Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°					Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°					Distance: Beyond 22.0 NM Altitude: Below 9000.0 ft	
	Restriction:	Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°					Distance: Beyond 35.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°					Distance: Beyond 25.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°					Distance: Beyond 17.0 NM Altitude: Below 9000.0 ft	
	Restriction:	Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°					Distance: Beyond 25.0 NM Altitude: Below 13500.0 ft	
	Restriction:	Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°					Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft	
	ESV:	Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°					Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft	
6	PMD FAA 230352-23 PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
	Restriction:	Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°					Distance: Beyond 16.0 NM Altitude: Below 13000.0 ft	
	Restriction:	Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°					Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 243.0° to 254.0° Bearing [Mag]: 228.0° to 239.0°					Distance: Beyond 22.0 NM Altitude: Below 9000.0 ft	
	Restriction:	Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°					Distance: Beyond 35.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 199.0° to 222.0° Bearing [Mag]: 184.0° to 207.0°					Distance: Beyond 25.0 NM Altitude: Below 99999.0 ft	
	Restriction:	Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°					Distance: Beyond 17.0 NM Altitude: Below 9000.0 ft	
	Restriction:	Bearing [True]: 135.0° to 198.0° Bearing [Mag]: 120.0° to 183.0°					Distance: Beyond 25.0 NM Altitude: Below 13500.0 ft	
	Restriction:	Bearing [True]: 234.0° to 242.0° Bearing [Mag]: 219.0° to 227.0°					Distance: Beyond 24.0 NM Altitude: Below 99999.0 ft	
	ESV:	Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°					Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft	
7	SLI FAA 704217-9 SLI	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
	Restriction:	Bearing [True]: 140.0° to 210.0° Bearing [Mag]: 125.0° to 195.0°					Distance: Beyond 20.0 NM Altitude: Below 5000.0 ft	
	ESV:	Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°					Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft	
8	VTU FAA 694043-6 VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
	Restriction:	Bearing [True]: 75.0° to 100.0° Bearing [Mag]: 60.0° to 85.0°					Distance: Beyond 10.0 NM Altitude: Below 13000.0 ft	
	ESV:	Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°					Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft	

DME DME Assessment Results for HAYEZ1 path ANTLP_HEC

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\ANTLP_HEC\KVNY HAYEZ1 SID ANTLP HEC 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
ANTLP	WP	N34° 42' 51.26", W117° 30' 29.82"	15000	VNAV	250	FLY_BY	TF
HEC	WP	N34° 47' 49.26", W116° 27' 46.52"	15000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path ANTLP_HEC

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	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	36.2 %	36.2 %
2	HEC	N34° 47' 49.26", W116° 27' 46.52"	15.0 E	130	H		NO	Enabled	57.5 %	57.5 %
3	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	0.7 %	0.7 %
4	DAG	N34° 57' 44.85", W116° 34' 41.40"	15.0 E	40	L		NO	Enabled	64.3 %	64.3 %
5	TRM	N33° 37' 41.15", W116° 09' 36.70"	13.0 E	130	H		NO	Enabled	28.2 %	28.2 %
6	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	63.1 %	63.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
18.5	TRM	DAG	PMD	HEC	GMN	
18.9	TRM	DAG	HEC	GOG		
20.8	TRM	DAG	PMD	HEC		
21.0	TRM	DAG	HEC	GOG		
33.2	HEC	DAG	GOG	PMD		
33.4	TRM	DAG	HEC	GOG		
33.5	HEC	DAG	GOG	PMD		
33.5	TRM	DAG	HEC	GOG		
33.6	HEC	DAG	GOG	PMD		
48.4	PMD	DAG	GOG			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 42' 51.26", W117° 30' 29.82"	N34° 44' 41.34", W117° 08' 07.37"	18.532

DME DME Assessment Results for HAYEZ1 path ANTLP_HEC

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
ANTLP	HEC	PMD, HEC, GMN, DAG, TRM, GOG	

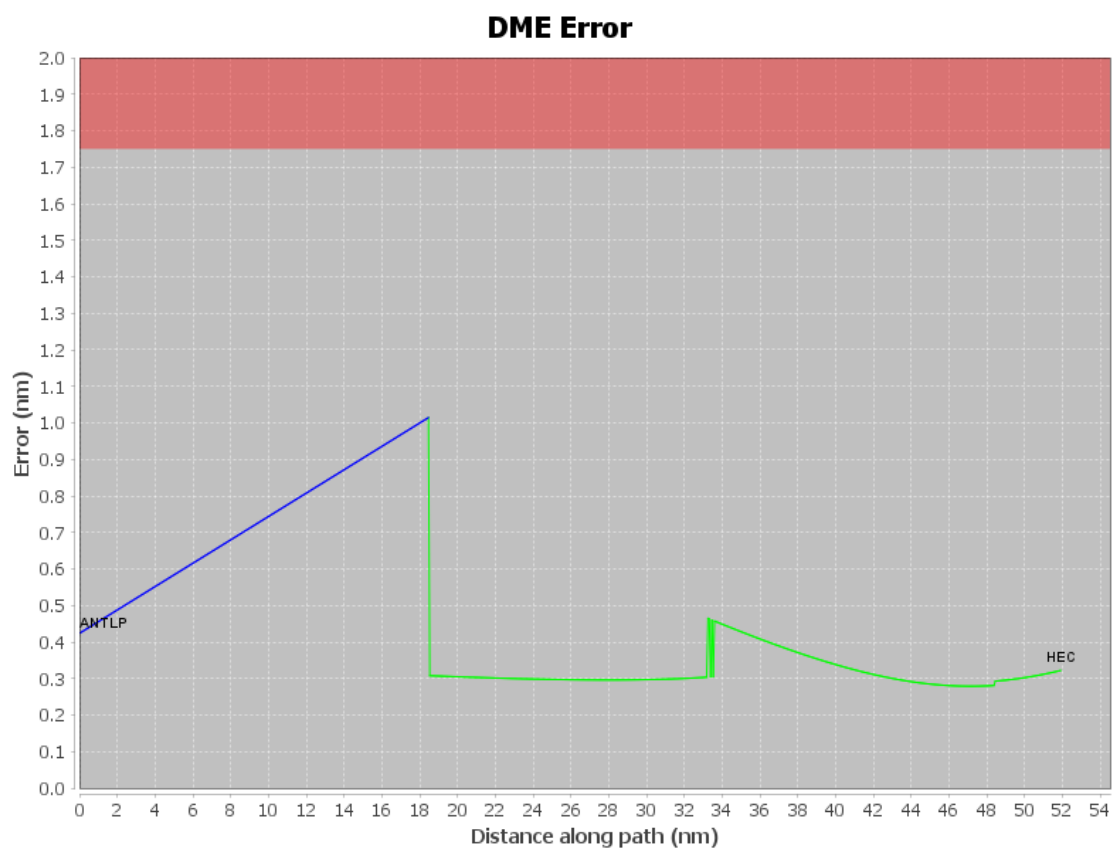
User Data Files

#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path ANTLP_HEC



DME DME Assessment Results for HAYEZ1 path ANTLP_LAS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\ANTLP_LAS\KVNY HAYEZ1 SID ANTLP LAS 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
ANTLP	WP	N34° 42' 51.26", W117° 30' 29.82"	15000	VNAV	250	FLY_BY	TF
NNAVY	WP	N34° 55' 10.68", W116° 43' 40.88"	15000	VNAV	250	FLY_BY	TF
BLAZN	WP	N35° 37' 55.21", W115° 46' 46.06"	17000	VNAV	250	FLY_BY	TF
LAS	WP	N36° 04' 46.93", W115° 09' 35.27"	17000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path ANTLP_LAS

