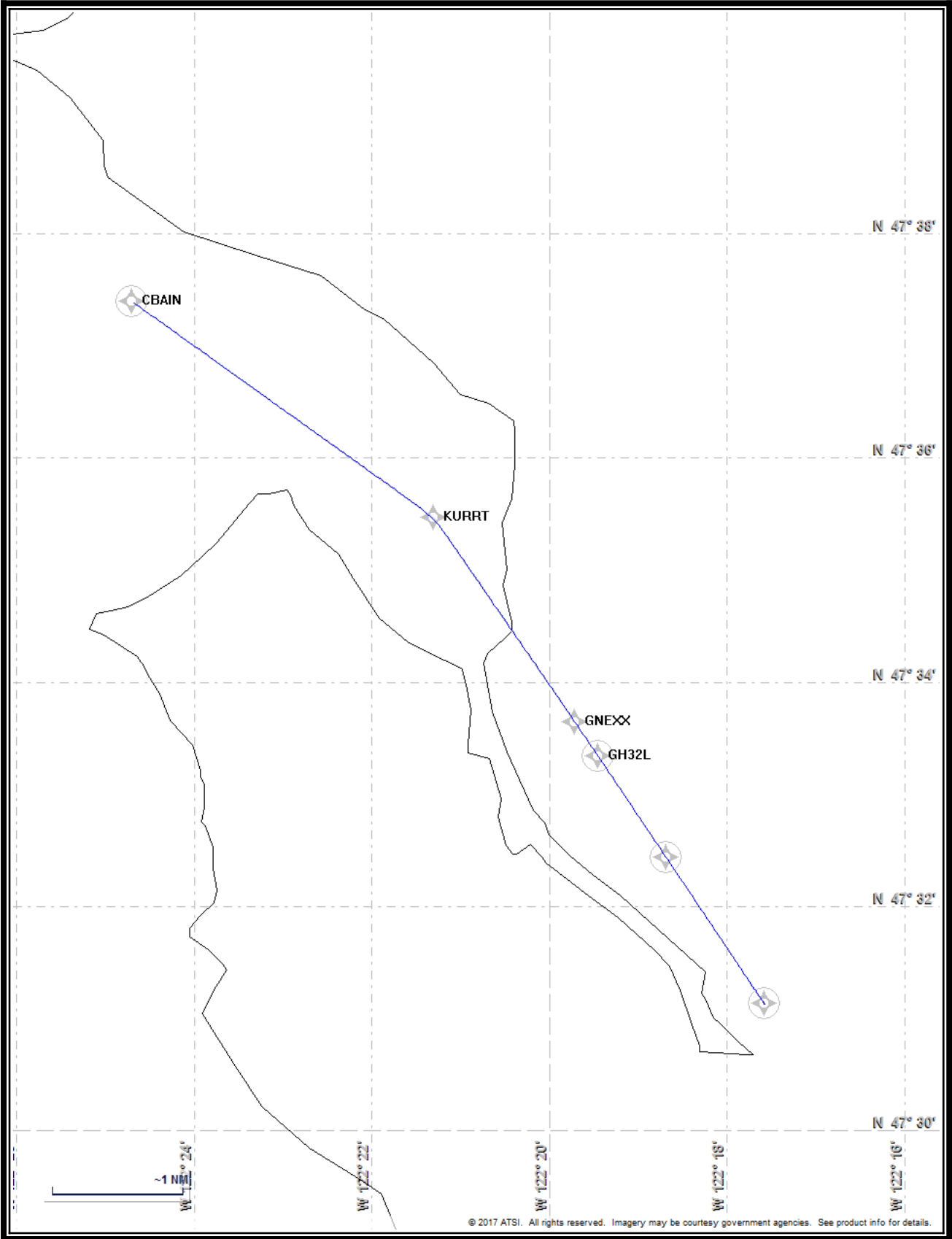


Name: Jeanette Roller
Project Name: KBFI
Output File: KBFI CBAIN1 SID RW32L
 CBAIN 20170213_1131
Procedure Name: CBAIN1
Software: RNAV-Pro™
Version: 2.39
Date/Time: 2/13/2017 11:31:35 AM
Input File: [KBFI CBAIN1 SID RW32L
 CBAIN 20160720_1458.txt](#)
Databases: AIRNAV Date: 2/8/2017
 CIPF Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

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



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW32L(...	WP	N 47° 31' 7.84" W 122° 17' 34.84"	20.8	VNAV	0.0	Fly Over	TF
RW14R(...	WP	N 47° 32' 25.95" W 122° 18' 40.88"	52.3	VNAV	130.0	Fly Over	VA
GH32L	WP	N 47° 33' 20.36" W 122° 19' 26.89"	540.0	VNAV	145.0	Fly Over	DF
GNEXX	WP	N 47° 33' 38.35" W 122° 19' 42.37"	741.7	VNAV	145.0	Fly By	TF
KURRT	WP	N 47° 35' 28.05" W 122° 21' 17.70"	1760.4	VNAV	145.0	Fly By	TF
CBAIN	WP	N 47° 37' 23.66" W 122° 24' 41.51"	2360.4	VNAV	145.0	Fly Over	TF

