

ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16

Point Of Contact

ATC Facility Name -

POC's Name -

Telephone Number -

FAX Number -

Email Address -

TARGETS Distribution Package

Path From EAGLZ Leg Table 1/2

Segment	Leg Type	Start	End	Turn Type	RNP	Min End Fix Alt	Max End Fix Alt	Leg Length (NMI)	Leg Length (FT)	Start Course True	End Course True	Course Change	Turn Dir
INITIAL	IF	EAGLZ	EAGLZ	FB	0.7	9000.00	9000.00	0.00	0.00000				
INITIAL	TF	EAGLZ	RUXNN_	FB	0.7	7800.00		4.00	24304.46194	201.23	201.22	360.00	LEFT
INITIAL	TF	RUXNN_	GAREY [AVNIS]	FB	0.7	7200.00		2.59	15765.06734	201.22	201.21	23.87	RIGHT
INTERMEDIATE	TF	GAREY [AVNIS]	ZIGGY [AVNIS]	FB	0.7	6000.00		3.94	23970.08585	225.07	225.04	0.04	RIGHT
INTERMEDIATE	TF	ZIGGY [AVNIS]	TAKOE	FB	0.7	4300.00		5.37	32629.94688	225.08	225.03	45.28	RIGHT
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB	0.6	2900.00	2900.00	4.87	29609.29060	270.31	270.26	0.21	LEFT
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB	0.3			5.99	36415.00000	270.05	269.98	0.01	
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB	1.0			4.60	27975.93446	269.99	269.94	84.61	LEFT
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB	1.0			5.25	31899.84049	185.33	185.32	51.20	LEFT
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB	1.0			4.25	25808.01944	134.12	134.16	42.93	LEFT
MISSED_APPROACH	TF	MRIAM	ADRYN	FB	1.0			3.11	18905.69362	91.23	91.26		

Path From EAGLZ Leg Table 2/2

Segment	Leg Type	Start	End	Turn Type	End Fix Speed Restriction	RF Leg Radius	Flyby Turn Bank Angle Override	Tailwind Component Override	RF Leg Arc Center	Reduced ROC
INITIAL	IF	EAGLZ	EAGLZ	FB	240.0					
INITIAL	TF	EAGLZ	RUXNN_	FB						
INITIAL	TF	RUXNN_	GAREY [AVNIS]	FB						
INTERMEDIATE	TF	GAREY [AVNIS]	ZIGGY [AVNIS]	FB						
INTERMEDIATE	TF	ZIGGY [AVNIS]	TAKOE	FB	210.0					
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB						
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB						
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB						
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB						
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB						
MISSED_APPROACH	TF	MRIAM	ADRYN	FB						

Path From RAFII Leg Table 1/2

Segment	Leg Type	Start	End	Turn Type	RNP	Min End Fix Alt	Max End Fix Alt	Leg Length (NMI)	Leg Length (FT)	Start Course True	End Course True	Course Change	Turn Dir
INITIAL	IF	RAFII	RAFII	FB	1.0	8000.00	8000.00	0.00	0.00000				
INITIAL	TF	RAFII	AYKAY	FB	1.0	7300.00		2.17	13185.17060	163.36	163.37	360.00	RIGHT
INTERMEDIATE	TF	AYKAY	SAKOH_	FB	1.0	6800.00		1.63	9904.06824	163.37	163.37	36.84	RIGHT
INTERMEDIATE	TF	SAKOH_	TAKOE	FB	1.0	4300.00		7.88	47908.77306	200.22	200.19	70.12	RIGHT
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB	0.6	2900.00	2900.00	4.87	29609.29060	270.31	270.26	0.21	LEFT
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB	0.3			5.99	36415.00000	270.05	269.98	0.01	
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB	1.0			4.60	27975.93446	269.99	269.94	84.61	LEFT
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB	1.0			5.25	31899.84049	185.33	185.32	51.20	LEFT
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB	1.0			4.25	25808.01944	134.12	134.16	42.93	LEFT
MISSED_APPROACH	TF	MRIAM	ADRYN	FB	1.0			3.11	18905.69362	91.23	91.26		

Path From RAFII Leg Table 2/2

Segment	Leg Type	Start	End	Turn Type	End Fix Speed Restriction	RF Leg Radius	Flyby Turn Bank Angle Override	Tailwind Component Override	RF Leg Arc Center	Reduced ROC
INITIAL	IF	RAFII	RAFII	FB	-240.0					
INITIAL	TF	RAFII	AYKAY	FB						
INTERMEDIATE	TF	AYKAY	SAKOH_	FB						
INTERMEDIATE	TF	SAKOH_	TAKOE	FB	-210.0					
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB						
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB						
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB						
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB						
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB						
MISSED_APPROACH	TF	MRIAM	ADRYN	FB						

