DO NOT REMOVE FROM PACKAGE

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:	1100
LTP Elevation:	29.2
Glidepath Angle:	3
TCH:	51
RNP Value:	0.30
Δ ISA:	-19.942
Straight In Segment	
(Wingspan =<262) **LTP to Origin:**	**3,657.21'**
(Wingspan =<136) **LTP to Origin:**	**3,450.28'**
OCS Slope Ratio:	**20.69 : 1**
RF Turn Segment | Bank angle:	
(Wingspan =<262) **LTP to Origin:**	**NA**
(Wingspan =<136) **LTP to Origin:**	**NA**
OCS Slope Ratio:	**NA**

Version 2.0

VEB Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:		
Min Glidepath Angle	**#DIV/0!**	
NA Below	**#DIV/0!**	**#DIV/0!**
NA Above	**#DIV/0!**	**#DIV/0!**

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	29.20
TCH (ft)	51.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,657.21
Obstacle Distance (ft) *(measured along-track from LTP)*	43,970.95
VEB ROC *(at obstacle)*	**414**
Glidepath MSL altitude at Obstacle	2,430.95
OCS MSL altitude at Obstacle	2,016.61

RNAV (RNP) Y RWY 8, ORIG

LIBBY - LETRE - GRRDN

DO NOT REMOVE FROM PACKAGE

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:	1100
LTP Elevation:	29.2
Glidepath Angle:	3
TCH:	51
RNP Value:	0.30
Δ ISA:	-19.942

Straight In Segment

(*Wingspan =<262*) **LTP to Origin:**	3,657.21'
(*Wingspan =<136*) **LTP to Origin:**	3,450.28'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	
(*Wingspan =<262*) **LTP to Origin:**	NA
(*Wingspan =<136*) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:		
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	29.20
TCH (ft)	51.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,657.21
Obstacle Distance (ft) *(measured along-track from LTP)*	42,700.45
VEB ROC *(at obstacle)*	**409**
Glidepath MSL altitude at Obstacle	2,361.73
OCS MSL altitude at Obstacle	1,952.79

RNAV (RNP) Y RWY 8, ORIG

GETTY - LITRE - GRRDN

DO NOT REMOVE FROM PACKAGE

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:	1100
LTP Elevation:	29.2
Glidepath Angle:	3
TCH:	51
RNP Value:	0.30
Δ ISA:	-19.942
Straight In Segment	
(*Wingspan =<262*) **LTP to Origin:**	3,657.21'
(*Wingspan =<136*) **LTP to Origin:**	3,450.28'
OCS Slope Ratio:	20.69 : 1
RF Turn Segment | Bank angle:	
(*Wingspan =<262*) **LTP to Origin:**	NA
(*Wingspan =<136*) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:		
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	29.20
TCH (ft)	51.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,657.21
Obstacle Distance (ft) *(measured along-track from LTP)*	43,243.62
VEB ROC *(at obstacle)*	**411**
Glidepath MSL altitude at Obstacle	2,391.31
OCS MSL altitude at Obstacle	1,980.06

RNAV (RNP) Y RWY 8, ORIG

FAROT – LITRE – GRRON

DO NOT REMOVE FROM PACKAGE

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:	1100
LTP Elevation:	29.2
Glidepath Angle:	3
TCH:	51
RNP Value:	0.30
Δ ISA:	-19.942

Straight In Segment

(Wingspan =<262) **LTP to Origin:**	3,657.21'
(Wingspan =<136) **LTP to Origin:**	3,450.28'
OCS Slope Ratio:	20.69 : 1

RF Turn Segment | Bank angle:	
(Wingspan =<262) **LTP to Origin:**	NA
(Wingspan =<136) **LTP to Origin:**	NA
OCS Slope Ratio:	NA

Version 2.0

VEB Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:		
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	29.20
TCH (ft)	51.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,657.21
Obstacle Distance (ft) *(measured along-track from LTP)*	39,918.49
VEB ROC *(at obstacle)*	**397**
Glidepath MSL altitude at Obstacle	2,210.42
OCS MSL altitude at Obstacle	1,813.31

RNAV (RNP) Y RWY 8, ORIG

AMXUQ - GRRDN

DO NOT REMOVE FROM PACKAGE

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:	1100
LTP Elevation:	29.2
Glidepath Angle:	3
TCH:	51
RNP Value:	0.30
Δ ISA:	-19.942

Straight In Segment	
(*Wingspan =<262*) LTP to Origin:	**3,657.21'**
(*Wingspan =<136*) LTP to Origin:	**3,450.28'**
OCS Slope Ratio:	**20.69 : 1**
RF Turn Segment | Bank angle:	
(*Wingspan =<262*) LTP to Origin:	**NA**
(*Wingspan =<136*) LTP to Origin:	**NA**
OCS Slope Ratio:	**NA**

Version 2.0

VEB Temperature Limits

Glidepath Angle:		
Max Glidepath Angle:		
PFAF Elevation:		
LTP Elevation:		
ACT:		
Min Glidepath Angle	#DIV/0!	
NA Below	#DIV/0!	#DIV/0!
NA Above	#DIV/0!	#DIV/0!

Intermediate Segment VEB ROC

Glidepath Angle	3.00°
LTP MSL Elevation	29.20
TCH (ft)	51.00
OCS Slope	20.69
OCS Origin Distance (ft) *(measured along-track from LTP)*	3,657.21
Obstacle Distance (ft) *(measured along-track from LTP)*	41,860.55
VEB ROC *(at obstacle)*	**405**
Glidepath MSL altitude at Obstacle	2,316.01
OCS MSL altitude at Obstacle	1,910.64

RNAV (RNP) Y RWY 8, ORIG

QIQGU - GRRDN