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	EED	N34° 45' 57.62", W114° 28' 26.78"	15.0 E	130	H		NO	Enabled	51.9 %	51.9 %
2	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	29.5 %	29.5 %
3	BTY	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	H		NO	Enabled	11.7 %	11.7 %
4	HEC	N34° 47' 49.26", W116° 27' 46.52"	15.0 E	130	H		NO	Enabled	51.3 %	51.3 %
5	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	0.6 %	0.6 %
6	DAG	N34° 57' 44.85", W116° 34' 41.40"	15.0 E	40	L		NO	Enabled	33.6 %	33.6 %
7	BLD	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	H		NO	Enabled	27.1 %	27.1 %
8	MMM	N36° 46' 09.31", W114° 16' 38.83"	16.0 E	130	H		NO	Enabled	28.1 %	28.1 %
9	PGS	N35° 37' 28.96", W113° 32' 40.08"	15.0 E	130	DH		NO	Enabled	30.5 %	30.5 %
10	TRM	N33° 37' 41.15", W116° 09' 36.70"	13.0 E	130	H		NO	Enabled	9.6 %	9.6 %
11	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	76.2 %	76.3 %
12	LAS	N36° 04' 46.93", W115° 09' 35.27"	15.0 E	130	H		NO	Enabled	24.7 %	24.7 %

DME DME Assessment Results for HAYEZ1 path ANTLP_LAS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
17.6	TRM	DAG	PMD	HEC	GMN	
18.5	TRM	DAG	GOG	HEC		
31.5	GOG	HEC				
40.5	GOG	HEC	DAG	PMD		
41.3	GOG	HEC	PMD			
41.9	GOG	HEC	DAG			
46.2	GOG	HEC	PMD	DAG		
52.7	GOG	HEC	DAG			
52.8	PMD	HEC	GOG	DAG		
58.2	PMD	HEC	GOG			
59.6	PMD	HEC				
69.3	EED	HEC	DAG	GOG	PMD	
80.7	EED	DAG	GOG	PMD		
82.6	EED	DAG	GOG	BLD	PMD	
86.6	EED	HEC	BTY	BLD	DAG	GOG
87.1	EED	HEC	BTY	BLD	GOG	
88.3	EED	HEC	GOG	PGS		
94.1	EED	GOG	PGS			
94.5	EED	HEC	GOG	PGS		
95.1	EED	GOG	PGS			
103.6	EED	GOG	MMM	PGS		
104.3	EED	GOG	LAS	MMM	PGS	
110.0	EED	LAS	GOG	BTY	BLD	MMM
114.9	EED	LAS	BTY	GOG	MMM	
119.3	EED	LAS	BLD	MMM	GOG	PGS
120.0	EED	LAS	BTY	BLD	MMM	GOG
121.3	EED	LAS	BTY	BLD	MMM	
122.3	EED	LAS	BLD	MMM	PGS	
139.9	EED	GOG	MMM	PGS	BLD	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 42' 51.26", W117° 30' 29.82"	N34° 48' 15.63", W117° 10' 07.74"	17.6282

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ANTLP	NNAVY	PMD, HEC, GMN, DAG, TRM, GOG	
NNAVY	BLAZN	EED, PMD, BTY, HEC, DAG, BLD, MMM, PGS, GOG	
BLAZN	LAS	EED, BTY, BLD, MMM, PGS, GOG, LAS	

DME DME Assessment Results for HAYEZ1 path ANTLP_LAS

User Data Files

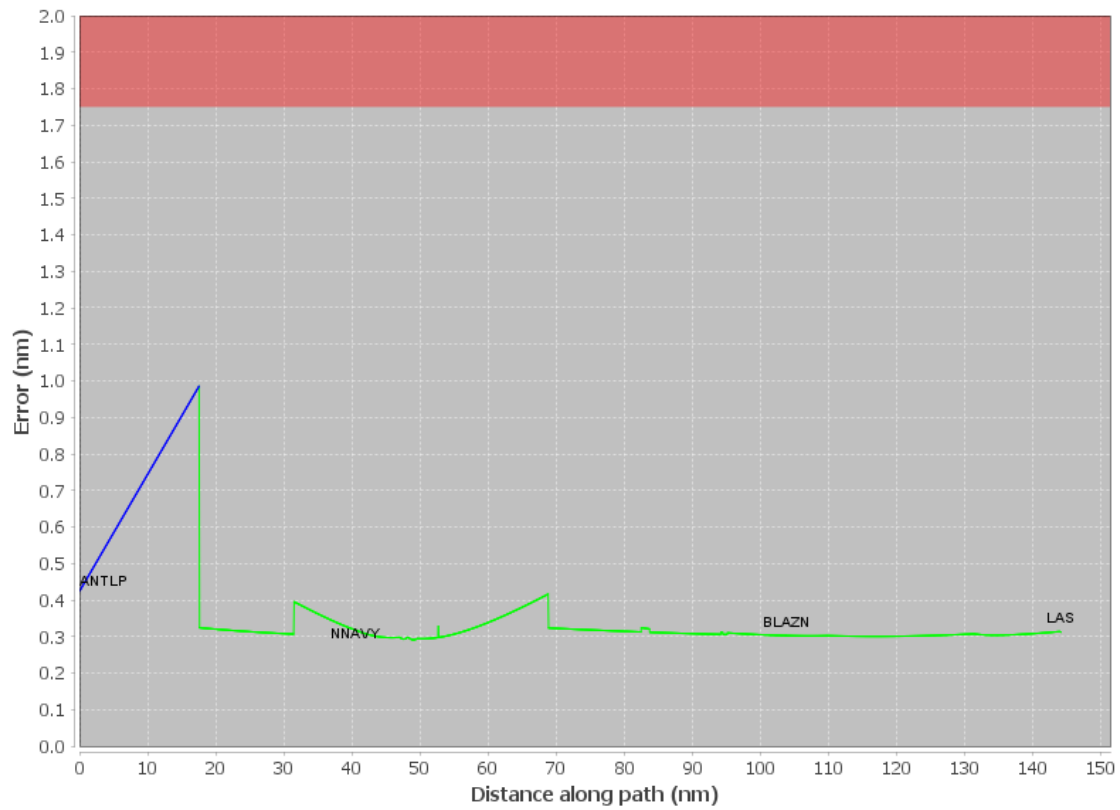
#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path ANTLP_LAS

DME Error



DME DME Assessment Results for HAYEZ1 path DYSP0_FIM

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\DYSP0_FIM\KVNY HAYEZ1 SID DYSP0 FIM 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
DYSP0	WP	N34° 24' 25.00", W118° 36' 49.00"	8000	VNAV	250	FLY_BY	TF
FIM	WP	N34° 21' 24.10", W118° 52' 52.65"	8000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path DYSP0_FIM