Path From TAKOE Leg Table 1/2

Segment	Leg Type	Start	End	Turn Type	RNP	Min End Fix Alt	Max End Fix Alt	Leg Length (NMI)	Leg Length (FT)	Start Course True	End Course True	Course Change	Turn Dir
INTERMEDIATE	IF	TAKOE	TAKOE	FB	0.7	4300.00		0.00	0.00000				
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB	0.6	2900.00	2900.00	4.87	29609.29060	270.31	270.26	0.21	LEFT
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB	0.3			5.99	36415.00000	270.05	269.98	0.01	
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB	1.0			4.60	27975.93446	269.99	269.94	84.61	LEFT
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB	1.0			5.25	31899.84049	185.33	185.32	51.20	LEFT
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB	1.0			4.25	25808.01944	134.12	134.16	42.93	LEFT
MISSED_APPROACH	TF	MRIAM	ADRYN	FB	1.0			3.11	18905.69362	91.23	91.26		

Path From TAKOE Leg Table 2/2

Segment	Leg Type	Start	End	Turn Type	End Fix Speed Restriction	RF Leg Radius	Flyby Turn Bank Angle Override	Tailwind Component Override	RF Leg Arc Center	Reduced ROC
INTERMEDIATE	IF	TAKOE	TAKOE	FB	210.0					
INTERMEDIATE	TF	TAKOE	CADIN 2900 TCH59.69	FB						
FINAL	TF	CADIN 2900 TCH59.69	KONT:RW26R:AER	FB						
MISSED_APPROACH	TF	KONT:RW26R:AER	EGYAZ [AVNIS]	FB						
MISSED_APPROACH	TF	EGYAZ [AVNIS]	LAKVE [AVNIS]	FB						
MISSED_APPROACH	TF	LAKVE [AVNIS]	MRIAM	FB						
MISSED_APPROACH	TF	MRIAM	ADRYN	FB						

Waypoint Data

DB	Waypoint	Latitude (Deg)	Longitude (Deg)	Latitude (Deg, Decimal Min)	Longitude (Deg, Decimal Min)	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")
	ADRYN WP	N 33.91905	W 117.56132	N33 55.14292	W117 33.67913	N33 55 8.57500	W117 33 40.74800
	AYKAY WP	N 34.20609	W 117.31930	N34 12.36521	W117 19.15775	N34 12 21.91283	W117 19 9.46482
	CADIN 2900 TCH59.69 WP	N 34.05687	W 117.46233	N34 3.41195	W117 27.73984	N34 03 24.71672	W117 27 44.39045
	EAGLZ WP	N 34.26897	W 117.18426	N34 16.13803	W117 11.05566	N34 16 8.28190	W117 11 3.33980
AVNIS	EGYAZ	N 34.05684	W 117.67491	N34 3.41067	W117 40.49483	N34 03 24.64000	W117 40 29.69000
AVNIS	GAREY	N 34.16633	W 117.23223	N34 9.97983	W117 13.93400	N34 09 58.79000	W117 13 56.04000
AVNIS	LAKVE	N 33.96957	W 117.68469	N33 58.17400	W117 41.08117	N33 58 10.44000	W117 41 4.87000
	MRIAM WP	N 33.92018	W 117.62362	N33 55.21075	W117 37.41720	N33 55 12.64500	W117 37 25.03200
	RAFII WP	N 34.24080	W 117.33178	N34 14.44800	W117 19.90700	N34 14 26.88000	W117 19 54.42000
	RUXNN_ WP	N 34.20671	W 117.21337	N34 12.40288	W117 12.80237	N34 12 24.17269	W117 12 48.14221
	SAKOH_ WP	N 34.18001	W 117.30992	N34 10.80067	W117 18.59535	N34 10 48.04000	W117 18 35.72087
	TAKOE WP	N 34.05646	W 117.36458	N34 3.38785	W117 21.87472	N34 03 23.27114	W117 21 52.48303
AVNIS	ZIGGY	N 34.11980	W 117.28830	N34 7.18817	W117 17.29817	N34 07 11.29000	W117 17 17.89000

