KBNA
RNAV (RNP) Z RWY 02L
CIMVU TO PFAF
(OBS # 7 W/250' A/C APPLIED)

PFAF Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	**0.00**
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	**000° 00' 00.00"**
PFAF Longitude:	**000° 00' 00.00"**

Latitude/Longitude valid for straight segment only

VEB OCS Origin & Slope

Intermediate Segment Altitude:	1900
LTP Elevation:	598.5
Glidepath Angle:	3
TCH:	54.8
RNP Value:	0.30
Δ ISA:	-30

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	**3,844.35'**
(*Wingspan =<136*) LTP to Origin:	**3,627.38'**
OCS Slope Ratio:	**21.70 : 1**

RF Turn Segment | Bank angle:	**19.46°**
(*Wingspan =<262*) LTP to Origin:	**4,248.82'**
(*Wingspan =<136*) LTP to Origin:	**3,793.45'**
OCS Slope Ratio:	**21.70 : 1**

Version 20

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2500	
LTP Elevation:	9.5	
ACT:	-16.00°C	
Min Glidepath Angle	**2.75°**	
NA Below	**-15.23°C**	**4.59°F**
NA Above	**49.31°C**	**120.77°F**

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	598.50
TCH (ft)	54.80
OCS Slope	21.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,844.35
Obstacle Distance (ft) *(measured along-track from LTP)*	33,880.31
VEB ROC *(at obstacle)*	**452**
Glidepath MSL altitude at Obstacle	2,456.40
OCS MSL altitude at Obstacle	2,004.26

KBNA
RNAV (RNP) Z RWY 02L
NEMJI TO PFAF
(OBS # 7 W/250' A/C APPLIED)

PFAF Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	**0.00**
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	**000° 00' 00.00"**
PFAF Longitude:	**000° 00' 00.00"**

Latitude/Longitude valid for straight segment only

VEB OCS Origin & Slope

Intermediate Segment Altitude:	1900
LTP Elevation:	598.5
Glidepath Angle:	3
TCH:	54.8
RNP Value:	0.30
Δ ISA:	-30

Straight In Segment	
(*Wingspan =<262*) LTP to Origin:	**3,844.35'**
(*Wingspan =<136*) LTP to Origin:	**3,627.38'**
OCS Slope Ratio:	**21.70 : 1**
RF Turn Segment | Bank angle:	**19.46°**
(*Wingspan =<262*) LTP to Origin:	**4,248.82'**
(*Wingspan =<136*) LTP to Origin:	**3,793.45'**
OCS Slope Ratio:	**21.70 : 1**

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2500	
LTP Elevation:	9.5	
ACT:	-16.00°C	
Min Glidepath Angle	**2.75°**	
NA Below	**-15.23°C**	**4.59°F**
NA Above	**49.31°C**	**120.77°F**

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	598.50
TCH (ft)	54.80
OCS Slope	21.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,844.35
Obstacle Distance (ft) *(measured along-track from LTP)*	32,062.21
VEB ROC *(at obstacle)*	**440**
Glidepath MSL altitude at Obstacle	2,358.24
OCS MSL altitude at Obstacle	1,917.94

KBNA
RNAV (RNP) Z RWY 2L
DUFDE TO PFAF
(OBS # 4 W/250' A/C APPLIED)

PFAF Calculations

Min Intermediate Segment Alt (a):	
LTP MSL Elevation (b):	
TCH:	
Glidepath Angle (Θ):	
Distance from LTP to PFAF (D):	**0.00**
	0.00 NM
LTP/FTP Latitude:	
LTP/FTP Longitude:	
True RWY Bearing/True Course:	
PFAF Latitude:	**000° 00' 00.00"**
PFAF Longitude:	**000° 00' 00.00"**

Latitude/Longitude valid for straight segment only

VEB OCS Origin & Slope

Intermediate Segment Altitude:	1900
LTP Elevation:	598.5
Glidepath Angle:	3
TCH:	54.8
RNP Value:	0.30
Δ ISA:	-30

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	**3,844.35'**
(*Wingspan =<136*) LTP to Origin:	**3,627.38'**
OCS Slope Ratio:	**21.70 : 1**
RF Turn Segment | Bank angle:	**19.46°**
(*Wingspan =<262*) LTP to Origin:	**4,248.82'**
(*Wingspan =<136*) LTP to Origin:	**3,793.45'**
OCS Slope Ratio:	**21.70 : 1**

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2500	
LTP Elevation:	9.5	
ACT:	-16.00°C	
Min Glidepath Angle	**2.75°**	
NA Below	**-15.23°C**	**4.59°F**
NA Above	**49.31°C**	**120.77°F**

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	598.50
TCH (ft)	58.40
OCS Slope	21.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,844.35
Obstacle Distance (ft) *(measured along-track from LTP)*	33,802.59
VEB ROC *(at obstacle)*	**455**
Glidepath MSL altitude at Obstacle	2,455.80
OCS MSL altitude at Obstacle	2,000.57