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	VNY	N34° 13' 26.48", W118° 29' 30.21"	15.0 E	40	L		NO	Enabled	39.1 %	39.1 %
2	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	100 %	100 %
3	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	35.5 %	35.5 %
4	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH		NO	Enabled	15.2 %	15.2 %
5	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	100 %	100 %
6	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	100 %	100 %
7	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	83.8 %	83.8 %
8	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	76.6 %	76.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAX	FIM	SMO	VNY	VTU	GMN
1.6	LAX	FIM	SMO	GMN	VTU	LHS
3.3	GMN	FIM	LAX	VTU	LHS	
10.4	LAX	VTU	LHS	GMN		
10.4	VNY	LHS	VTU	SMO	LAX	FIM
10.7	VNY	LHS	VTU	SMO	LAX	GMN
10.8	VNY	LHS	VTU	SMO	LAX	TTE
11.7	VNY	VTU	LHS	LAX	GMN	TTE
12.2	VNY	VTU	LHS	LAX	TTE	
12.6	LAX	LHS	VTU			

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

DME DME Assessment Results for HAYEZ1 path DYSP0_FIM

Available DMEs by Waypoints

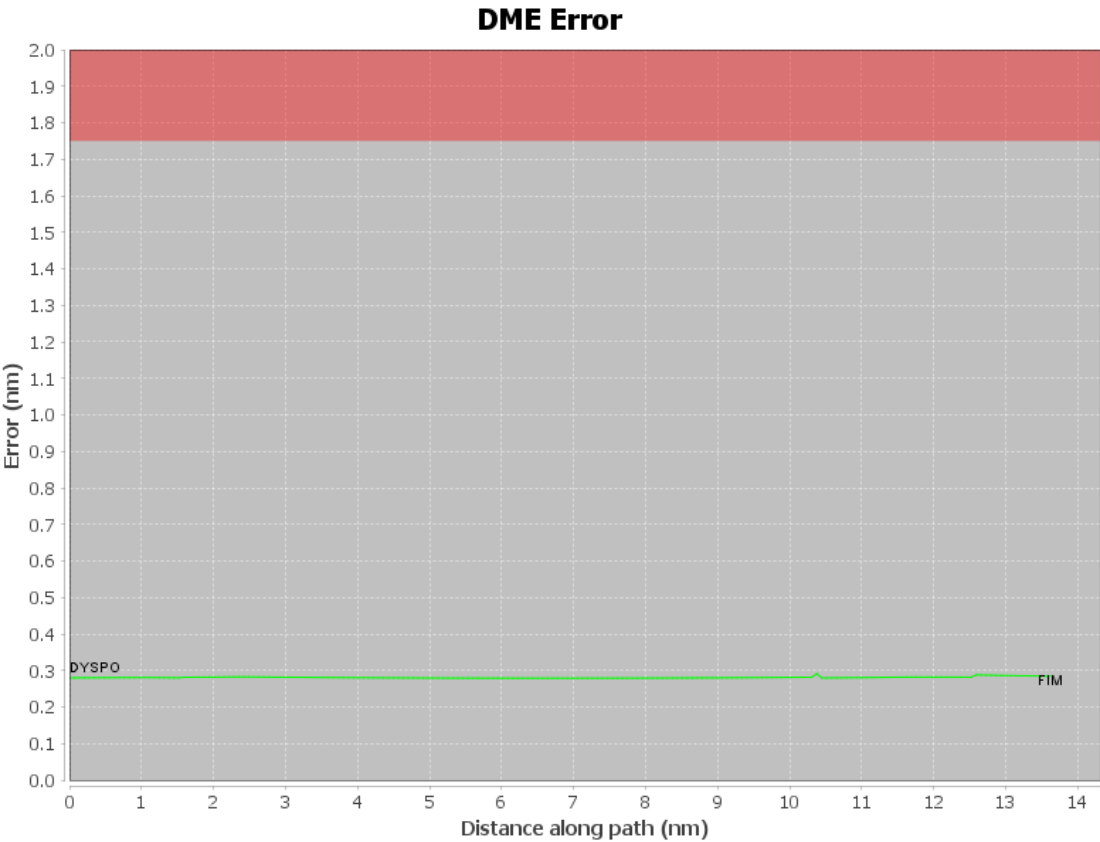
Waypoint Before	Waypoint After	DME List	Suggested DMEs
DYSP0	FIM	VNY, LAX, SMO, TTE, VTU, LHS, GMN, FIM	

User Data Files

#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		



DME DME Assessment Results for HAYEZ1 path HAYEZ_COREZ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\HAYEZ_COREZ\KVNY HAYEZ1 SID HAYEZ COREZ 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
HAYEZ	WP	N34° 22' 40.00", W118° 31' 29.00"	6100	VNAV	250	FLY_BY	TF
DYSPO	WP	N34° 24' 25.00", W118° 36' 49.00"	8000	VNAV	250	FLY_BY	TF
OROSZ	WP	N34° 25' 36.18", W118° 40' 27.01"	8000	VNAV	250	FLY_BY	TF
BRRKK	WP	N34° 34' 14.96", W118° 46' 33.55"	9000	VNAV	250	FLY_BY	TF
SHORS	WP	N34° 47' 43.61", W118° 56' 07.37"	12000	VNAV	250	FLY_BY	TF
MDWAY	WP	N34° 58' 30.50", W119° 03' 49.98"	14000	VNAV	250	FLY_BY	TF
COREZ	WP	N35° 33' 24.00", W119° 29' 01.98"	14000	VNAV	250	FLY_BY	TF
Climb Gradient: 487.0 ft/NM up to 4400.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	487.0 ft/NM up to 4400.0 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 HAYEZ1 path HAYEZ_COREZ

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	VNY	N34° 13' 26.48", W118° 29' 30.21"	15.0 E	40	L		NO	Enabled	9 %	9 %
2	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	17.8 %	17.8 %
3	EHF	N35° 29' 04.40", W119° 05' 50.26"	14.0 E	130	H		NO	Enabled	58.6 %	58.6 %
4	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH		NO	Enabled	94.5 %	94.5 %
5	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	15.5 %	15.6 %
6	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	58.2 %	58.2 %
7	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	33.7 %	33.7 %
8	AVE	N35° 38' 49.11", W119° 58' 42.98"	16.0 E	130	DH		NO	Enabled	73.8 %	73.8 %
9	FLW	N35° 05' 35.10", W119° 51' 56.08"	16.0 E	40	L		NO	Enabled	40.3 %	40.3 %
10	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	11.2 %	11.2 %
11	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	32.2 %	32.2 %
12	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	64.1 %	64.1 %
13	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	0.6 %	0.6 %