RS Results ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16

Last Evaluation: 26-May-2016 09:44:47

Reference Software Version: 1.3.6

Path Evaluation for EAGLZ

Flight Evaluation Table 1

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Max Spd	Turn Ang	Leg Length	Min Seg Length
IF	EAGLZ		9000.0		-240		0.0	0.0
TF	RUXNN_	FLY_BY	+7800.0			0.0	4.0	1.0
TF	GAREY	FLY_BY	+7200.0			23.87	2.59	1.64
TF	ZIGGY	FLY_BY	+6000.0			0.04	3.94	1.64
TF	TAKOE	FLY_BY	+4300.0		-210	45.28	5.37	1.36
TF	CADIN 2900 TCH59.69	FLY_BY	2900.0			0.21	4.87	1.36
TF	KONT:RW26R:AER	FLY_BY					5.99	0.6

Flight Evaluation Table 2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	EAGLZ				0.0	0.0							0.0	0.0				
TF	RUXNN_	FLY_BY	0.0		9000.0	240.0	0.0	65.0	282.0	347.0	0.0		7848.65	240.0	0.0	63.0	277.0	340.0
TF	GAREY	FLY_BY	0.0		7848.65	240.0	0.0	63.0	277.0	340.0	1.64	7.78	7200.0	240.0	11.93	61.0	275.0	336.0
TF	ZIGGY	FLY_BY	1.64	7.78	7200.0	240.0	11.93	61.0	275.0	336.0	0.03	90.36	6000.0	240.0	1.0	59.0	270.0	329.0
TF	TAKOE	FLY_BY	0.03	90.36	6000.0	240.0	1.0	59.0	270.0	329.0	1.36	3.27	4300.0	210.0	20.0	56.0	230.0	286.0
TF	CADIN 2900 TCH59.69	FLY_BY	1.36	3.27	4300.0	210.0	20.0	56.0	230.0	286.0	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0
TF	KONT:RW26R:AER	FLY_BY	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0			0.0	0.0				

Route Criteria Failures

No failures.

Path Evaluation for RAFII

Flight Evaluation Table 1

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Max Spd	Turn Ang	Leg Length	Min Seg Length
IF	RAFII		8000.0		-240		0.0	0.0
TF	AYKAY	FLY_BY	+7300.0			0.0	2.17	1.0
TF	SAKOH_	FLY_BY	+6800.0			36.84	1.63	1.62
TF	TAKOE	FLY_BY	+4300.0		-210	70.12	7.88	3.91
TF	CADIN 2900 TCH59.69	FLY_BY	2900.0			0.21	4.87	2.29
TF	KONT:RW26R:AER	FLY_BY					5.99	0.6

Flight Evaluation Table 2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	RAFII				0.0	0.0							0.0	0.0				
TF	AYKAY	FLY_BY	0.0		8000.0	240.0	0.0	63.0	278.0	341.0	0.0		7300.0	240.0	0.0	61.0	275.0	336.0
TF	SAKOH_	FLY_BY	0.0		7300.0	240.0	0.0	61.0	275.0	336.0	1.62	4.85	6800.0	240.0	18.42	60.0	273.0	333.0
TF	TAKOE	FLY_BY	1.62	4.85	6800.0	240.0	18.42	60.0	273.0	333.0	2.29	3.27	4300.0	210.0	20.0	56.0	230.0	286.0
TF	CADIN 2900 TCH59.69	FLY_BY	2.29	3.27	4300.0	210.0	20.0	56.0	230.0	286.0	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0
TF	KONT:RW26R:AER	FLY_BY	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0			0.0	0.0				

Route Criteria Failures

No failures.

Path Evaluation for TAKOE

Flight Evaluation Table 1

Leg Tp	End Pt	Turn Tp	Alt Restr	Alt Restr 2	Max Spd	Turn Ang	Leg Length	Min Seg Length
IF	TAKOE		+4300.0		-210		0.0	0.0
TF	CADIN 2900 TCH59.69	FLY_BY	2900.0			0.21	4.87	1.0
TF	KONT:RW26R:AER	FLY_BY					5.99	0.6

Flight Evaluation Table 2

Leg Tp	End Pt	Turn Tp	DTA1	DTA1 Turn Rad	DTA1 Turn Alt	DTA1 Turn Spd	DTA1 Bank Ang	DTA1 Tailwind	DTA1 True Airspd	DTA1 vGround	DTA2	DTA2 Turn Rad	DTA2 Turn Alt	DTA2 Turn Spd	DTA2 Bank Ang	DTA2 Tailwind	DTA2 True Airspd	DTA2 vGround
IF	TAKOE				0.0	0.0							0.0	0.0				
TF	CADIN 2900 TCH59.69	FLY_BY	0.0		4300.0	210.0	0.0	56.0	230.0	286.0	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0
TF	KONT:RW26R:AER	FLY_BY	0.06	35.77	2900.0	165.0	1.0	30.0	177.0	207.0			0.0	0.0				

Route Criteria Failures

No failures.

