

**Name:** Jeanette Roller  
**Project Name:** KSLC  
**Output File:** KSLC ARCHZ1 SID EDETH  
 MLF 20170706\_1445  
**Procedure Name:** ARCHZ1  
**Software:** RNAV-Pro™  
**Version:** 2.39  
**Date/Time:** 7/6/2017 2:45:48 PM  
**Input File:** [KSLC ARCHZ1 SID EDETH  
 MLF 20170705\\_1241.txt](#)  
**Databases:** AIRNAV Date: 6/26/2017  
 CIFP Date: 8/18/2016  
 DTED® (MAX) Date: 2002

## Results Summary:

**Flyability**



**DME/DME**



No Critical DMEs Exist

**Radars**

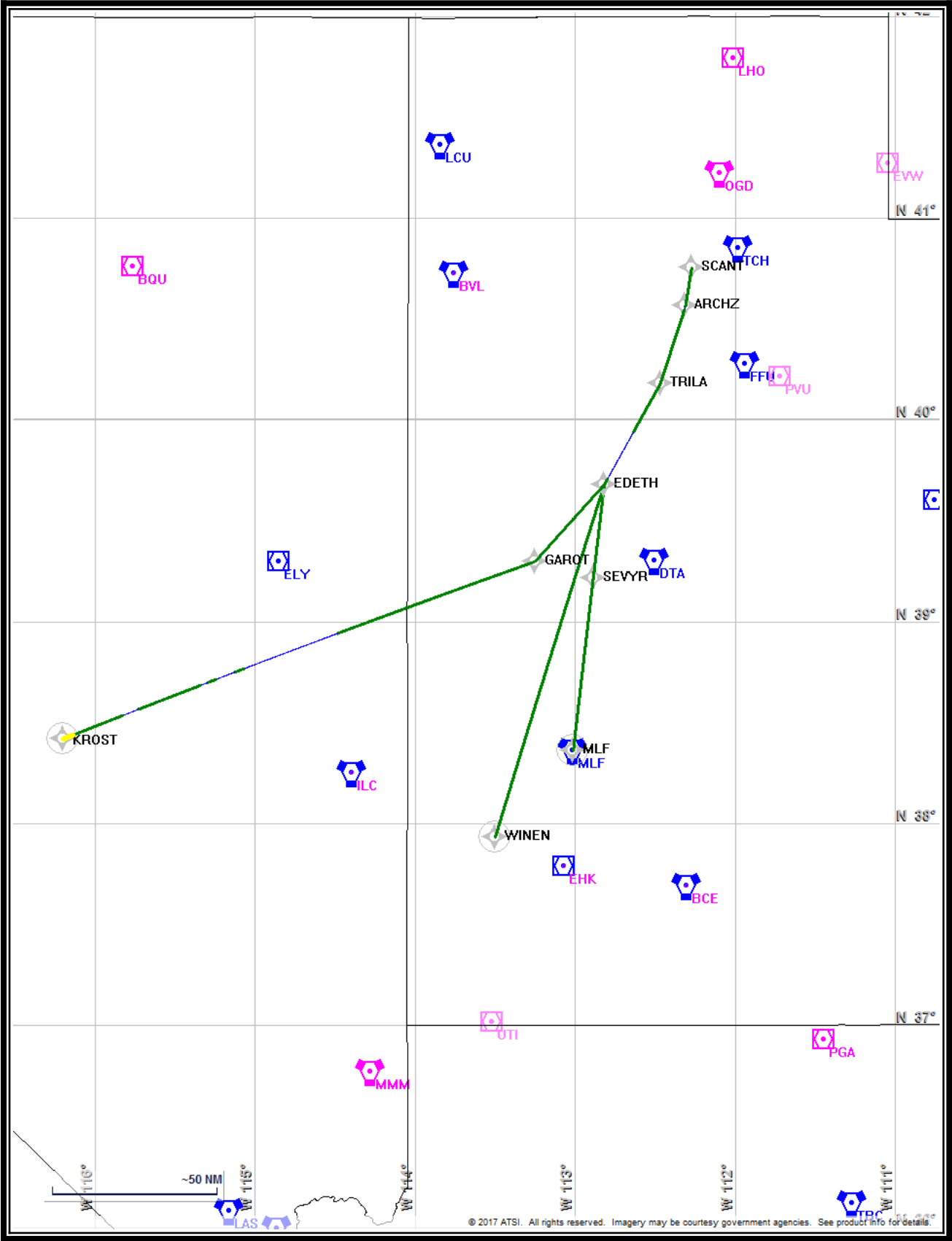


**Comms**



**TERPS**

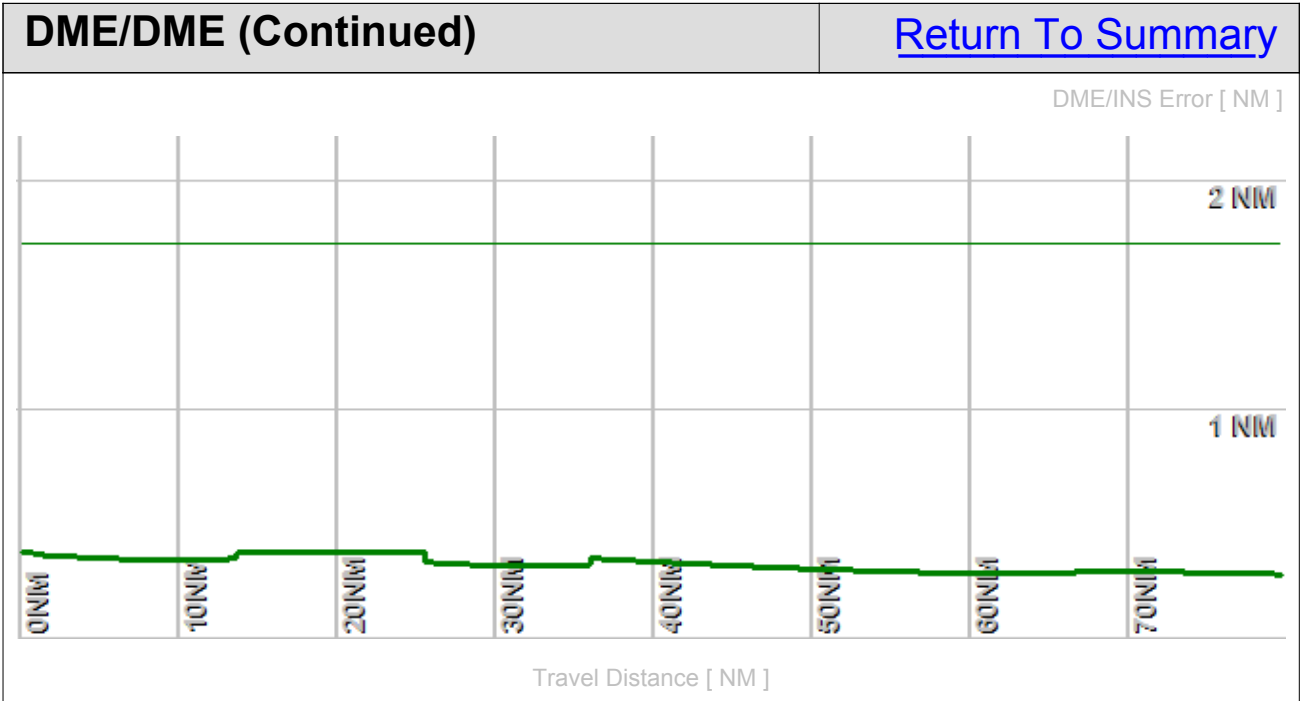




Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
EDETH	WP	N 39° 40' 48.65" W 112° 49' 8.88"	19000.0	VNAV	180.0	Fly By	TF
SEVYR	WP	N 39° 13' 2.81" W 112° 53' 16.89"	19000.0	VNAV	180.0	Fly By	TF
MLF	WP	N 38° 21' 37.28" W 113° 0' 47.64"	19000.0	VNAV	180.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition	
	<b>Selected Airport:</b> KSLC	
	<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		<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: 0.558 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, Standalone, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
DoD Facilities: Not included		
Foreign Facilities: Not included		
Low DMEs: Included		
Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 6		
Maximum DME Error: 0.381 NM.		
No Critical DMEs were found.		
Available DMEs: ILC, BVL, DTA, BCE, MLF, EHK		



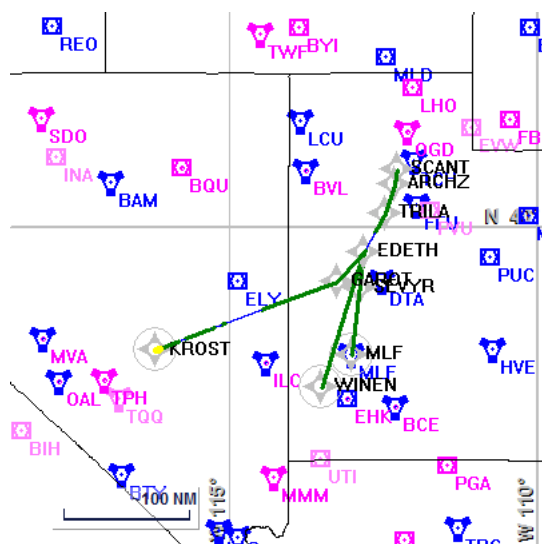
DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H + <a href="#">ESV</a>	User	NO	1.022	Enabled	86.8%	86.8%
2	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H + <a href="#">ESV</a>	User	NO	0.610	Enabled	16.5%	16.5%
3	DTA	N 39° 18' 7.96" W 112° 30' 20.00" 16 E	H	Database	NO	0.393	Enabled	29.3%	29.3%
4	BCE	N 37° 41' 21.07" W 112° 18' 14.03" 15 E	H + <a href="#">ESV</a>	User	NO	0.739	Enabled	55.1%	55.1%
5	MLF	N 38° 21' 37.28" W 113° 0' 47.64" 16 E	H	Database	NO	0.381	Enabled	5.4%	5.4%
6	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H + <a href="#">ESV</a>	User	NO	0.381	Enabled	6.9%	6.9%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		BVL	ILC	BCE	DTA				
27.9		MLF	ILC	BCE	DTA	EHK			

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
EDETH	SEVYR	BCE, BVL, ILC, and DTA
SEVYR	MLF	BCE, EHK, ILC, DTA, and MLF



User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KSLC ARCHZ SID.udt						