DME DME Assessment Results for HAYEZ1 path HAYEZ_COREZ

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GMN	VTU	LHS	FIM	SMO	LAX
7.7	LAX	FIM	GMN	VNY	VTU	TTE
7.8	LAX	FIM	GMN	VTU	TTE	LHS
15.5	GMN	PMD	TTE	LHS	VTU	FIM
17.1	GMN	LHS	TTE			
17.3	GMN	PMD	LHS	TTE	FIM	VTU
20.4	GMN	LHS	TTE	FIM	VTU	
28.2	GMN	LHS	FIM	TTE	AVE	
28.5	LHS	FIM	TTE	AVE		
29.6	PMD	TTE	LHS	AVE		
35.9	GMN	TTE	EHF	LHS	AVE	
37.6	TTE	LHS	EHF	AVE		
51.2	TTE	LHS	AVE	EHF	GMN	
55.6	EHF	FLW	TTE	AVE	GMN	
71.5	AVE	TTE	EHF	FLW		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HAYEZ	DYSPO	VNY, LAX, SMO, TTE, VTU, LHS, GMN, FIM, GOG	
DYSPO	OROSZ	VNY, LAX, SMO, TTE, VTU, LHS, GMN, FIM	
OROSZ	BRRKK	LAX, SMO, TTE, VTU, LHS, PMD, GMN, FIM	
BRRKK	SHORS	AVE, TTE, LHS, PMD, VTU, GMN, FIM	
SHORS	MDWAY	AVE, EHF, TTE, LHS, PMD, GMN	
MDWAY	COREZ	AVE, FLW, EHF, TTE, LHS, GMN	

DME DME Assessment Results for HAYEZ1 path HAYEZ_COREZ

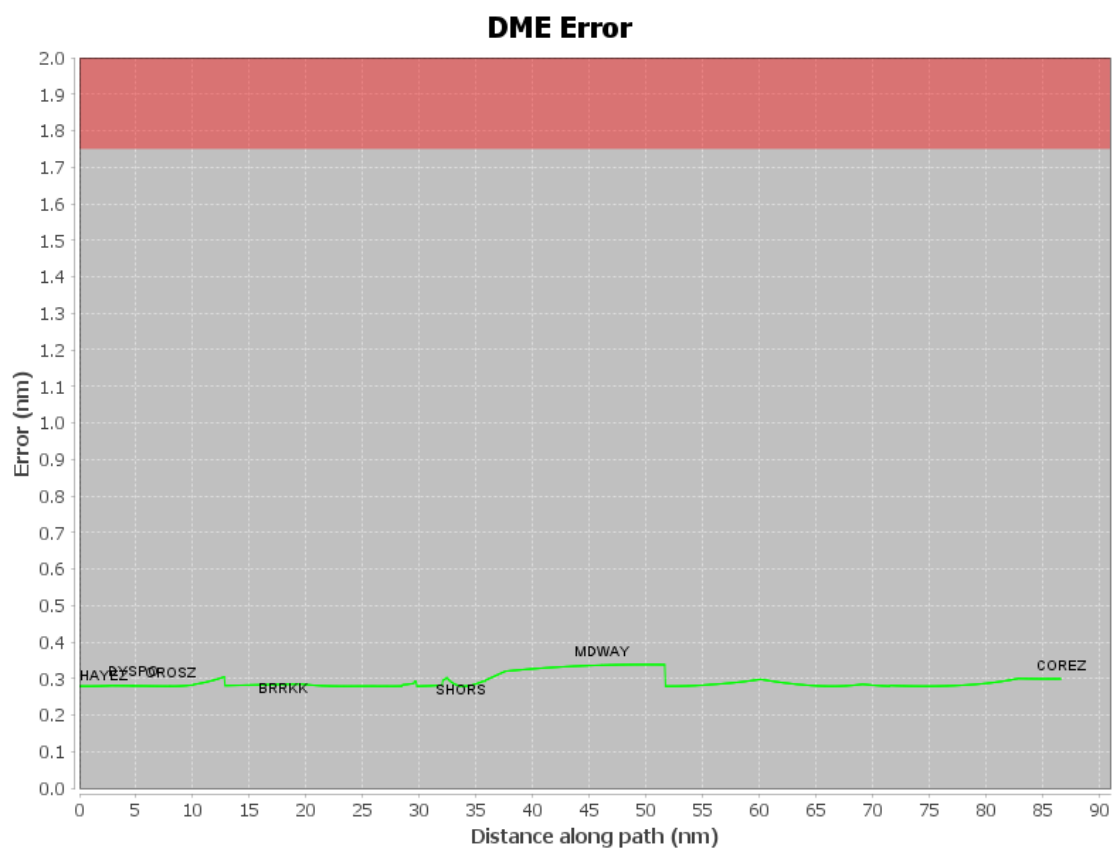
User Data Files

#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path HAYEZ_COREZ



DME DME Assessment Results for HAYEZ1 path JETHK_B LH

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVN Y SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVN Y [IFPA] HAYEZ1 20260115_1421 MST\JETHK_B LH\KVN Y HAYEZ1 SID JETHK BLH 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
JETHK	WP	N34° 41' 29.87", W117° 58' 19.35"	15000	VNAV	250	FLY_BY	TF
AERRO	WP	N34° 19' 19.37", W117° 02' 20.21"	15000	VNAV	250	FLY_BY	TF
DECAS	WP	N33° 49' 24.93", W115° 27' 23.80"	15000	VNAV	250	FLY_BY	TF
BLH	WP	N33° 35' 45.83", W114° 45' 40.58"	15000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVN Y [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path JETHK_BLH

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	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	46.5 %	46.5 %
2	IPL	N32° 44' 55.92", W115° 30' 30.90"	14.0 E	130	H		NO	Enabled	53.5 %	53.5 %
3	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	19.9 %	19.9 %
4	PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	H		NO	Enabled	18.1 %	18.1 %
5	BZA	N32° 46' 05.19", W114° 36' 10.61"	14.0 E	130	H		NO	Enabled	36.1 %	36.1 %
6	PKE	N34° 06' 07.10", W114° 40' 55.44"	15.0 E	130	H		NO	Enabled	15 %	15 %
7	PSP	N33° 52' 12.05", W116° 25' 47.18"	13.0 E	40	L		NO	Enabled	31.7 %	31.7 %
8	TRM	N33° 37' 41.15", W116° 09' 36.70"	13.0 E	130	H		NO	Enabled	41.5 %	41.5 %
9	POM	N34° 04' 42.20", W117° 47' 13.46"	15.0 E	40	L		NO	Enabled	2 %	2 %
10	AVE	N35° 38' 49.11", W119° 58' 42.98"	16.0 E	130	DH		NO	Enabled	9.1 %	9.1 %
11	MZB	N32° 46' 55.95", W117° 13' 31.52"	15.0 E	130	H		NO	Enabled	34 %	34 %
12	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	5.4 %	5.4 %
13	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	6.5 %	6.5 %
14	TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	L		NO	Enabled	33.6 %	33.6 %
15	OCN	N33° 14' 26.28", W117° 25' 03.79"	15.0 E	130	H		NO	Enabled	41.1 %	41.1 %
16	BLH	N33° 35' 45.83", W114° 45' 40.58"	14.0 E	130	H		NO	Enabled	55.9 %	55.9 %

