RNP RWY 33 (RNP 0.30) FOLYY RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(Wingspan =<262) LTP to Origin:	3,676.17'
(Wingspan =<136) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	19.05°
(Wingspan =<262) LTP to Origin:	4,043.55'
(Wingspan =<136) LTP to Origin:	3,618.13'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	4,043.55
Obstacle Distance (ft) *(measured along-track from LTP)*	27,380.69
VEB ROC *(at obstacle)*	**362**
Glidepath MSL altitude at Obstacle	1,540.93
OCS MSL altitude at Obstacle	1,178.99

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17334.00
OBS in RF = 9946.69
AC/2D = 50.00

27,330.69'

RNP RWY 33 (RNP 0.30) FOLYY TF Segment

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,676.17'
(*Wingspan =<136*) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	19.05°
(*Wingspan =<262*) LTP to Origin:	4,043.55'
(*Wingspan =<136*) LTP to Origin:	3,618.13'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,676.17
Obstacle Distance (ft) *(measured along-track from LTP)*	40,896.04
VEB ROC *(at obstacle)*	**401**
Glidepath MSL altitude at Obstacle	2,271.35
OCS MSL altitude at Obstacle	1,870.13

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
RF Seg = 20720.35
OBS in RF = 2241.69
AC/SD = 500.00

40,896.04'

RNP RWY 33 (RNP 0.23) FOLYY RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1

RF Turn Segment | Bank angle:	19.05°
(*Wingspan =<262*) LTP to Origin:	3,485.72'
(*Wingspan =<136*) LTP to Origin:	3,060.07'
OCS Slope Ratio:	20.70 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,485.72
Obstacle Distance (ft) *(measured along-track from LTP)*	27,380.69
VEB ROC *(at obstacle)*	**335**
Glidepath MSL altitude at Obstacle	1,540.93
OCS MSL altitude at Obstacle	1,206.03

DO NOT REMOVE FROM FOLDER

LTP in PFAF = 17384.00
OBS in RF = 9946.69
AC/2D = 50.00

27,380.69

RNP RWY 33 (RNP 0.23) FOLYY TF Segment

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (©):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1

RF Turn Segment | Bank angle:	19.05°
(*Wingspan =<262*) LTP to Origin:	3,485.72'
(*Wingspan =<136*) LTP to Origin:	3,060.07'
OCS Slope Ratio:	20.70 : 1

Version 20

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,118.14
Obstacle Distance (ft) *(measured along-track from LTP)*	40,896.04
VEB ROC *(at obstacle)*	**374**
Glidepath MSL altitude at Obstacle	2,271.35
OCS MSL altitude at Obstacle	1,897.22

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
RF Seg = 20720.35
OBS in TF = 2291.69
AC/5D = 500.00

40,896.04'

RNP RWY 33 (RNP 0.12) FOLYY TF Segment

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	2,425.88'
(*Wingspan =<136*) LTP to Origin:	2,218.69'
OCS Slope Ratio:	20.72 : 1

RF Turn Segment | Bank angle:	19.05°
(*Wingspan =<262*) LTP to Origin:	2,793.80'
(*Wingspan =<136*) LTP to Origin:	2,367.76'
OCS Slope Ratio:	20.72 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,425.88
Obstacle Distance (ft) *(measured along-track from LTP)*	40,896.04
VEB ROC *(at obstacle)*	**341**
Glidepath MSL altitude at Obstacle	2,271.35
OCS MSL altitude at Obstacle	1,930.13

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
RF Seg = 20720.35
OBS in TF = 2291.69
AC|5D = 500.00

40,896.04

RNP RWY 33 (RNP 0.12) FOLYY RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	2,425.88'
(*Wingspan =<136*) LTP to Origin:	2,218.69'
OCS Slope Ratio:	20.72 : 1

RF Turn Segment | Bank angle:	19.05°
(*Wingspan =<262*) LTP to Origin:	2,793.80'
(*Wingspan =<136*) LTP to Origin:	2,367.76'
OCS Slope Ratio:	20.72 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,793.80
Obstacle Distance (ft) *(measured along-track from LTP)*	27,380.69
VEB ROC *(at obstacle)*	**302**
Glidepath MSL altitude at Obstacle	1,540.93
OCS MSL altitude at Obstacle	1,239.11

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in RF = 9946.69
AC/2D = 50.00

27,380.69

RNP RWY 33 (RNP 0.12) SNOBB RF Segment (SNOBB)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	2,425.88'
(*Wingspan =<136*) LTP to Origin:	2,218.69'
OCS Slope Ratio:	20.72 : 1