2	LastRun.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H	9318.0	116.30	ILC	Used
		ESV:	Bearing [True]: 272.0° to 358.0° Bearing [Mag]: 256.0° to 342.0°		Arc Distance: Out to 88.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 354.0° to 50.0° Bearing [Mag]: 338.0° to 34.0°		Arc Distance: Out to 116.0 NM Altitude: 18900.0 to 28000.0 ft		
		ESV:	Bearing [True]: 38.0° to 117.0° Bearing [Mag]: 22.0° to 101.0°		Arc Distance: Out to 104.0 NM Altitude: 19000.0 to 28000.0 ft		
2	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H	4220.0	112.30	BVL	Used
		Restriction:	Bearing [True]: 317.0° to 327.0° Bearing [Mag]: 305.0° to 315.0°		Distance: Beyond 35.0 NM Altitude: Below 14000.0 ft		
		ESV:	Bearing [True]: 86.0° to 93.0° Bearing [Mag]: 74.0° to 81.0°		Arc Distance: Out to 72.0 NM Altitude: 10200.0 to 20000.0 ft		
		ESV:	Bearing [True]: 186.0° to 217.0° Bearing [Mag]: 174.0° to 205.0°		Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 45000.0 ft		
3	OAL	N 38° 0' 11.74" W 117° 46' 13.60" 17 E	H	4800.0	117.70	OAL	Not Used
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 167.0° to 197.0° Bearing [Mag]: 150.0° to 180.0°		Distance: Beyond 15.0 NM Altitude: Below 15500.0 ft		
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 16000.0 ft		
		Restriction:	Bearing [True]: 322.0° to 32.0° Bearing [Mag]: 305.0° to 15.0°		Distance: Beyond 25.0 NM Altitude: Below 15500.0 ft		
		ESV:	Bearing [True]: 65.0° to 76.0° Bearing [Mag]: 48.0° to 59.0°		Arc Distance: Out to 122.0 NM Altitude: 21900.0 to 24000.0 ft		
4	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H	5463.6	117.30	EHK	Used
		Restriction:	Bearing [True]: 76.0° to 116.0° Bearing [Mag]: 60.0° to 100.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 151.0° to 191.0° Bearing [Mag]: 135.0° to 175.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 231.0° to 271.0° Bearing [Mag]: 215.0° to 255.0°		Distance: Beyond 35.0 NM Altitude: Below 10500.0 ft		
		Restriction:	Bearing [True]: 116.0° to 151.0° Bearing [Mag]: 100.0° to 135.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		ESV:	Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 277.0° to 295.0°		Arc Distance: Out to 120.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 336.0° to 7.0° Bearing [Mag]: 320.0° to 351.0°		Arc Distance: Out to 87.0 NM Altitude: 19000.0 to 20000.0 ft		