DME DME Assessment Results for HAYEZ1 path JETHK_BLH

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAX	LHS	AVE	PMD		
1.4	LAX	LHS	AVE	VTU		
4.0	LAX	LHS	AVE	PMD	VTU	
9.4	LAX	PMD	AVE	VTU		
10.8	PMD	OCN	LAX	AVE		
10.8	LAX	PMD	AVE	VTU		
12.8	PMD	OCN	LAX	AVE		
14.2	LAX	PMD	AVE			
15.3	PMD	OCN	LAX	AVE		
15.8	PMD	OCN	LAX			
21.5	LAX	PMD				
21.7	PMD	OCN	LAX			
23.3	PMD	PDZ	OCN	LAX		
23.8	PMD	PDZ	LAX			
37.2	LAX	PDZ				
38.3						
39.0	LAX	PDZ				
46.4	LAX	OCN	POM	PDZ		
47.7	LAX	OCN				
48.0	LAX	OCN	MZB	PDZ		
48.0	TRM	PDZ	LAX	OCN	MZB	
48.4	LAX	OCN	MZB	PDZ		
48.6	TRM	PDZ	LAX	OCN	MZB	
48.8	LAX	OCN	MZB	PDZ		
49.1	TRM	PDZ	POM	OCN	LAX	MZB
51.4	TRM	PDZ	OCN	LAX	MZB	
52.3	LAX	OCN	MZB	PDZ		
52.9	TRM	PDZ	OCN	LAX	MZB	
55.9	PSP	OCN	TRM	LAX	MZB	
81.2	TNP	PSP	TRM	OCN	MZB	BLH
81.4	TNP	PSP	MZB	BLH	OCN	IPL
87.9	TNP	PSP	BLH	MZB	IPL	
102.6	TRM	BLH	IPL	TNP	OCN	MZB
106.9	TRM	BLH	IPL	TNP	OCN	
113.7	TNP	BLH	TRM	BZA	IPL	
118.9	TNP	PSP	IPL	BLH	BZA	
124.7	IPL	BLH	BZA			
133.5	IPL	BLH	TNP	BZA		
142.6	IPL	BLH	TRM	BZA	TNP	
144.5	PKE	BZA	IPL	BLH	TRM	
158.7	IPL	BLH	PKE	BZA		
169.7	IPL	BZA				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 24' 58.47", W117° 16' 27.42"	N34° 24' 40.38", W117° 15' 42.07"	0.6941

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
JETHK	AERRO	AVE, LAX, MZB, LHS, PMD, VTU, PDZ, OCN, TRM, POM	
AERRO	DECAS	LAX, MZB, IPL, PDZ, TNP, BZA, OCN, PSP, TRM, POM, BLH	
DECAS	BLH	IPL, TNP, BZA, PKE, TRM, BLH	

DME DME Assessment Results for HAYEZ1 path JETHK_BLH

User Data Files

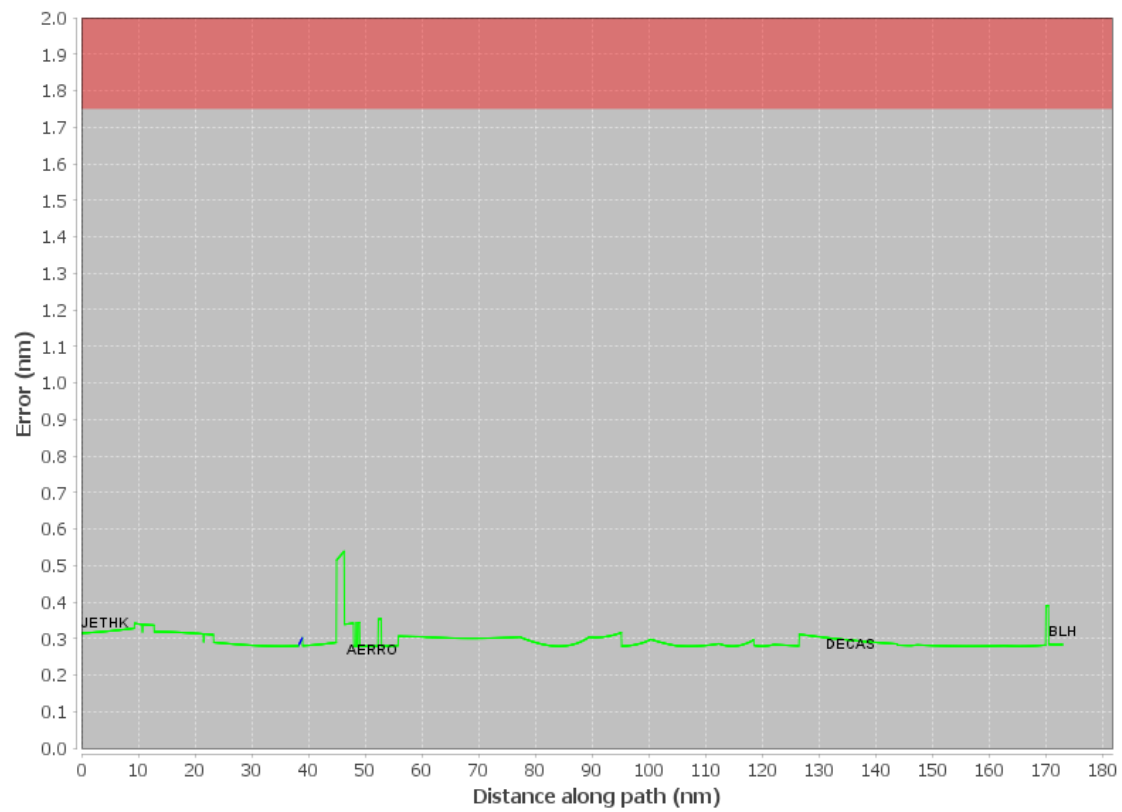
#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path JETHK_B LH

DME Error



DME DME Assessment Results for HAYEZ1 path NNAVY_MISEN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\NNAVY_MISEN\KVNY HAYEZ1 SID NNAVY MISEN 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
NNAVY	WP	N34° 55' 10.68", W116° 43' 40.88"	15000	VNAV	250	FLY_BY	TF
MISEN	WP	N35° 06' 08.46", W116° 24' 13.86"	15000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path NNAVY_MISEN

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	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	80.6 %	80.6 %
2	HEC	N34° 47' 49.26", W116° 27' 46.52"	15.0 E	130	H		NO	Enabled	100 %	100 %
3	DAG	N34° 57' 44.85", W116° 34' 41.40"	15.0 E	40	L		NO	Enabled	51.6 %	51.6 %
4	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	82.4 %	82.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GOG	HEC	DAG	PMD		
0.6	GOG	HEC	PMD			
1.9	GOG	HEC	DAG			
5.4	GOG	HEC	PMD			
9.7	GOG	HEC	DAG			
9.9	PMD	HEC	GOG	DAG		
15.9	PMD	HEC	GOG			
16.0	PMD	HEC				

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
NNAVY	MISEN	PMD, HEC, DAG, GOG	