Controlling Obstacles

Start Pt	End Pt	Name	Height (ft) AMSL	Effective Height (ft) AMSL
EAGLZ	RUXNN_	Initial2 TF 1-Initial2 TF 2-ConsideredTerrainPoint-457	6062.99	6187.99
RUXNN_	GAREY	Initial2 TF 1-Initial2 TF 2-Intermediate TF 1-ConsideredTerrainPoint-1834	5387.14	5512.14
GAREY	ZIGGY	Initial2 TF 2-Intermediate TF 1-Intermediate TF 2-ConsideredTerrainPoint-7661	3812.34	3937.34
ZIGGY	TAKOE	Intermediate TF 1-Intermediate TF 2-Intermediate TF 3-ConsideredTerrainPoint-3451	1377.95	1502.95
TAKOE	CADIN 2900 TCH59.69	Intermediate TF 2-Intermediate TF 3-Final TF 1-ConsideredTerrainPoint-1899	2060.37	2185.37
RAFII	AYKAY	Initial1 TF 1-Intermediate TF 1-ConsideredTerrainPoint-1186	5561.02	5686.02
AYKAY	SAKOH_	Initial1 TF 1-Intermediate TF 1-Intermediate TF 2-ConsideredTerrainPoint-6540	5164.04	5289.04
SAKOH_	TAKOE	Intermediate TF 1-Intermediate TF 2-Intermediate TF 3-ConsideredTerrainPoint-19702	3211.94	3336.94
TAKOE	CADIN 2900 TCH59.69	NONE		
Final	KONT:RW26R:AER	VEB OCS OEA-ConsideredTerrainPoint-399	1007.22	1132.22
MSA		Minimum Safe Altitude Area-ConsideredTerrainPoint-98327	7975.72	8100.72

Terrain Information

Terrain Extractor Name	Extractor Location	Extractor Type	Resolution
DTED 3 Sec	C:\Program Files (x86)\TARGETS\data\DTED-3Sec	org.mitre.caasd.terrain.DTEExtractor	3.0

Complete Procedure Results Summary

Evaluation Input

Name:	RS Results ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16
Project:	SoCal RNP Master file 5.24.16
Last evaluated:	26-May-2016 09:44:47
Evaluated obstacles?:	true
Obstacle Database:	
Evaluated terrain?:	true
Evaluated precipitous terrain?:	true
Worst Case Vegetation Height (ft) AGL:	0
Wind Spiral Limiting Splay Angle (deg):	-

Approach Input

HATh (ft):	484.0
Height Group:	4
Glidepath Angle (degs):	3.0
Threshold Crossing Height (ft):	59.690000000000005
Length of Runway Lighting System (ft):	0.0
Body Geometry:	Wide Body
ACT (degs C):	5.4

Airport

Name:	ONTARIO INTL
Location:	N34° 03' 21.60",W117° 36' 04.30"
Elevation (ft):	944.0

Runway

Name:	RW26R
Landing Threshold Point:	N34° 03' 24.82",W117° 34' 57.19"
Elevation (ft):	931.7
DER Location:	N34° 03' 24.76",W117° 37' 10.30"
DER Elevation (ft):	943.2
Course (degs):	269.982
Width (ft):	150

Reciprocal Runway

Name:	RW08L
Landing Threshold Point:	N34° 03' 24.76",W117° 37' 10.30"
Elevation (ft):	943.9
DER Location:	N34° 03' 24.82",W117° 34' 57.19"
DER Elevation (ft):	931.7
Course (degs):	89.962
Width (ft):	150

Runways with AC 150/5300-18 Survey

None.