RF Turn Segment | Bank angle:	18.97°
(*Wingspan =<262*) LTP to Origin:	2,790.22'
(*Wingspan =<136*) LTP to Origin:	2,365.90'
OCS Slope Ratio:	20.72 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,790.22
Obstacle Distance (ft) *(measured along-track from LTP)*	40,653.09
VEB ROC *(at obstacle)*	**358**
Glidepath MSL altitude at Obstacle	2,258.14
OCS MSL altitude at Obstacle	1,899.71

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
1ST RF Seg = 7322.21
OBS in 2ND RF = 15446.88
AC/5D = 500.00

40,653.09

RNP RWY 33 (RNP 0.23) SNOBB RF Segment (SNOBB)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1

RF Turn Segment | Bank angle:	18.97°
(*Wingspan =<262*) LTP to Origin:	3,482.14'
(*Wingspan =<136*) LTP to Origin:	3,058.21'
OCS Slope Ratio:	20.70 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,482.14
Obstacle Distance (ft) *(measured along-track from LTP)*	40,653.09
VEB ROC *(at obstacle)*	**391**
Glidepath MSL altitude at Obstacle	2,258.14
OCS MSL altitude at Obstacle	1,866.81

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
1ST RF Seg = 7322.21
OBS in 2ND RF = 15446.88
AC|5D = 500.00

40,653.09

RNP RWY 33 (RNP 0.30) SNOBB RF Segment (SNOBB)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,676.17'
(*Wingspan =<136*) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	18.97°
(*Wingspan =<262*) LTP to Origin:	4,039.98'
(*Wingspan =<136*) LTP to Origin:	3,616.27'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	4,039.98
Obstacle Distance (ft) *(measured along-track from LTP)*	40,653.09
VEB ROC *(at obstacle)*	**418**
Glidepath MSL altitude at Obstacle	2,258.14
OCS MSL altitude at Obstacle	1,839.73

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
1ST RF Seg = 7322.21
OBS in 2ND RF = 15446.88
AC|5D = 500.00

40653.09

RNP RWY 33 (RNP 0.30) SNOBB RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,676.17'
(*Wingspan =<136*) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1
RF Turn Segment | Bank angle:	18.50°
(*Wingspan =<262*) LTP to Origin:	4,018.92'
(*Wingspan =<136*) LTP to Origin:	3,605.34'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	4,018.92
Obstacle Distance (ft) *(measured along-track from LTP)*	27,853.87
VEB ROC *(at obstacle)*	**363**
Glidepath MSL altitude at Obstacle	1,566.35
OCS MSL altitude at Obstacle	1,203.62

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384,00
OBS in 1ST RF = 10219,87
AC/4D = 250,00

27,853.87

RNP RWY 33 (RNP 0.23) SNOBB RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1
RF Turn Segment | Bank angle:	18.50°
(*Wingspan =<262*) LTP to Origin:	3,461.07'
(*Wingspan =<136*) LTP to Origin:	3,047.28'
OCS Slope Ratio:	20.70 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,461.07
Obstacle Distance (ft) *(measured along-track from LTP)*	27,853.87
VEB ROC *(at obstacle)*	336
Glidepath MSL altitude at Obstacle	1,566.35
OCS MSL altitude at Obstacle	1,230.65

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 1ST RF = 10219.87
AC|4D = 250.00

27,853.87'

RNP RWY 33 (RNP 0.12) SNOBB RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	2,425.86'
(*Wingspan =<136*) LTP to Origin:	2,218.69'
OCS Slope Ratio:	20.72 : 1
RF Turn Segment | Bank angle:	18.50°
(*Wingspan =<262*) LTP to Origin:	2,769.13'
(*Wingspan =<136*) LTP to Origin:	2,354.95'
OCS Slope Ratio:	20.72 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,769.13
Obstacle Distance (ft) *(measured along-track from LTP)*	27,853.87
VEB ROC *(at obstacle)*	**303**
Glidepath MSL altitude at Obstacle	1,566.35
OCS MSL altitude at Obstacle	1,263.73

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 1ST RF = 10219.87
AC|4D = 250.00

27,853.87'

RNP RWY 33 (RNP 0.12) HOLII RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (θ):	0.00°
Distance from LTP to PFAF (D):	**0.00**
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	**2,425.88'**
(*Wingspan =<136*) LTP to Origin:	**2,218.69'**
OCS Slope Ratio:	**20.72 : 1**

RF Turn Segment | Bank angle:	**18.33°**
(*Wingspan =<262*) LTP to Origin:	**2,761.49'**
(*Wingspan =<136*) LTP to Origin:	**2,350.99'**
OCS Slope Ratio:	**20.72 : 1**

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	**2.87°**	
NA Below	**-5.00°C**	**23.00°F**
NA Above	**47.43°C**	**117.38°F**

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,761.49
Obstacle Distance (ft) *(measured along-track from LTP)*	27,380.69
VEB ROC *(at obstacle)*	**300**
Glidepath MSL altitude at Obstacle	1,540.93
OCS MSL altitude at Obstacle	1,240.71

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17334.00
OBS in 1ST RF = 9946.69
AC|2D = 50.00
27,380.69

RNP RWY 33 (RNP 0.23) HOLII RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1

RF Turn Segment | Bank angle:	18.33°
(*Wingspan =<262*) LTP to Origin:	3,453.44'
(*Wingspan =<136*) LTP to Origin:	3,043.31'
OCS Slope Ratio:	20.70 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,453.44
Obstacle Distance (ft) *(measured along-track from LTP)*	27,380.69
VEB ROC *(at obstacle)*	**333**
Glidepath MSL altitude at Obstacle	1,540.93
OCS MSL altitude at Obstacle	1,207.62

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 1ST RF = 9946.69
AC/2D = 50.00

27,380.69'

RNP RWY 33 (RNP 0.30) HOLII RF Segment (PFAF)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (⊙):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,676.17'
(*Wingspan =<136*) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	18.33°
(*Wingspan =<262*) LTP to Origin:	4,011.29'
(*Wingspan =<136*) LTP to Origin:	3,601.38'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	4,011.29
Obstacle Distance (ft) *(measured along-track from LTP)*	27380.69
VEB ROC *(at obstacle)*	**415**
Glidepath MSL altitude at Obstacle	2,230.97
OCS MSL altitude at Obstacle	1,816.12

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 1ST RF = 9946.69
AC|2D = 50.00

27,380.69

RNP RWY 33 (RNP 0.30) HOLII RF Segment (HOLII)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.30
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,676.17'
(*Wingspan =<136*) LTP to Origin:	3,469.27'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	19.33°
(*Wingspan =<262*) LTP to Origin:	4,056.06'
(*Wingspan =<136*) LTP to Origin:	3,624.62'
OCS Slope Ratio:	20.69 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	4,056.06
Obstacle Distance (ft) *(measured along-track from LTP)*	39,838.43
VEB ROC *(at obstacle)*	**416**
Glidepath MSL altitude at Obstacle	2,213.87
OCS MSL altitude at Obstacle	1,798.13

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 2ND RF = 21954.43
AC/5D = 500.00

39,838.43'

RNP RWY 33 (RNP 0.23) HOLII RF Segment (HOLII)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (Θ):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.23
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	3,118.14'
(*Wingspan =<136*) LTP to Origin:	2,911.14'
OCS Slope Ratio:	20.70 : 1

RF Turn Segment | Bank angle:	19.33°
(*Wingspan =<262*) LTP to Origin:	3,498.23'
(*Wingspan =<136*) LTP to Origin:	3,066.57'
OCS Slope Ratio:	20.70 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.70
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,498.23
Obstacle Distance (ft) *(measured along-track from LTP)*	39,838.43
VEB ROC *(at obstacle)*	**389**
Glidepath MSL altitude at Obstacle	2,213.87
OCS MSL altitude at Obstacle	1,825.21

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 2ND RF = 21954.43
AC|5D = 500.00

39,838.43'

RNP RWY 33 (RNP 0.12) HOLII RF Segment (HOLII)

PFAF Calculations

Min Intermediate Segment Alt (a):	0.00
LTP MSL Elevation (b):	0.00
TCH:	0.00
Glidepath Angle (⊙):	0.00°
Distance from LTP to PFAF (D):	0.00
	0.00 NM
LTP/FTP Latitude:	000° 00' 00.00"
LTP/FTP Longitude:	000° 00' 00.00"
True RWY Bearing/True Course:	0.00
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:	1000
LTP Elevation:	38
Glidepath Angle:	3
TCH:	50
RNP Value:	0.12
Δ ISA:	-19.908

Straight In Segment

(*Wingspan =<262*) LTP to Origin:	2,425.88'
(*Wingspan =<136*) LTP to Origin:	2,218.69'
OCS Slope Ratio:	20.72 : 1

RF Turn Segment | Bank angle:	19.33°
(*Wingspan =<262*) LTP to Origin:	2,806.33'
(*Wingspan =<136*) LTP to Origin:	2,374.26'
OCS Slope Ratio:	20.72 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	1000	
LTP Elevation:	38	
ACT:	-5.00°C	
Min Glidepath Angle	2.87°	
NA Below	-5.00°C	23.00°F
NA Above	47.43°C	117.38°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	38.00
TCH (ft)	50.00
OCS Slope	20.72
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,806.33
Obstacle Distance (ft) *(measured along-track from LTP)*	39,838.43
VEB ROC *(at obstacle)*	**356**
Glidepath MSL altitude at Obstacle	2,213.87
OCS MSL altitude at Obstacle	1,858.12

DO NOT REMOVE FROM FOLDER

LTP to PFAF = 17384.00
OBS in 2ND RF = 21954.43
AC|5D = 500.00

39,838.43'