DME DME Assessment Results for HAYEZ1 path NNAVY_MISEN

User Data Files

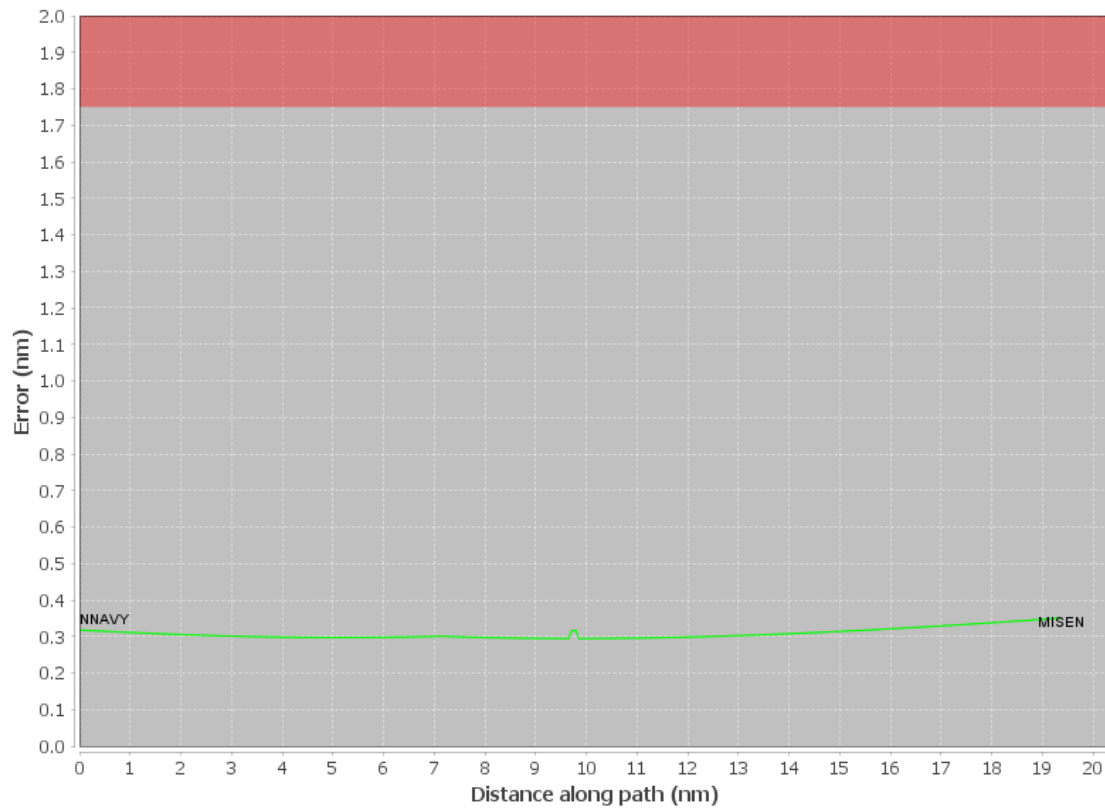
#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path NNAVY_MISEN

DME Error



DME DME Assessment Results for HAYEZ1 path OROSZ_CSTRO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\OROSZ_CSTRO\KVNY HAYEZ1 SID OROSZ CSTRO 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
OROSZ	WP	N34° 25' 36.18", W118° 40' 27.01"	8000	VNAV	250	FLY_BY	TF
HEYJO	WP	N34° 43' 10.33", W118° 43' 53.04"	9000	VNAV	250	FLY_BY	TF
CSTRO	WP	N35° 26' 52.66", W119° 14' 07.00"	14000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KVNY [IFPA]
Climb Gradient:	None assigned
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 HAYEZ1 path OROSZ_CSTRO

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	AVE	N35° 38' 49.11", W119° 58' 42.98"	16.0 E	130	DH		NO	Enabled	78.2 %	78.2 %
2	FLW	N35° 05' 35.10", W119° 51' 56.08"	16.0 E	40	L		NO	Enabled	4.8 %	4.8 %
3	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	10.6 %	10.6 %
4	EHF	N35° 29' 04.40", W119° 05' 50.26"	14.0 E	130	H		NO	Enabled	56.9 %	56.9 %
5	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	2.3 %	2.4 %
6	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH		NO	Enabled	100 %	100 %
7	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	22.7 %	22.7 %
8	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	33.6 %	33.6 %
9	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	77.9 %	77.9 %
10	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	62.7 %	62.7 %
11	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	30.3 %	30.4 %

DME DME Assessment Results for HAYEZ1 path OROSZ_CSTRO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GMN	FIM	LAX	SMO	VTU	TTE
1.7	GMN	FIM	LAX	VTU	TTE	LHS
7.3	GMN	PMD	TTE	FIM	LHS	VTU
15.5	PMD	FIM	TTE	LHS	GMN	AVE
19.2	PMD	FIM	LHS	TTE	AVE	
20.7	TTE	PMD	AVE			
22.7	GMN	TTE	PMD	LHS	AVE	
25.0	PMD	TTE	AVE			
28.1	PMD	TTE	EHF	AVE		
28.3	AVE	TTE	EHF	GMN		
29.0	PMD	TTE	EHF	AVE		
29.3	PMD	GMN	TTE	EHF	AVE	
43.4	PMD	TTE	AVE	EHF		
58.0	GMN	FLW	EHF	AVE	TTE	
61.4	EHF	AVE	TTE	GMN		
64.7	AVE	TTE	EHF			
66.0	AVE	TTE				
67.1	AVE	TTE	EHF			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
OROSZ	HEYJO	AVE, LAX, SMO, TTE, VTU, LHS, PMD, GMN, FIM	
HEYJO	CSTRO	AVE, FLW, EHF, TTE, LHS, PMD, GMN, FIM	