Overall Results

Minimum Adjusted HATh (ft):	440.51910135260977
Decision Altitude (ft):	1416.0
Distance From LTP to DA (ft):	8101.574643366818
DA Point:	N34° 03' 24.83",W117° 33' 20.90"
DHeightloss (ft):	954.0568343864107
ab Point:	N34° 03' 24.83",W117° 33' 32.24"
Minimum Allowable TCH (ft):	45.0
Maximum Allowable TCH (ft):	75.0
MSA (ft)	9400.0
Average Cold Temperature (degs C):	5.4
Airport ISA (degs C):	13.13088
Delta ISA Low (degs C):	-7.730879999999999
Low Temperature Limit (degs C):	6.0
Delta ISA High (degs C):	42.156705434365335
High Temperature Limit (degs C):	54.0
DVEB (ft):	3322.5684261080446
Minimum Distance LTP to DA (for Section 1a) (ft):	4277.0
OCS Slope:	19.6985133488964:1
ROC PFAF for TF leg (ft):	288.1793085920325
ROC 250 for TF leg (ft):	234.3255837907783

Segment and Leg Summary Data

InitialRAFII

Leg RAFII to AYKAY

Leg Type:	TF
Leg Length (NM):	2.169999999998551
Leg RNP Value (NM):	1.0
Leg Minimum OCS Height (ft) AMSL:	7261.023622047243
Termination Minimum Altitude (ft):	7300
Descent Gradient (ft/NM):	323.0

ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16

Controlling Obstacle

Name:	Initial1 TF 1-Intermediate TF 1-ConsideredTerrainPoint-1186
Source:	DTED 3 Sec
Location:	N34° 15' 09.00",W117° 21' 15.00"
Height (ft) AMSL:	5561.023622047243
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	5686.023622047243
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	1000.0
Min Obs/Terrain Height (ft) AMSL:	7261.023622047243

InitialEAGLZ

Leg EAGLZ to RUXNN_

Leg Type:	TF
Leg Length (NM):	4.000000000000575
Leg RNP Value (NM):	0.7
Leg Minimum OCS Height (ft) AMSL:	7762.992125984251
Termination Minimum Altitude (ft):	7800
Descent Gradient (ft/NM):	300.0

Controlling Obstacle

Name:	Initial2 TF 1-Initial2 TF 2-ConsideredTerrainPoint-457
Source:	DTED 3 Sec
Location:	N34° 13' 57.00",W117° 13' 48.00"
Height (ft) AMSL:	6062.992125984251
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	6187.992125984251
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	1000.0
Min Obs/Terrain Height (ft) AMSL:	7762.992125984251

Leg RUXNN_ to GAREY

Leg Type:	TF
Leg Length (NM):	2.594596395549994
Leg RNP Value (NM):	0.7
Leg Minimum OCS Height (ft) AMSL:	7077.554294194348
Initial Minimum Altitude (ft):	7800
Termination Minimum Altitude (ft):	7200
Descent Gradient (ft/NM):	232.0

Controlling Obstacle

Name:	Initial2 TF 1-Initial2 TF 2-Intermediate TF 1-ConsideredTerrainPoint-1834
Source:	DTED 3 Sec
Location:	N34° 13' 33.00",W117° 14' 00.00"
Height (ft) AMSL:	5387.139107611548
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	5512.139107611548
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	1000.0
Min Obs/Terrain Height (ft) AMSL:	7077.554294194348

IntermediateGAREY

Leg GAREY to ZIGGY

Leg Type:	TF
Leg Length (NM):	3.944968772917333
Leg RNP Value (NM):	0.7
Leg Minimum OCS Height (ft) AMSL:	4894.199195215034
Initial Minimum Altitude (ft):	7200
Termination Minimum Altitude (ft):	6000
Descent Gradient (ft/NM):	305.0

Controlling Obstacle

Name:	Initial2 TF 2-Intermediate TF 1-Intermediate TF 2-ConsideredTerrainPoint-7661
Source:	DTED 3 Sec
Location:	N34° 09' 57.00",W117° 12' 15.00"
Height (ft) AMSL:	3812.3359580052493
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	3937.3359580052493
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	4894.199195215034

Leg ZIGGY to TAKOE

Leg Type:	TF
Leg Length (NM):	5.370198600733765
Leg RNP Value (NM):	0.7
Leg Minimum OCS Height (ft) AMSL:	2202.952755905512
Initial Minimum Altitude (ft):	6000
Termination Minimum Altitude (ft):	4300
Descent Gradient (ft/NM):	317.0

Controlling Obstacle

Name:	Intermediate TF 1-Intermediate TF 2-Intermediate TF 3-ConsideredTerrainPoint-3451
Source:	DTED 3 Sec
Location:	N34° 02' 33.00",W117° 20' 30.00"
Height (ft) AMSL:	1377.9527559055118
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	1502.9527559055118
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	2202.952755905512

Leg TAKOE to CADIN 2900 TCH59.69

Leg Type:	TF
Leg Length (NM):	4.873062514135648
Leg RNP Value (NM):	0.6
Leg Minimum OCS Height (ft) AMSL:	2885.3674540682414
Initial Minimum Altitude (ft):	4300
Termination Mandatory Altitude (ft):	2900
Descent Gradient (ft/NM):	288.0

