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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.30
Δ ISA:	-13.63

Straight In Segment

(Wingspan =<262) **LTP to Origin:**	3,521.97'
(Wingspan =<136) **LTP to Origin:**	3,320.40'
OCS Slope Ratio:	20.16 : 1

RF Turn Segment | Bank angle:	18.60°
(Wingspan =<262) **LTP to Origin:**	3,860.27'
(Wingspan =<136) **LTP to Origin:**	3,455.23'
OCS Slope Ratio:	20.16 : 1

Version 2.0

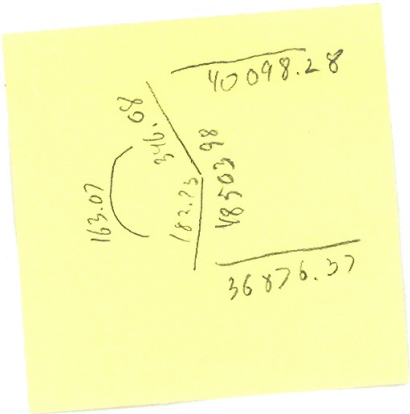
VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,521.97
Obstacle Distance (ft) *(measured along-track from LTP)*	125,478.63
VEB ROC *(at obstacle)*	**599**
Glidepath MSL altitude at Obstacle	7,020.64
OCS MSL altitude at Obstacle	6,421.44

SAN22



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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.11
Δ ISA:	-13.63

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	2,257.52'
(*Wingspan =<136*) **LTP to Origin:**	2,055.65'
OCS Slope Ratio:	20.19 : 1

RF Turn Segment | Bank angle:	18.60°
(*Wingspan =<262*) **LTP to Origin:**	2,596.33'
(*Wingspan =<136*) **LTP to Origin:**	2,190.69'
OCS Slope Ratio:	20.19 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,257.52
Obstacle Distance (ft) *(measured along-track from LTP)*	125,478.63
VEB ROC *(at obstacle)*	**529**
Glidepath MSL altitude at Obstacle	7,020.64
OCS MSL altitude at Obstacle	6,491.58

SAN 22

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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.11
Δ ISA:	-13.63

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	2,257.52'
(*Wingspan =<136*) **LTP to Origin:**	2,055.65'
OCS Slope Ratio:	20.19 : 1

RF Turn Segment | Bank angle:	18.60°
(*Wingspan =<262*) **LTP to Origin:**	2,596.33'
(*Wingspan =<136*) **LTP to Origin:**	2,190.69'
OCS Slope Ratio:	20.19 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,257.52
Obstacle Distance (ft) *(measured along-track from LTP)*	85,297.21
VEB ROC *(at obstacle)*	**412**
Glidepath MSL altitude at Obstacle	4,711.88
OCS MSL altitude at Obstacle	4,299.86

SHDEE

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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.30
Δ ISA:	-13.63

Straight In Segment

(Wingspan =<262) **LTP to Origin:**	3,521.97'
(Wingspan =<136) **LTP to Origin:**	3,320.40'
OCS Slope Ratio:	20.16 : 1

RF Turn Segment | Bank angle:	18.60°
(Wingspan =<262) **LTP to Origin:**	3,860.27'
(Wingspan =<136) **LTP to Origin:**	3,455.23'
OCS Slope Ratio:	20.16 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,521.97
Obstacle Distance (ft) *(measured along-track from LTP)*	85,297.21
VEB ROC *(at obstacle)*	**480**
Glidepath MSL altitude at Obstacle	4,711.88
OCS MSL altitude at Obstacle	4,232.15

SHDEE

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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.11
Δ ISA:	-13.63

Straight In Segment

(Wingspan =<262) **LTP to Origin:**	2,257.52'
(Wingspan =<136) **LTP to Origin:**	2,055.65'
OCS Slope Ratio:	20.19 : 1

RF Turn Segment | Bank angle:	18.60°
(Wingspan =<262) **LTP to Origin:**	2,596.33'
(Wingspan =<136) **LTP to Origin:**	2,190.69'
OCS Slope Ratio:	20.19 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	2,257.52
Obstacle Distance (ft) *(measured along-track from LTP)*	54,755.82
VEB ROC *(at obstacle)*	**323**
Glidepath MSL altitude at Obstacle	3,008.77
OCS MSL altitude at Obstacle	2,685.72

WILBA

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:	2000
LTP Elevation:	15.6
Glidepath Angle:	3
TCH:	51.7
RNP Value:	0.30
Δ ISA:	-13.63

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	3,521.97'
(*Wingspan =<136*) **LTP to Origin:**	3,320.40'
OCS Slope Ratio:	20.16 : 1

RF Turn Segment | Bank angle:	18.60°
(*Wingspan =<262*) **LTP to Origin:**	3,860.27'
(*Wingspan =<136*) **LTP to Origin:**	3,455.23'
OCS Slope Ratio:	20.16 : 1

Version 2.0

VEB Temperature Limits

Glidepath Angle:	3.00°	
Max Glidepath Angle:	3.50°	
PFAF Elevation:	2000	
LTP Elevation:	15.6	
ACT:	1.33°C	
Min Glidepath Angle	2.94°	
NA Below	1.33°C	34.39°F
NA Above	49.00°C	120.20°F

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	15.60
TCH (ft)	51.70
OCS Slope	20.16
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,521.97
Obstacle Distance (ft) *(measured along-track from LTP)*	54,755.82
VEB ROC *(at obstacle)*	**389**
Glidepath MSL altitude at Obstacle	3,008.77
OCS MSL altitude at Obstacle	2,619.86

WI & BA