DME DME Assessment Results for HAYEZ1 path OROSZ_CSTRO

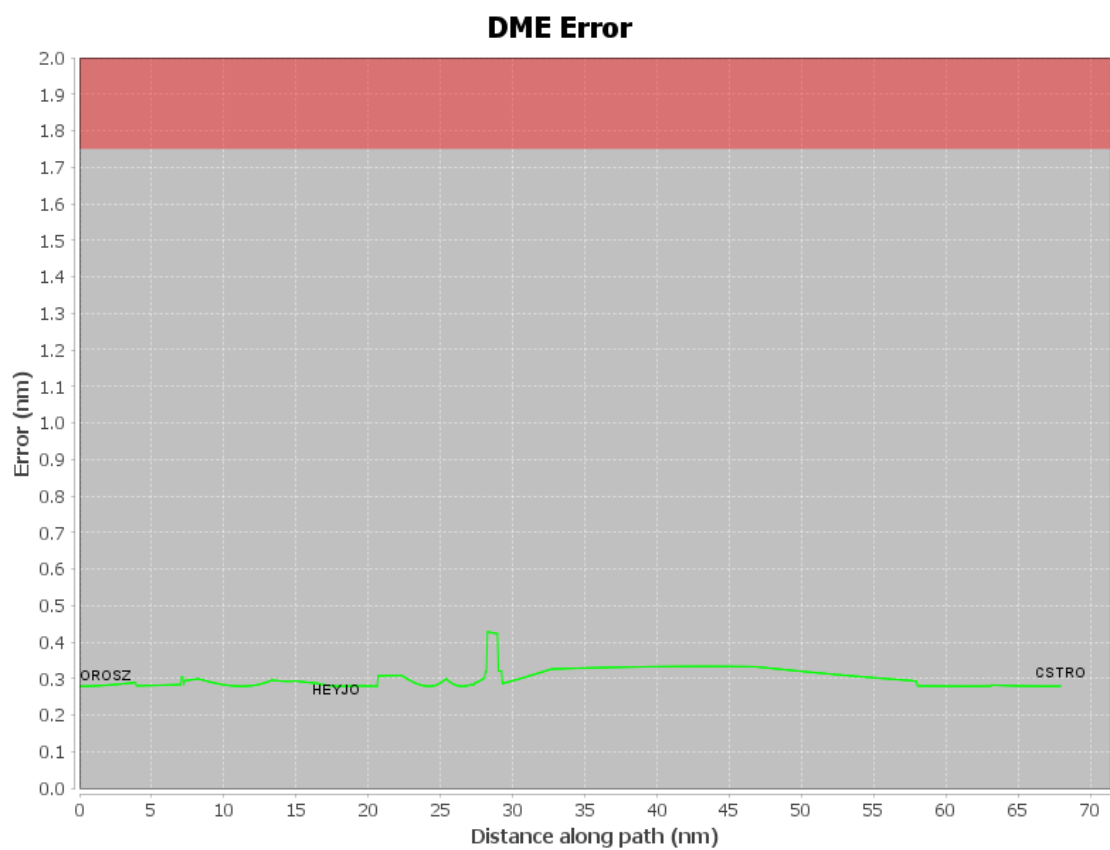
User Data Files

#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path OROSZ_CSTRO



DME DME Assessment Results for HAYEZ1 path KVNY:RW34L:DER_HAILO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\20260115 KVNY SIDs.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\SoCal 32274 SIDs\FPT Submission\KVNY [IFPA] HAYEZ1 20260115_1421 MST\KVNY-RW34L-DER_HAILO\KVNY HAYEZ1 SID RW34L HAILO 20260115_1421 MST.pdf
Procedure Name:	HAYEZ1
Software: DmeDmePlugin:	7.6.0
Date/Time:	01/15/2026 14:21 MST
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
KVNY:RW34L:DER	WP	N34° 13' 08.08", W118° 29' 28.46"	792.9	VNAV	130	FLY_OVER	TF
CONDS	WP	N34° 15' 59.00", W118° 29' 59.00"	2400	VNAV	200	FLY_BY	TF
TRAFF	WP	N34° 18' 01.00", W118° 30' 27.00"	3500	VNAV	200	FLY_BY	TF
LYDEY	WP	N34° 20' 38.00", W118° 31' 02.00"	5000	VNAV	200	FLY_BY	TF
HAYEZ	WP	N34° 22' 40.00", W118° 31' 29.00"	6100	VNAV	250	FLY_BY	TF
WUXAK	WP	N34° 25' 50.00", W118° 27' 09.00"	8500	VNAV	250	FLY_BY	TF
SLAPP	WP	N34° 27' 50.14", W118° 19' 54.07"	8500	VNAV	250	FLY_BY	TF
YAAPY	WP	N34° 39' 53.00", W118° 07' 50.00"	13000	VNAV	250	FLY_BY	TF
JETHK	WP	N34° 41' 29.87", W117° 58' 19.35"	15000	VNAV	250	FLY_BY	TF
BBITE	WP	N34° 42' 16.22", W117° 45' 30.87"	15000	VNAV	250	FLY_BY	TF
ANTLP	WP	N34° 42' 51.26", W117° 30' 29.82"	15000	VNAV	250	FLY_BY	TF
GUNNR	WP	N34° 52' 37.00", W116° 59' 13.00"	15000	VNAV	250	FLY_BY	TF
ARMY	WP	N35° 03' 48.00", W116° 44' 24.00"	17000	VNAV	250	FLY_BY	TF
HAILO	WP	N35° 38' 14.00", W115° 58' 16.00"	17000	VNAV	250	FLY_BY	TF
Climb Gradient: 487.0 ft/NM up to 4400.0 ft MSL 200.0 ft/NM							

DME DME Assessment Results for HAYEZ1 path KVNy:RW34L:DER_HAILO

Flyability	
Flight Type:	SID
Selected Airport:	KVNy [IFPA]
Climb Gradient:	487.0 ft/NM up to 4400.0 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	
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 Assessment Results for HAYEZ1 path KVN:RW34L:DER_HAILO

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VNY	N34° 13' 26.48", W118° 29' 30.21"	15.0 E	40	L		NO	Enabled	10.4 %	10.1 %
2	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	26.3 %	26.3 %
3	TTE	N35° 54' 46.98", W119° 01' 14.91"	16.0 E	130	DH		NO	Enabled	5.4 %	5.5 %
4	EED	N34° 45' 57.62", W114° 28' 26.78"	15.0 E	130	H		NO	Enabled	14.2 %	14.4 %
5	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	36.9 %	37.6 %
6	BTY	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	H		NO	Enabled	6.7 %	6.9 %
7	HEC	N34° 47' 49.26", W116° 27' 46.52"	15.0 E	130	H		NO	Enabled	46.4 %	47.4 %
8	PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	H		NO	Enabled	9.3 %	9.5 %
9	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	20.1 %	20.5 %
10	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	16.6 %	16.7 %
11	DAG	N34° 57' 44.85", W116° 34' 41.40"	15.0 E	40	L		NO	Enabled	37.3 %	38 %
12	TRM	N33° 37' 41.15", W116° 09' 36.70"	13.0 E	130	H		NO	Enabled	8.3 %	8.5 %
13	POM	N34° 04' 42.20", W117° 47' 13.46"	15.0 E	40	L		NO	Enabled	0.1 %	0.1 %
14	AVE	N35° 38' 49.11", W119° 58' 42.98"	16.0 E	130	DH		NO	Enabled	18.9 %	19.2 %
15	SLI	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	L		NO	Enabled	0.7 %	0.6 %
16	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	5.1 %	5.3 %
17	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	10 %	9.7 %
18	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	25 %	25.5 %
19	OCN	N33° 14' 26.28", W117° 25' 03.79"	15.0 E	130	H		NO	Enabled	5.1 %	5.2 %
20	BLD	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	H		NO	Enabled	7.5 %	7.6 %
21	PGS	N35° 37' 28.96", W113° 32' 40.08"	15.0 E	130	DH		NO	Enabled		
22	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	50.8 %	51.1 %