Climb Gradient:

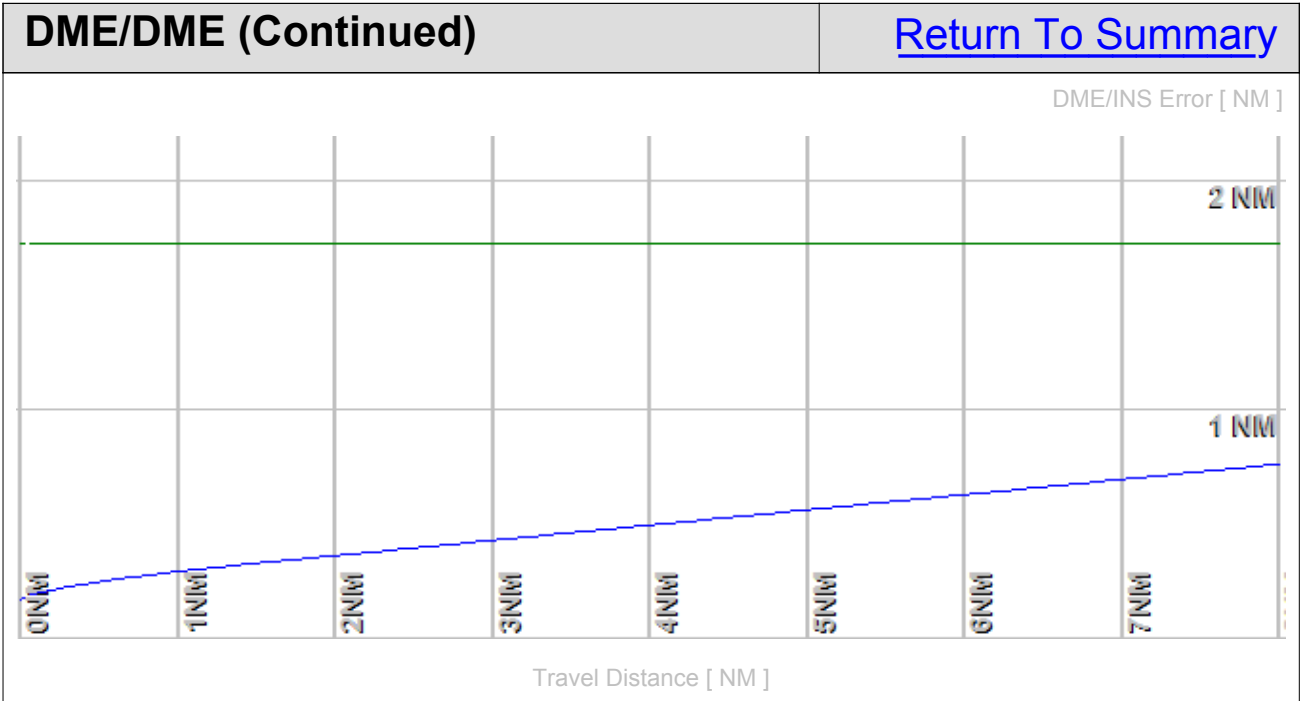
Table:

500.0 ft/NM up to 540.0 ft MSL

480.0 ft/NM up to 1400.0 ft MSL

Flyability		Return To Summary
Settings:	Flight Type: Runway Departure	
	Selected Airport: KBFI	
	Aircraft Category: Cat D	
	Climb Gradient:	
	Table:	
	500.0 ft/NM up to 540.0 ft MSL	
	480.0 ft/NM up to 1400.0 ft MSL	
	Ground Speeds:	
	Departure: 120.0 Kts out to 10.0 NM	
	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		
Flight Track comes into contact with terrain. Minimum AGL along route was -302.64 Ft.		
Flight Track contacted terrain (DTED 0 MAX) between AER and DER or within 2/3 NM of DER.		

DME/DME	Return To Summary
Settings:	<p> 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, 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 </p>
<p>Total Number of DMEs Used: 0</p> <p>Maximum DME Error Could not be Derived with < 2 DMEs.</p> <p>No Critical DMEs were found.</p> <p>Available DMEs: SEA, PAE</p> <p>Foreign DMEs within range: YDC, YVR, YYJ</p>	



DME/DME (Continued)					Return To Summary	
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.5						
2.5						
2.9	SEA	PAE				
4.8	SEA	PAE				
Inertial Drift Segments						
#	Start Location		End Location			Length [NM]
1	N 47° 31' 7.84" W 122° 17' 34.84"		N 47° 37' 23.54" W 122° 24' 41.30"			8.0
VOR: SEA		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: BFI		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: TCMA		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: TCM		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: SEA		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: PAE		Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"				
VOR: CVV		Available from N 47° 36' 56.59" W 122° 23' 53.70" to N 47° 37' 23.54" W 122° 24' 41.30"				

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
RW32L(AER)	RW14R(DER)	
RW14R(DER)	GH32L	
GH32L	GNEXX	
GNEXX	KURRT	PAE and SEA
KURRT	CBAIN	PAE and SEA