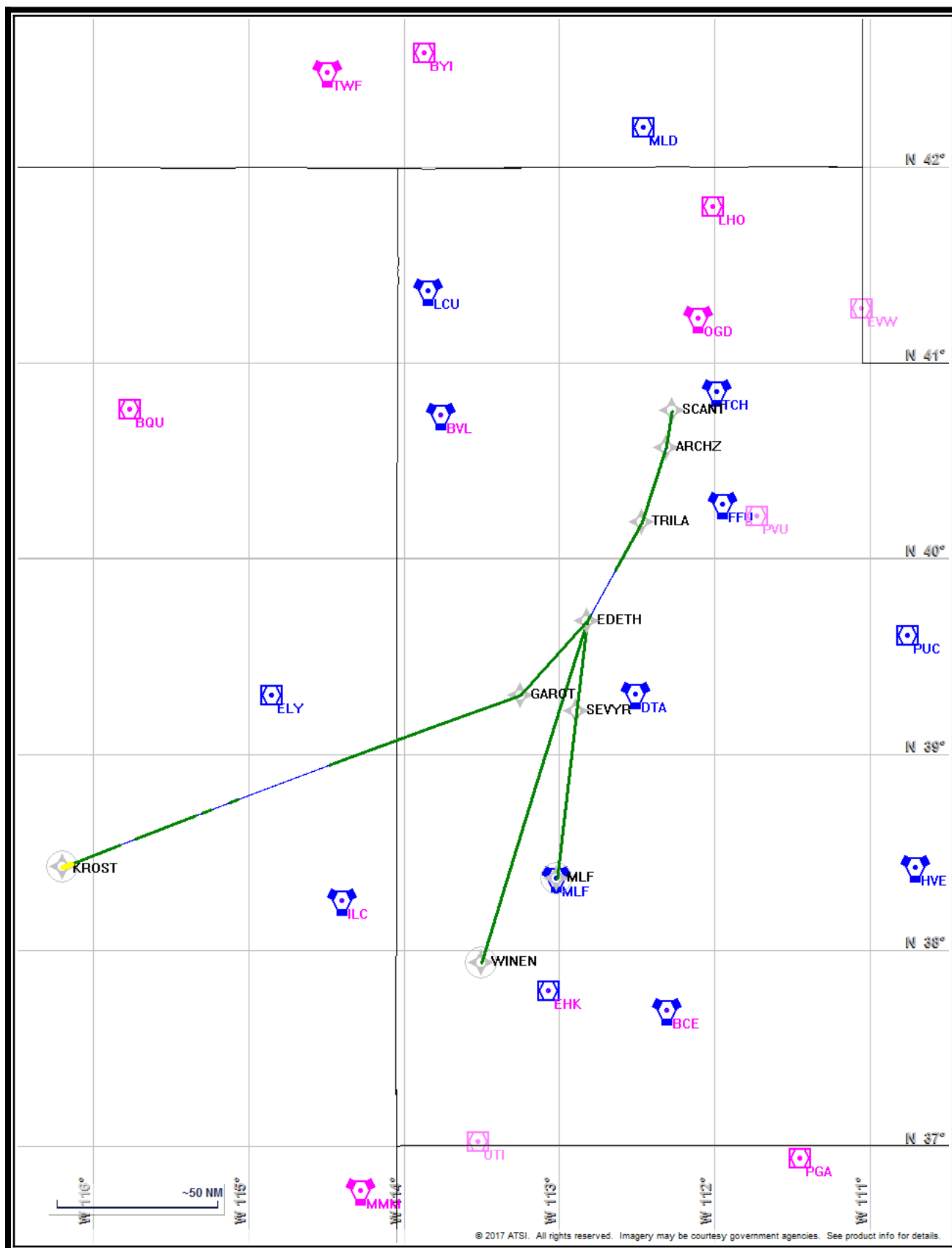
User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
5	MVA	N 38° 33' 55.08" W 118° 1' 58.27" 17 E	H	7860.0	115.10	MVA	Not Used
Restriction:		Bearing [True]: 147.0° to 177.0° Bearing [Mag]: 130.0° to 160.0°			Distance: Beyond 28.0 NM Altitude: Below 10700.0 ft		
ESV:		Bearing [True]: 82.0° to 139.0° Bearing [Mag]: 65.0° to 122.0°			Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 24000.0 ft		
6	OGD	N 41° 13' 26.75" W 112° 5' 53.67" 14 E	L	4223.2	115.70	OGD	Not Used
Restriction:		Bearing [True]: 269.0° to 294.0° Bearing [Mag]: 255.0° to 280.0°			Distance: Beyond 30.0 NM Altitude: Below 11000.0 ft		
Restriction:		Bearing [True]: 9.0° to 144.0° Bearing [Mag]: 355.0° to 130.0°			Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 185.0° to 206.0° Bearing [Mag]: 171.0° to 192.0°			Arc Distance: Out to 76.0 NM Altitude: 10000.0 to 24000.0 ft		
7	TPH	N 38° 1' 50.32" W 117° 2' 0.63" 17 E	L	5344.4	117.20	TPH	Not Used
Restriction:		Bearing [True]: 17.0° to 32.0° Bearing [Mag]: 360.0° to 15.0°			Distance: Beyond 30.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 257.0° to 277.0° Bearing [Mag]: 240.0° to 260.0°			Distance: Beyond 30.0 NM Altitude: Below 10600.0 ft		
Restriction:		Bearing [True]: 32.0° to 67.0° Bearing [Mag]: 15.0° to 50.0°			Distance: Beyond 35.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 67.0° to 77.0° Bearing [Mag]: 50.0° to 60.0°			Distance: Beyond 30.0 NM Altitude: Below 9500.0 ft		
Restriction:		Bearing [True]: 287.0° to 332.0° Bearing [Mag]: 270.0° to 315.0°			Distance: Beyond 20.0 NM Altitude: Below 8600.0 ft		
ESV:		Bearing [True]: 40.0° to 69.0° Bearing [Mag]: 23.0° to 52.0°			Arc Distance: Out to 65.0 NM Altitude: 21900.0 to 24000.0 ft		
8	BQU	N 40° 45' 34.83" W 115° 45' 40.92" 17 E	L	6463.7	114.50	BQU	Not Used
Restriction:		Bearing [True]: 105.0° to 127.0° Bearing [Mag]: 88.0° to 110.0°			Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 128.0° to 147.0° Bearing [Mag]: 111.0° to 130.0°			Distance: Beyond 32.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 168.0° to 174.0° Bearing [Mag]: 151.0° to 157.0°			Arc Distance: Out to 130.0 NM Altitude: 22000.0 to 26000.0 ft		
9	BCE	N 37° 41' 21.07" W 112° 18' 14.03" 15 E	H	9040.2	112.80	BCE	Used
ESV:		Bearing [True]: 315.0° to 348.0° Bearing [Mag]: 300.0° to 333.0°			Arc Distance: Out to 99.0 NM Altitude: 19000.0 to 24000.0 ft		