DME DME Assessment Results for HAYEZ1 path KVVY:RW34L:DER_HAILO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.2	SLI	GOG				
4.3						
4.3	SLI	GOG				
5.2	SLI	VTU	VNY	LAX	POM	GOG
5.4	VNY	VTU	LAX	GOG		
5.9	LAX	FIM	VNY	POM	SLI	GOG
5.9	VNY	VTU	LAX	GOG		
6.0	SLI	GOG	VNY	LAX		
6.1	VNY	VTU	LAX	GOG		
6.8	LAX	FIM	VNY	VTU	GOG	
10.3	VNY	FIM	SMO	GMN	VTU	LAX
17.4	LHS	VTU	GMN	LAX	FIM	VNY
18.4	LAX	FIM	VNY	GMN	LHS	
20.2	LAX	FIM	LHS	GMN		
20.8	VNY	GMN	LHS	LAX	FIM	SMO
20.9	VNY	GMN	LHS	LAX	FIM	
22.3	LHS	PMD	GMN	LAX	FIM	
27.4	GMN	PMD	LHS	FIM		
27.6	GMN	PMD	LHS	AVE	FIM	
34.0						
35.6	TTE	LHS				
36.3	TTE	LHS	GMN	AVE		
36.6	TTE	LHS	GMN	PMD	AVE	
37.8	TTE	LHS	GMN	AVE		
40.5						
40.6	TTE	LHS	GMN	AVE		
40.7						
40.7	LHS	PMD	AVE	TTE		
41.9						
43.2	LAX	LHS	AVE	PMD		
46.0	LAX	LHS	PMD	OCN	AVE	
47.8	LAX	LHS	AVE	PMD		
48.5	PMD	OCN	LHS	LAX	AVE	
49.3	LAX	LHS	AVE	PMD		
54.2	GMN	LAX	AVE	VTU	PMD	
56.0	PMD	OCN	LAX	AVE		
61.1	PMD	OCN	GMN	LAX	VTU	
61.4	PMD	OCN	LAX	AVE		
62.0	LAX	AVE	PMD			
63.2	GMN	VTU				
63.6	GMN	LAX	VTU			
63.8	GMN	VTU				
64.3						
64.7	GMN	LAX				
65.4						
84.7	TRM	DAG	PMD	HEC	GMN	
85.3	TRM	DAG	GOG	HEC		
98.6	GOG	HEC				
100.2	GOG	HEC	PMD			
102.8	HEC	PDZ	DAG	GOG		
118.2	PMD	HEC	DAG	GOG		
139.0	EED	DAG	HEC	GOG		
142.9	EED	DAG	HEC	GOG	PMD	
144.9	EED	DAG	HEC	GOG		
150.1	EED	DAG	HEC	GOG	BLD	

DME DME Assessment Results for HAYEZ1 path KVNY:RW34L:DER_HAILO

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
150.8	EED	HEC	GOG	BLD		
151.3	BTY	BLD	GOG	EED	HEC	
161.7	BTY	BLD	GOG	EED		
162.5	BTY	GOG	BLD	EED	PGS	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N34° 13' 10.17", W118° 29' 28.66"	N34° 17' 19.26", W118° 30' 17.42"	4.2083
2	N34° 17' 22.47", W118° 30' 18.16"	N34° 17' 25.68", W118° 30' 18.89"	0.0544
3	N34° 38' 03.85", W118° 09' 39.64"	N34° 39' 17.69", W118° 08' 25.48"	1.5967
4	N34° 40' 43.20", W118° 02' 54.88"	N34° 40' 44.03", W118° 02' 49.96"	0.069
5	N34° 40' 44.87", W118° 02' 45.04"	N34° 40' 45.70", W118° 02' 40.12"	0.069
6	N34° 40' 59.89", W118° 01' 16.49"	N34° 41' 15.72", W117° 59' 43.00"	1.3116
7	N34° 42' 42.82", W117° 34' 11.33"	N34° 42' 43.98", W117° 33' 41.12"	0.4155
8	N34° 42' 45.71", W117° 32' 55.81"	N34° 49' 01.05", W117° 10' 48.80"	19.3472

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KVNY:RW34L:DER	CONDS		
CONDS	TRAFF	SLI, GOG	
TRAFF	LYDEY	VNY, SLI, LAX, VTU, FIM, GOG, POM	
LYDEY	HAYEZ	VNY, LAX, VTU, LHS, GMN, FIM, GOG	
HAYEZ	WUXAK	VNY, LAX, SMO, VTU, LHS, GMN, FIM, GOG	
WUXAK	SLAPP	VNY, LAX, SMO, VTU, LHS, PMD, GMN, FIM	
SLAPP	YAAPY	VNY, AVE, LAX, SMO, TTE, LHS, PMD, GMN, FIM	
YAAPY	JETHK	AVE, LAX, TTE, LHS, PMD, GMN	
JETHK	BBITE	AVE, LAX, LHS, PMD, VTU, GMN, OCN	
BBITE	ANTLP	AVE, LAX, PMD, VTU, GMN, OCN	
ANTLP	GUNNR	PMD, HEC, GMN, DAG, TRM, GOG	
GUNNR	ARMY	PMD, HEC, PDZ, DAG, TRM, GOG	
ARMY	HAILO	EED, PMD, BTY, HEC, PDZ, DAG, BLD, PGS, GOG	

DME DME Assessment Results for HAYEZ1 path KVVY:RW34L:DER_HAILO

User Data Files

#	File Name
1	CHOII APPROVED ESVs.udt
2	HAYEZ APPROVED ESVs.udt
3	OROSZ APPROVED ESV.udt
4	SLAPP APPROVED ESV.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PMD FAA 230352-18 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-18	
ESV:		Bearing [True]: 66.0° to 95.0° Bearing [Mag]: 51.0° to 80.0°				Arc Distance: Out to 77.0 NM Altitude: 12000.0 to 17000.0 ft		
2	GMN FAA 901828-8 GMN [IFPA]	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	4920	116.1	GMN FAA 901828-8	
ESV:		Bearing [True]: 84.0° to 103.0° Bearing [Mag]: 68.0° to 87.0°				Arc Distance: Out to 88.0 NM Altitude: 12000.0 to 24000.0 ft		
3	BTY FAA 704180-38 BTY [IFPA]	N36° 48' 02.15", W116° 44' 51.51"	16.0 E	130	2927.4	114.7	BTY FAA 704180-38	
ESV:		Bearing [True]: 121.0° to 160.0° Bearing [Mag]: 105.0° to 144.0°				Arc Distance: Out to 99.0 NM Altitude: 14900.0 to 17500.0 ft		
4	VTU FAA 694043-6 VTU [IFPA]	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	1574.3	116.55	VTU FAA 694043-6	
ESV:		Bearing [True]: 56.0° to 68.0° Bearing [Mag]: 41.0° to 53.0°				Arc Distance: Out to 84.0 NM Altitude: 8600.0 to 20000.0 ft		
5	BLD FAA 702031-49 BLD [IFPA]	N35° 59' 44.84", W114° 51' 48.88"	15.0 E	130	3641.9	116.7	BLD FAA 702031-49	
ESV:		Bearing [True]: 229.0° to 254.0° Bearing [Mag]: 214.0° to 239.0°				Arc Distance: Out to 71.0 NM Altitude: 15000.0 to 18200.0 ft		
6	SLI FAA 704217-9 SLI [IFPA]	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	22.1	115.7	SLI FAA 704217-9	
ESV:		Bearing [True]: 317.0° to 333.0° Bearing [Mag]: 302.0° to 318.0°				Arc Distance: Out to 44.0 NM Altitude: 2900.0 to 20000.0 ft		
7	PMD FAA 230352-17 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-17	
ESV:		Bearing [True]: 59.0° to 109.0° Bearing [Mag]: 44.0° to 94.0°				Arc Distance: Out to 112.0 NM Altitude: 14900.0 to 20500.0 ft		
8	PMD FAA 230352-23 PMD [IFPA]	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	2498	115.55	PMD FAA 230352-23	
ESV:		Bearing [True]: 273.0° to 313.0° Bearing [Mag]: 258.0° to 298.0°				Arc Distance: Out to 68.0 NM Altitude: 7900.0 to 17000.0 ft		

DME DME Assessment Results for HAYEZ1 path KVN:RW34L:DER_HAILO

DME Error