Controlling Obstacle

Name:	Intermediate TF 2-Intermediate TF 3-Final TF 1-ConsideredTerrainPoint-1899
Source:	DTED 3 Sec
Location:	N34° 02' 12.00",W117° 26' 36.00"
Height (ft) AMSL:	2060.3674540682414
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	2185.3674540682414
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	2885.3674540682414

IntermediateAYKAY

Leg AYKAY to SAKOH_

Leg Type:	TF
Leg Length (NM):	1.630000000000295
Leg RNP Value (NM):	1.0
Leg Minimum OCS Height (ft) AMSL:	6301.541994750656
Initial Minimum Altitude (ft):	7300
Termination Minimum Altitude (ft):	6800
Descent Gradient (ft/NM):	307.0

Controlling Obstacle

Name:	Initial1 TF 1-Intermediate TF 1-Intermediate TF 2-ConsideredTerrainPoint-6540
Source:	DTED 3 Sec
Location:	N34° 13' 51.00",W117° 17' 09.00"
Height (ft) AMSL:	5164.041994750656
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	5289.041994750656
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	6301.541994750656

Leg SAKOH_ to TAKOE

Leg Type:	TF
Leg Length (NM):	7.884769994425842
Leg RNP Value (NM):	1.0
Leg Minimum OCS Height (ft) AMSL:	4263.037463515035
Initial Minimum Altitude (ft):	6800
Termination Minimum Altitude (ft):	4300
Descent Gradient (ft/NM):	317.0

Controlling Obstacle

Name:	Intermediate TF 1-Intermediate TF 2-Intermediate TF 3-ConsideredTerrainPoint-19702
Source:	DTED 3 Sec
Location:	N34° 11' 48.00",W117° 17' 18.00"
Height (ft) AMSL:	3211.942257217848
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	3336.942257217848
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	4263.037463515035

Leg TAKOE to CADIN 2900 TCH59.69

Leg Type:	TF
Leg Length (NM):	4.873062514135648
Leg RNP Value (NM):	0.6
Leg Minimum OCS Height (ft) AMSL:	2885.3674540682414
Initial Minimum Altitude (ft):	4300
Termination Mandatory Altitude (ft):	2900
Descent Gradient (ft/NM):	288.0

Controlling Obstacle

Name:	Intermediate TF 2-Intermediate TF 3-Final TF 1-ConsideredTerrainPoint-1899
Source:	DTED 3 Sec
Location:	N34° 02' 12.00",W117° 26' 36.00"
Height (ft) AMSL:	2060.3674540682414
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	2185.3674540682414
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	2885.3674540682414

IntermediateTAKOE

Leg TAKOE to CADIN 2900 TCH59.69

Leg Type:	TF
Leg Length (NM):	4.873062514135648
Leg RNP Value (NM):	0.6
Leg Minimum OCS Height (ft) AMSL:	null
Initial Minimum Altitude (ft):	4300
Termination Mandatory Altitude (ft):	2900
Descent Gradient (ft/NM):	288.0

Controlling Obstacle

Name:	Intermediate TF 2-Intermediate TF 3-Final TF 1-ConsideredTerrainPoint-1899
Source:	DTED 3 Sec
Location:	N34° 02' 12.00",W117° 26' 36.00"
Height (ft) AMSL:	2060.3674540682414
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	2185.3674540682414
Height Adjustments (AAO or WCVH) (ft):	200.0
ROC (ft):	500.0
Min Obs/Terrain Height (ft) AMSL:	2885.3674540682414

Final Segment Results

TotalLength:	36414.99999999271
MinimumAdjustedHath:	440.51910135260977
D500:	8402.0
ControllingObstacle:	VEB OCS OEA-ConsideredTerrainPoint-399
DPFAF:	36415.0
DVEB (ft):	3322.5684261080446
Distance from VEB to DA (ft):	4277.0
OCS Slope:	19.6985133488964:1
ROC PFAF for TF leg (ft):	288.1793085920325
ROC 250 for TF leg (ft):	234.3255837907783

Controlling Obstacle

Name:	VEB OCS OEA-ConsideredTerrainPoint-399
Source:	DTED 3 Sec
Location:	N34° 04' 00.00",W117° 33' 33.00"
Height (ft) AMSL:	1007.2178477690288
Vertical Accuracy Adjustment (ft):	125
Effective Height (ft) AMSL:	1132.2178477690288
Height Adjustments (AAO or WCVH) (ft):	0.0
HATH Adjustment (ft):	440.51910135260977
Amount of Penetration (ft):	21.967583203874028
Distance (ft):	6833.923406589343
OCS Height (ft) AMSL:	1110.2502645651548