**Name:** Jeanette Roller  
**Project Name:** KSLC  
**Output File:** KSLC ARCHZ1 SID EDETH WINEN 20170706\_1446  
**Procedure Name:** ARCHZ1  
**Software:** RNAV-Pro™  
**Version:** 2.39  
**Date/Time:** 7/6/2017 2:47:07 PM  
**Input File:** [KSLC ARCHZ1 SID EDETH WINEN 20170706\\_1229.txt](#)  
**Databases:** AIRNAV Date: 6/26/2017  
 CIFP Date: 8/18/2016  
 DTED® (MAX) Date: 2002

## Results Summary:

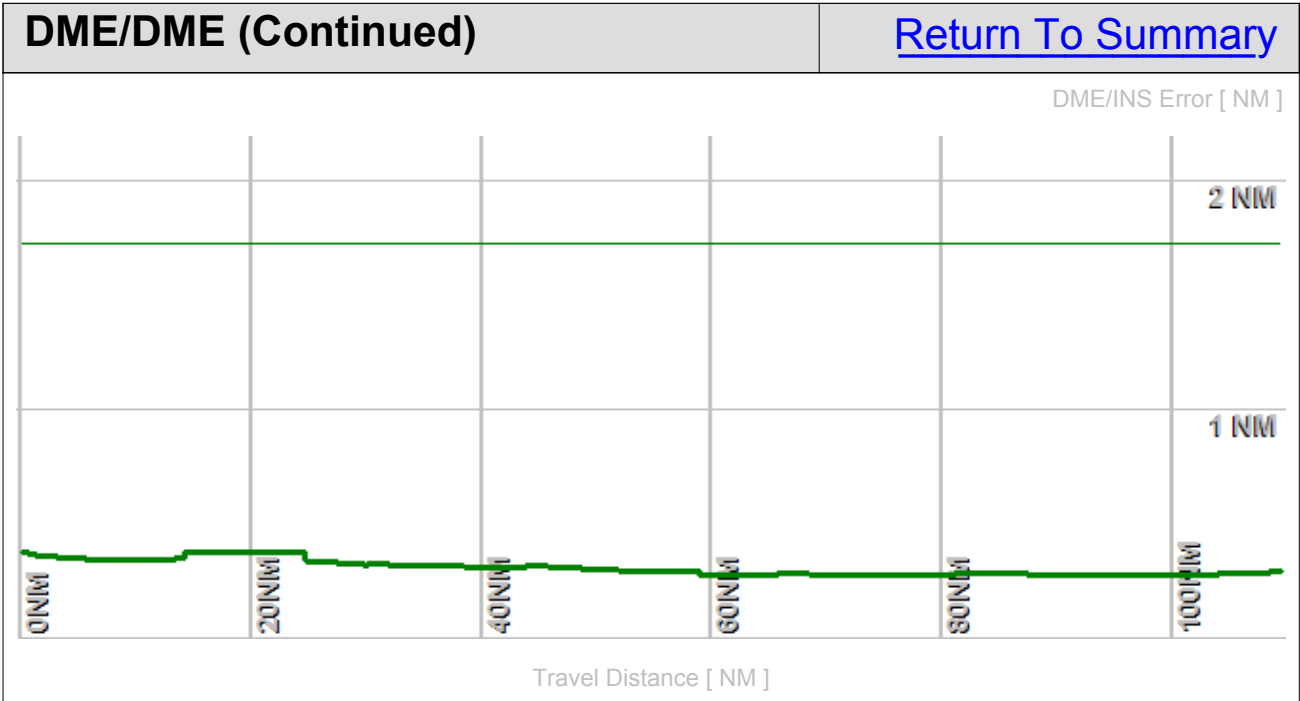
<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
EDETH	WP	N 39° 40' 48.65" W 112° 49' 8.88"	19000.0	VNAV	180.0	Fly By	TF
WINEN	WP	N 37° 56' 0.00" W 113° 30' 0.00"	19000.0	VNAV	180.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition	
	<b>Selected Airport:</b> KSLC	
	<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		<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: 0.558 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, Standalone, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
DoD Facilities: Not included		
Foreign Facilities: Not included		
Low DMEs: Included		
Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 6		
Maximum DME Error: 0.381 NM.		
No Critical DMEs were found.		
Available DMEs: ILC, BVL, DTA, EHK, BCE, MLF		



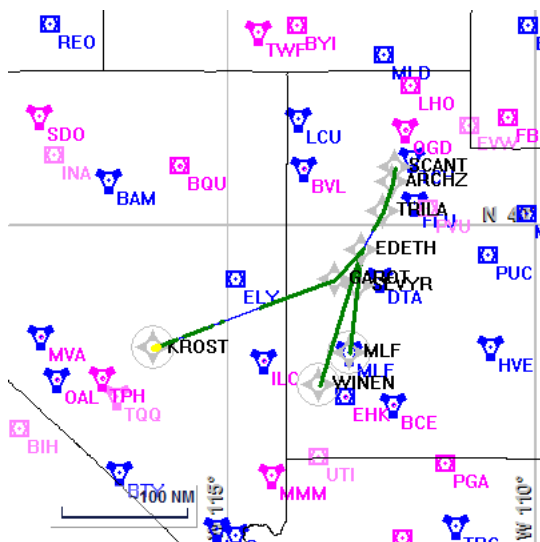


DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H + <a href="#">ESV</a>	User	NO	0.965	Enabled	59.7%	59.7%
2	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H + <a href="#">ESV</a>	User	NO	0.636	Enabled	14.8%	14.8%
3	DTA	N 39° 18' 7.96" W 112° 30' 20.00" 16 E	H	Database	NO	0.456	Enabled	30.1%	30.1%
4	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H + <a href="#">ESV</a>	User	NO	1.059	Enabled	39.1%	39.1%
5	BCE	N 37° 41' 21.07" W 112° 18' 14.03" 15 E	H + <a href="#">ESV</a>	User	NO	0.381	Enabled	26.3%	26.3%
6	MLF	N 38° 21' 37.28" W 113° 0' 47.64" 16 E	H	Database	NO	0.807	Enabled	30.0%	30.0%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		BVL	ILC	DTA	EHK	BCE	MLF		
48.8		ILC	MLF	EHK	BCE				

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
EDETH	WINEN	BCE, EHK, BVL, ILC, DTA, and MLF

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KSLC ARCHZ SID.udt						
2	LastRun.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H	9318.0	116.30	ILC	Used
		ESV:	Bearing [True]: 272.0° to 358.0° Bearing [Mag]: 256.0° to 342.0°		Arc Distance: Out to 88.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 354.0° to 50.0° Bearing [Mag]: 338.0° to 34.0°		Arc Distance: Out to 116.0 NM Altitude: 18900.0 to 28000.0 ft		
		ESV:	Bearing [True]: 38.0° to 117.0° Bearing [Mag]: 22.0° to 101.0°		Arc Distance: Out to 104.0 NM Altitude: 19000.0 to 28000.0 ft		
2	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H	4220.0	112.30	BVL	Used
		Restriction:	Bearing [True]: 317.0° to 327.0° Bearing [Mag]: 305.0° to 315.0°		Distance: Beyond 35.0 NM Altitude: Below 14000.0 ft		
		ESV:	Bearing [True]: 86.0° to 93.0° Bearing [Mag]: 74.0° to 81.0°		Arc Distance: Out to 72.0 NM Altitude: 10200.0 to 20000.0 ft		
		ESV:	Bearing [True]: 186.0° to 217.0° Bearing [Mag]: 174.0° to 205.0°		Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 45000.0 ft		
3	OAL	N 38° 0' 11.74" W 117° 46' 13.60" 17 E	H	4800.0	117.70	OAL	Not Used
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 167.0° to 197.0° Bearing [Mag]: 150.0° to 180.0°		Distance: Beyond 15.0 NM Altitude: Below 15500.0 ft		
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 16000.0 ft		
		Restriction:	Bearing [True]: 322.0° to 32.0° Bearing [Mag]: 305.0° to 15.0°		Distance: Beyond 25.0 NM Altitude: Below 15500.0 ft		
		ESV:	Bearing [True]: 65.0° to 76.0° Bearing [Mag]: 48.0° to 59.0°		Arc Distance: Out to 122.0 NM Altitude: 21900.0 to 24000.0 ft		
4	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H	5463.6	117.30	EHK	Used
		Restriction:	Bearing [True]: 76.0° to 116.0° Bearing [Mag]: 60.0° to 100.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 151.0° to 191.0° Bearing [Mag]: 135.0° to 175.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 231.0° to 271.0° Bearing [Mag]: 215.0° to 255.0°		Distance: Beyond 35.0 NM Altitude: Below 10500.0 ft		
		Restriction:	Bearing [True]: 116.0° to 151.0° Bearing [Mag]: 100.0° to 135.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		ESV:	Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 277.0° to 295.0°		Arc Distance: Out to 120.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 336.0° to 7.0° Bearing [Mag]: 320.0° to 351.0°		Arc Distance: Out to 87.0 NM Altitude: 19000.0 to 20000.0 ft		

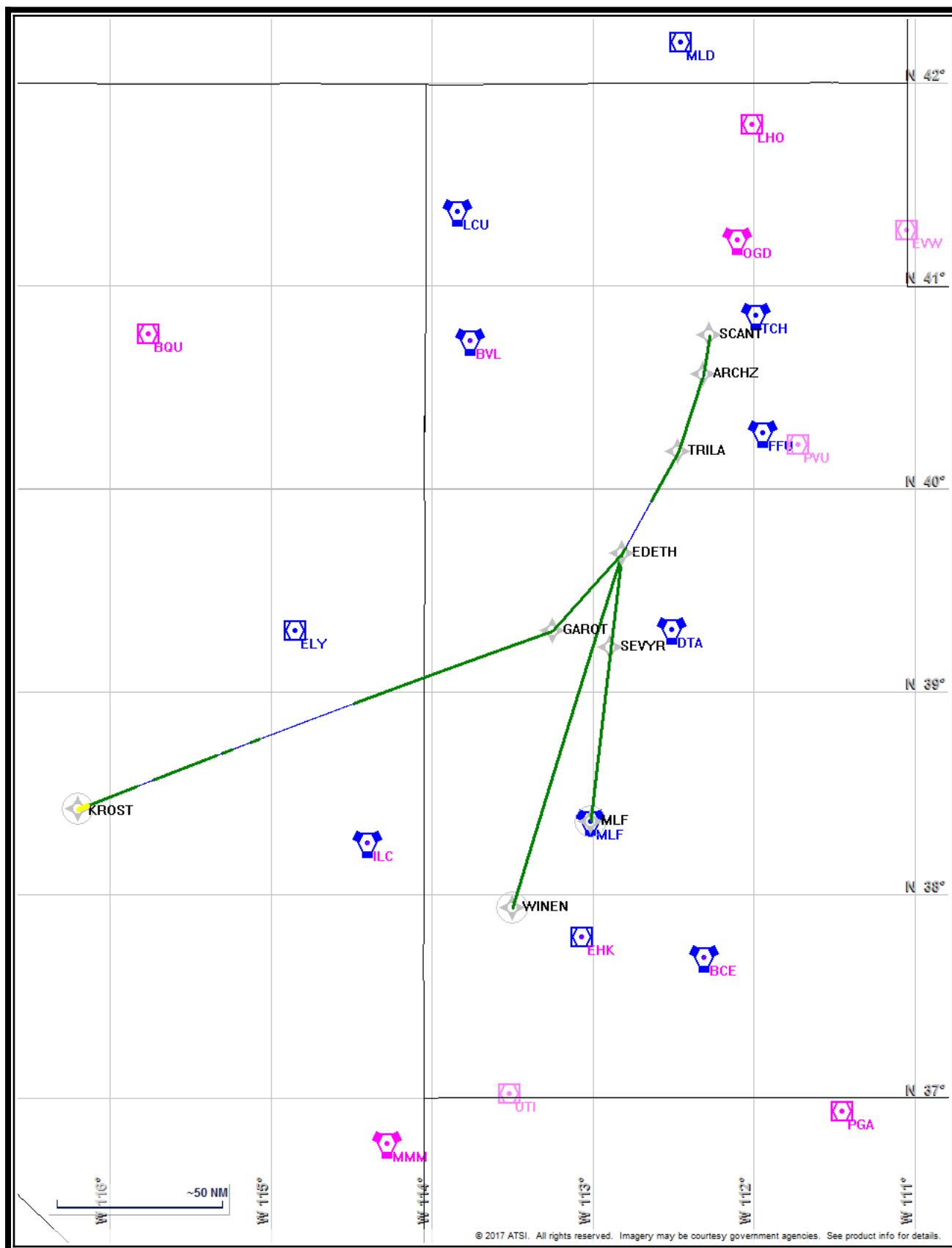
User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
5	MVA	N 38° 33' 55.08" W 118° 1' 58.27" 17 E	H	7860.0	115.10	MVA	Not Used
Restriction:		Bearing [True]: 147.0° to 177.0° Bearing [Mag]: 130.0° to 160.0°			Distance: Beyond 28.0 NM Altitude: Below 10700.0 ft		
ESV:		Bearing [True]: 82.0° to 139.0° Bearing [Mag]: 65.0° to 122.0°			Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 24000.0 ft		
6	OGD	N 41° 13' 26.75" W 112° 5' 53.67" 14 E	L	4223.2	115.70	OGD	Not Used
Restriction:		Bearing [True]: 269.0° to 294.0° Bearing [Mag]: 255.0° to 280.0°			Distance: Beyond 30.0 NM Altitude: Below 11000.0 ft		
Restriction:		Bearing [True]: 9.0° to 144.0° Bearing [Mag]: 355.0° to 130.0°			Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 185.0° to 206.0° Bearing [Mag]: 171.0° to 192.0°			Arc Distance: Out to 76.0 NM Altitude: 10000.0 to 24000.0 ft		
7	TPH	N 38° 1' 50.32" W 117° 2' 0.63" 17 E	L	5344.4	117.20	TPH	Not Used
Restriction:		Bearing [True]: 17.0° to 32.0° Bearing [Mag]: 360.0° to 15.0°			Distance: Beyond 30.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 257.0° to 277.0° Bearing [Mag]: 240.0° to 260.0°			Distance: Beyond 30.0 NM Altitude: Below 10600.0 ft		
Restriction:		Bearing [True]: 32.0° to 67.0° Bearing [Mag]: 15.0° to 50.0°			Distance: Beyond 35.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 67.0° to 77.0° Bearing [Mag]: 50.0° to 60.0°			Distance: Beyond 30.0 NM Altitude: Below 9500.0 ft		
Restriction:		Bearing [True]: 287.0° to 332.0° Bearing [Mag]: 270.0° to 315.0°			Distance: Beyond 20.0 NM Altitude: Below 8600.0 ft		
ESV:		Bearing [True]: 40.0° to 69.0° Bearing [Mag]: 23.0° to 52.0°			Arc Distance: Out to 65.0 NM Altitude: 21900.0 to 24000.0 ft		
8	BQU	N 40° 45' 34.83" W 115° 45' 40.92" 17 E	L	6463.7	114.50	BQU	Not Used
Restriction:		Bearing [True]: 105.0° to 127.0° Bearing [Mag]: 88.0° to 110.0°			Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 128.0° to 147.0° Bearing [Mag]: 111.0° to 130.0°			Distance: Beyond 32.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 168.0° to 174.0° Bearing [Mag]: 151.0° to 157.0°			Arc Distance: Out to 130.0 NM Altitude: 22000.0 to 26000.0 ft		
9	BCE	N 37° 41' 21.07" W 112° 18' 14.03" 15 E	H	9040.2	112.80	BCE	Used
ESV:		Bearing [True]: 315.0° to 348.0° Bearing [Mag]: 300.0° to 333.0°			Arc Distance: Out to 99.0 NM Altitude: 19000.0 to 24000.0 ft		



**Name:** Jeanette Roller  
**Project Name:** KSLC  
**Output File:** KSLC ARCHZ1 SID SCANT KROST 20170706\_1448  
**Procedure Name:** ARCHZ1  
**Software:** RNAV-Pro™  
**Version:** 2.39  
**Date/Time:** 7/6/2017 2:48:43 PM  
**Input File:** [KSLC ARCHZ1 SID SCANT 19 KROST 24 20170706\\_1145.txt](#)  
**Databases:** AIRNAV Date: 6/26/2017  
 CIFP Date: 8/18/2016  
 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>	?	

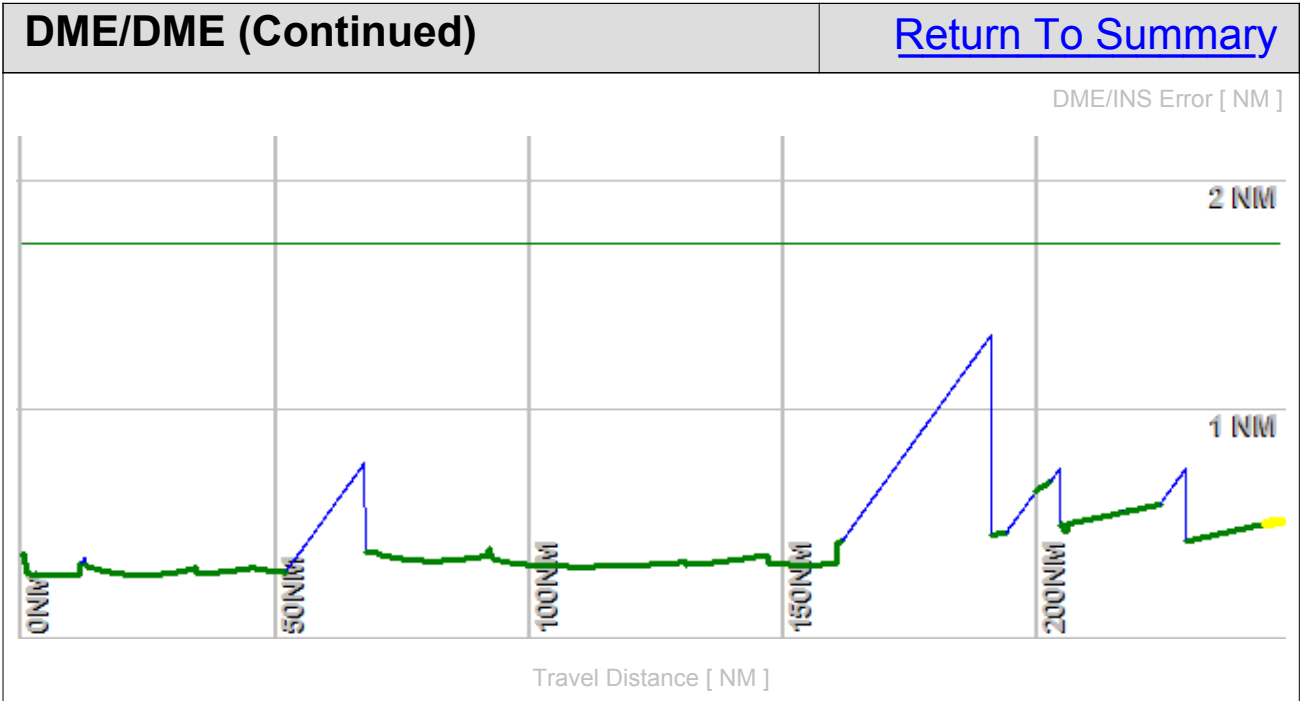


Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
SCANT	WP	N 40° 45' 13.69" W 112° 16' 23.71"	10000.0	Step	180.0	Fly By	TF
ARCHZ	WP	N 40° 33' 52.03" W 112° 18' 42.39"	13000.0	VNAV	180.0	Fly By	TF
TRILA	WP	N 40° 10' 58.03" W 112° 28' 2.59"	19000.0	VNAV	180.0	Fly By	TF
EDETH	WP	N 39° 40' 48.65" W 112° 49' 8.88"	19000.0	VNAV	180.0	Fly By	TF
GAROT	WP	N 39° 18' 0.00" W 113° 15' 0.00"	19000.0	VNAV	180.0	Fly By	TF
KROST	WP	N 38° 25' 15.38" W 116° 11' 54.98"	24000.0	VNAV	240.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition	
	<b>Selected Airport:</b> KSLC	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</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	
Entire track is fly-able		



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: 0.558 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, Standalone, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
	DoD Facilities: Not included	
Foreign Facilities: Not included		
Low DMEs: Included		
Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 11		
Maximum DME Error: 1.328 NM.		
No Critical DMEs were found.		
Available DMEs: OGD, TCH, BVL, FFU, LCU, DTA, ILC, MLF, EHK, ELY, MVA, OAL, BQU, TPH		



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	OGD	N 41° 13' 26.75" W 112° 5' 53.67" 14 E	L + <a href="#">ESV</a>	User	NO	1.328	Enabled	15.0%	14.4%
2	TCH	N 40° 51' 0.90" W 111° 58' 54.89" 16 E	H	Database	NO	1.328	Enabled	4.8%	4.2%
3	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H + <a href="#">ESV</a>	User	NO	1.595	Enabled	25.4%	25.7%
4	FFU	N 40° 16' 29.62" W 111° 56' 25.91" 16 E	H	Database	NO	1.401	Enabled	16.1%	15.1%
5	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H + <a href="#">ESV</a>	User	NO	1.420	Enabled	31.1%	31.6%
6	DTA	N 39° 18' 7.96" W 112° 30' 20.00" 16 E	H	Database	NO	1.449	Enabled	36.1%	36.6%
7	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H + <a href="#">ESV</a>	User	NO	1.260	Enabled	7.9%	8.0%
8	MVA	N 38° 33' 55.08" W 118° 1' 58.27" 17 E	H + <a href="#">ESV</a>	User	NO	1.328	Enabled	1.6%	1.6%
9	OAL	N 38° 0' 11.74" W 117° 46' 13.60" 17 E	H + <a href="#">ESV</a>	User	NO	1.328	Enabled	7.3%	7.4%
10	BQU	N 40° 45' 34.83" W 115° 45' 40.92" 17 E	L + <a href="#">ESV</a>	User	NO	1.328	Enabled	0.4%	0.4%
11	TPH	N 38° 1' 50.32" W 117° 2' 0.63" 17 E	L + <a href="#">ESV</a>	User	NO	1.328	Enabled	7.4%	7.6%
	Total Coverage							76.5%	76.2%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		OGD	TCH	BVL	FFU				
11.0		OGD	TCH	BVL	FFU				
34.8		OGD	LCU	BVL	FFU				
53.7		ILC	DTA	BVL					
69.1		ILC	DTA	BVL					
99.1		ILC	DTA	BVL	MLF	EHK		ELY	
199.5		ILC	MVA	OAL	BQU	TPH		EHK	
Inertial Drift Segments									
#	Start Location			End Location				Length [NM]	

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
SCANT	ARCHZ	OGD, BVL, FFU, and TCH
ARCHZ	TRILA	OGD, BVL, FFU, and TCH
TRILA	EDETH	OGD, BVL, ILC, DTA, FFU, and LCU
EDETH	GAROT	BVL, ILC, and DTA
GAROT	KROST	BQU, TPH, MVA, EHK, OAL, BVL, ILC, DTA, MLF, and ELY*

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KSLC ARCHZ SID.udt						
2	LastRun.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ILC	N 38° 15' 0.69" W 114° 23' 39.22" 16 E	H	9318.0	116.30	ILC	Used
		ESV:	Bearing [True]: 272.0° to 358.0° Bearing [Mag]: 256.0° to 342.0°		Arc Distance: Out to 88.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 354.0° to 50.0° Bearing [Mag]: 338.0° to 34.0°		Arc Distance: Out to 116.0 NM Altitude: 18900.0 to 28000.0 ft		
		ESV:	Bearing [True]: 38.0° to 117.0° Bearing [Mag]: 22.0° to 101.0°		Arc Distance: Out to 104.0 NM Altitude: 19000.0 to 28000.0 ft		
2	BVL	N 40° 43' 33.95" W 113° 45' 26.70" 12 E	H	4220.0	112.30	BVL	Used
		Restriction:	Bearing [True]: 317.0° to 327.0° Bearing [Mag]: 305.0° to 315.0°		Distance: Beyond 35.0 NM Altitude: Below 14000.0 ft		
		ESV:	Bearing [True]: 86.0° to 93.0° Bearing [Mag]: 74.0° to 81.0°		Arc Distance: Out to 72.0 NM Altitude: 10200.0 to 20000.0 ft		
		ESV:	Bearing [True]: 186.0° to 217.0° Bearing [Mag]: 174.0° to 205.0°		Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 45000.0 ft		
3	OAL	N 38° 0' 11.74" W 117° 46' 13.60" 17 E	H	4800.0	117.70	OAL	Used
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 167.0° to 197.0° Bearing [Mag]: 150.0° to 180.0°		Distance: Beyond 15.0 NM Altitude: Below 15500.0 ft		
		Restriction:	Bearing [True]: 77.0° to 92.0° Bearing [Mag]: 60.0° to 75.0°		Distance: Beyond 15.0 NM Altitude: Below 16000.0 ft		
		Restriction:	Bearing [True]: 322.0° to 32.0° Bearing [Mag]: 305.0° to 15.0°		Distance: Beyond 25.0 NM Altitude: Below 15500.0 ft		
		ESV:	Bearing [True]: 65.0° to 76.0° Bearing [Mag]: 48.0° to 59.0°		Arc Distance: Out to 122.0 NM Altitude: 21900.0 to 24000.0 ft		
4	EHK	N 37° 47' 14.39" W 113° 4' 5.63" 16 E	H	5463.6	117.30	EHK	Used
		Restriction:	Bearing [True]: 76.0° to 116.0° Bearing [Mag]: 60.0° to 100.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 151.0° to 191.0° Bearing [Mag]: 135.0° to 175.0°		Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
		Restriction:	Bearing [True]: 231.0° to 271.0° Bearing [Mag]: 215.0° to 255.0°		Distance: Beyond 35.0 NM Altitude: Below 10500.0 ft		
		Restriction:	Bearing [True]: 116.0° to 151.0° Bearing [Mag]: 100.0° to 135.0°		Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
		ESV:	Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 277.0° to 295.0°		Arc Distance: Out to 120.0 NM Altitude: 21900.0 to 24000.0 ft		
		ESV:	Bearing [True]: 336.0° to 7.0° Bearing [Mag]: 320.0° to 351.0°		Arc Distance: Out to 87.0 NM Altitude: 19000.0 to 20000.0 ft		

User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
5	MVA	N 38° 33' 55.08" W 118° 1' 58.27" 17 E	H	7860.0	115.10	MVA	Used
Restriction:		Bearing [True]: 147.0° to 177.0° Bearing [Mag]: 130.0° to 160.0°			Distance: Beyond 28.0 NM Altitude: Below 10700.0 ft		
ESV:		Bearing [True]: 82.0° to 139.0° Bearing [Mag]: 65.0° to 122.0°			Arc Distance: Out to 137.0 NM Altitude: 21900.0 to 24000.0 ft		
6	OGD	N 41° 13' 26.75" W 112° 5' 53.67" 14 E	L	4223.2	115.70	OGD	Used
Restriction:		Bearing [True]: 269.0° to 294.0° Bearing [Mag]: 255.0° to 280.0°			Distance: Beyond 30.0 NM Altitude: Below 11000.0 ft		
Restriction:		Bearing [True]: 9.0° to 144.0° Bearing [Mag]: 355.0° to 130.0°			Distance: Beyond 15.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 185.0° to 206.0° Bearing [Mag]: 171.0° to 192.0°			Arc Distance: Out to 76.0 NM Altitude: 10000.0 to 24000.0 ft		
7	TPH	N 38° 1' 50.32" W 117° 2' 0.63" 17 E	L	5344.4	117.20	TPH	Used
Restriction:		Bearing [True]: 17.0° to 32.0° Bearing [Mag]: 360.0° to 15.0°			Distance: Beyond 30.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 257.0° to 277.0° Bearing [Mag]: 240.0° to 260.0°			Distance: Beyond 30.0 NM Altitude: Below 10600.0 ft		
Restriction:		Bearing [True]: 32.0° to 67.0° Bearing [Mag]: 15.0° to 50.0°			Distance: Beyond 35.0 NM Altitude: Below 10800.0 ft		
Restriction:		Bearing [True]: 67.0° to 77.0° Bearing [Mag]: 50.0° to 60.0°			Distance: Beyond 30.0 NM Altitude: Below 9500.0 ft		
Restriction:		Bearing [True]: 287.0° to 332.0° Bearing [Mag]: 270.0° to 315.0°			Distance: Beyond 20.0 NM Altitude: Below 8600.0 ft		
ESV:		Bearing [True]: 40.0° to 69.0° Bearing [Mag]: 23.0° to 52.0°			Arc Distance: Out to 65.0 NM Altitude: 21900.0 to 24000.0 ft		
8	BQU	N 40° 45' 34.83" W 115° 45' 40.92" 17 E	L	6463.7	114.50	BQU	Used
Restriction:		Bearing [True]: 105.0° to 127.0° Bearing [Mag]: 88.0° to 110.0°			Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 128.0° to 147.0° Bearing [Mag]: 111.0° to 130.0°			Distance: Beyond 32.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 168.0° to 174.0° Bearing [Mag]: 151.0° to 157.0°			Arc Distance: Out to 130.0 NM Altitude: 22000.0 to 26000.0 ft		
9	BCE	N 37° 41' 21.07" W 112° 18' 14.03" 15 E	H	9040.2	112.80	BCE	Not Used
ESV:		Bearing [True]: 315.0° to 348.0° Bearing [Mag]: 300.0° to 333.0°			Arc Distance: Out to 99.0 NM Altitude: 19000.0 to 24000.0 ft		