Leg CADIN 2900 TCH59.69 to KONT:RW26R:AER

Leg Type:	TF
Leg Length (NM):	5.993138228940485
Leg RNP Value (NM):	0.3
Glidepath Angle (degs):	3.0

Procedure Criteria Failures

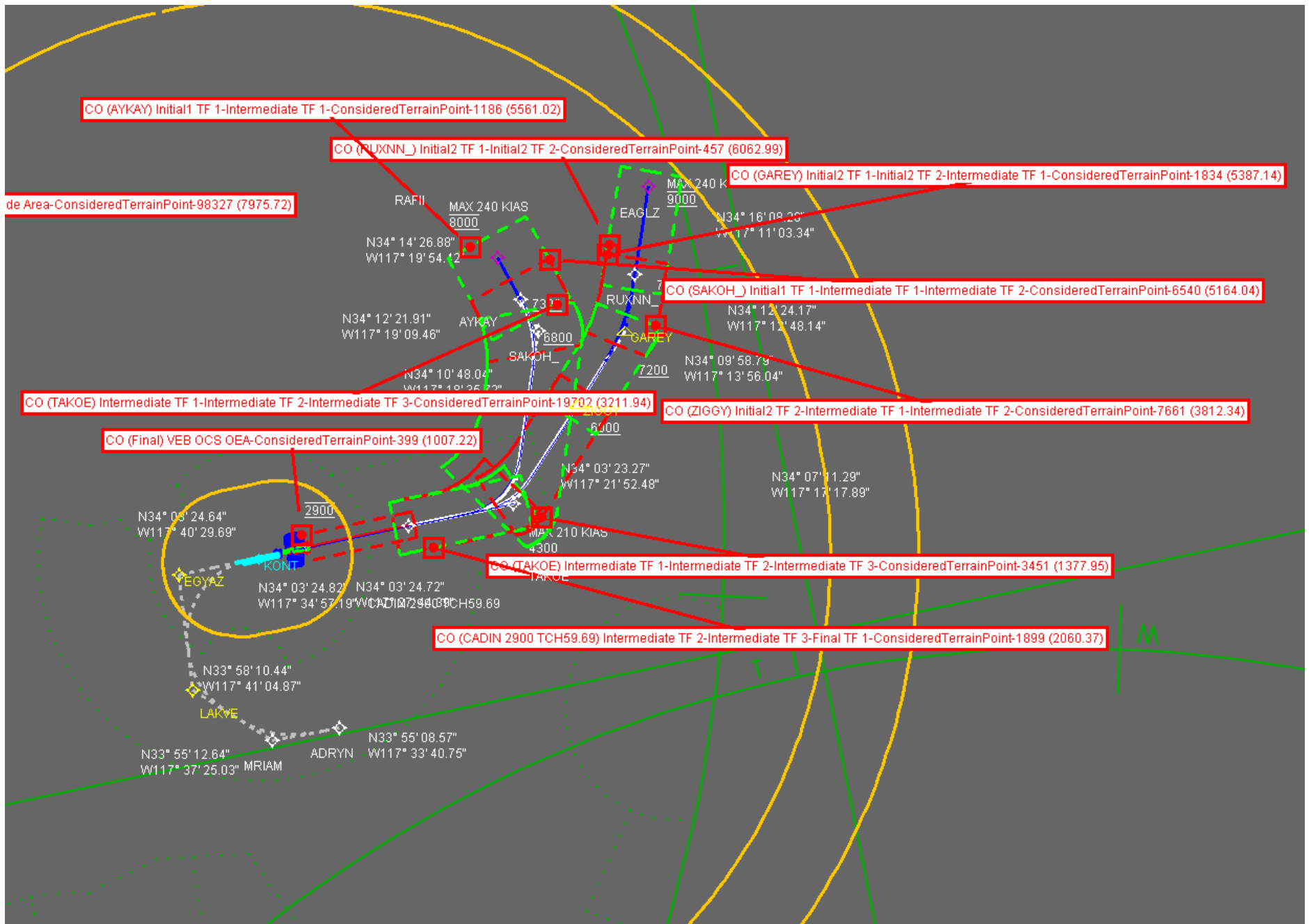
No failures.

Evaluation Notes and Warnings

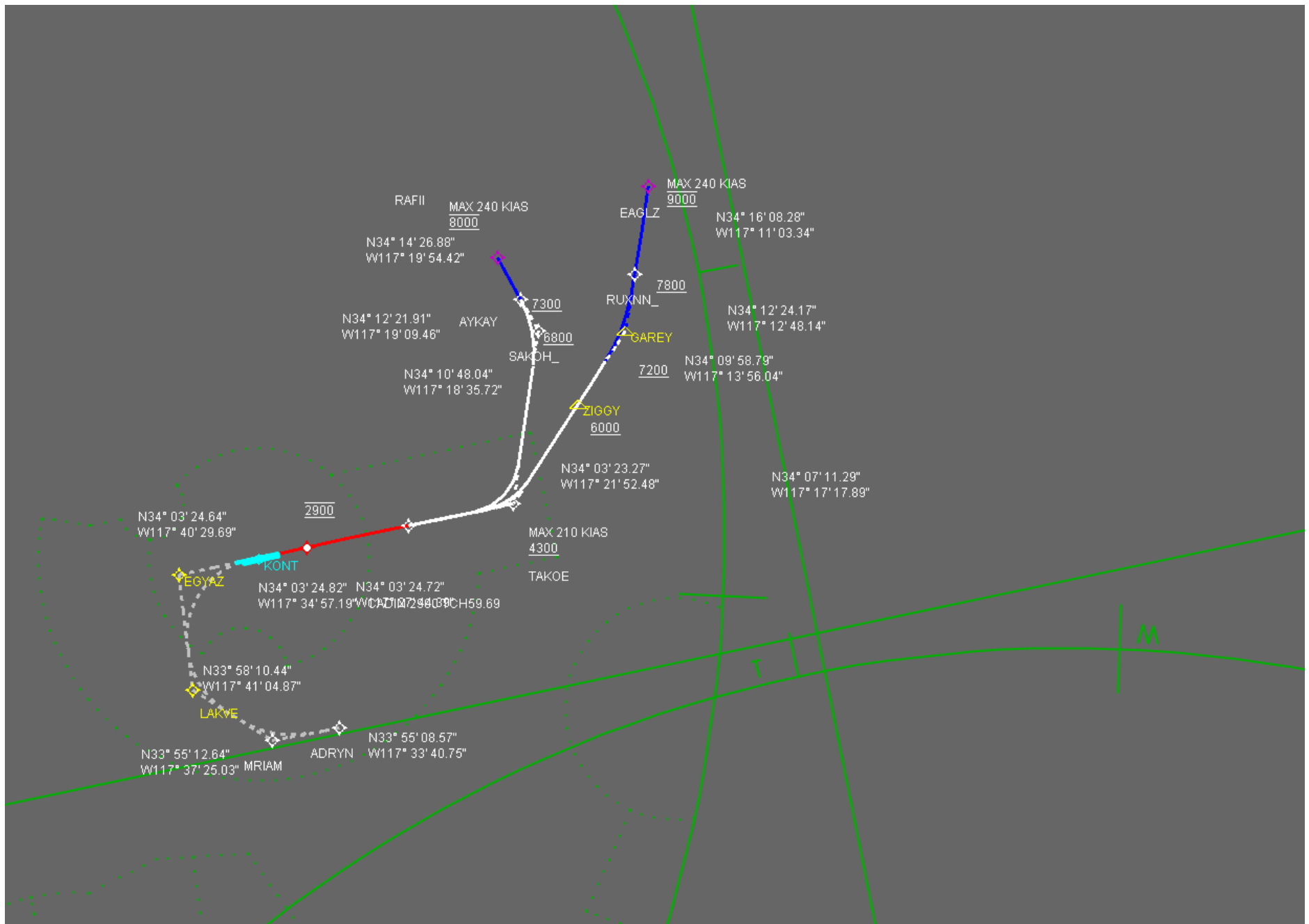
No failures.

Obstacles Requiring Accuracy Code Verification

[06-006049 [AVNIS], 06-002943 [AVNIS], 06-001030 [AVNIS], 06-006012 [AVNIS], 06-001485 [AVNIS], 06-001431 [AVNIS]]



ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16



ONT RNAV (RNP) Z Rwy 26R ADMT 1 5.24.16

Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AIRNAV2	N/A
OEAAA	N/A
NFDC	03/31/2016
IFP_OFFLINE	N/A
AVNIS	05/26/2016
DOF	03/31/2016
AVNII_OFFLINE	N/A
AIRNAV2	05/26/2016
CIFP	04/28/2016

Notes: