

WAYPOINT LIST (WGS84)

SIGANG ONE ALFA RNAV ARRIVAL
SIGANG ONE BRAVO RNAV ARRIVAL
TONGA ONE ALFA RNAV ARRIVAL
TONGA ONE BRAVO RNAV ARRIVAL

Waypoint Name	Latitude	Longitude
TONGA	231038.65N	1193527.96E
BOCCA	232846.24N	1194652.90E
ELBER	240641.81N	1201305.84E
TNN	230807.10N	1201222.30E
MEICH	234216.31N	1201627.02E
BRAVO	244027.24N	1203641.87E
JAMMY	245508.77N	1205109.37E
MAYOR	251211.75N	1211247.06E
JUNTA	251726.34N	1211927.85E
JUROR	252041.88N	1212337.15E
AUGUR	252358.15N	1212747.96E

Seq No	Path Terminator	Fix Identifier (Waypoint Name)	Fly Over	Course °M (°T)	Turn Direction	Altitude (ft)	Speed Limit(kt)	Vertical Angle	Navigation Specification
SIGANG ONE ALFA RNAV ARRIVAL									
01	IF	TNN	-	-	-	-	-	-	RNAV 1
02	TF	MEICH	-	010 (006.3)	-	+5000	-	-	RNAV 1
03	TF	BRAVO	-	022 (017.8)	-	+5000	-	-	RNAV 1
04	TF	JAMMY	-	046 (042.0)	-	+5000	-	-	RNAV 1
SIGANG ONE BRAVO RNAV ARRIVAL									
01	IF	TNN	-	-	-	-	-	-	RNAV 1
02	TF	MEICH	-	010 (006.3)	-	+5000	-	-	RNAV 1
03	TF	BRAVO	-	022 (017.8)	-	+5000	-	-	RNAV 1
04	TF	JAMMY	-	046 (042.0)	-	+5000	-	-	RNAV 1
05	TF	MAYOR	-	054 (049.2)	-	+5000	-	-	RNAV 1
06	TF	JUNTA	-	054 (049.2)	-	+4700	-	-	RNAV 1
07	TF	JUROR	-	054 (049.2)	-	+4700	-	-	RNAV 1
08	TF	AUGUR	-	054 (049.3)	-	+4700	-	-	RNAV 1
TONGA ONE ALFA RNAV ARRIVAL									
01	IF	TONGA	-	-	-	-	-	-	RNAV 1
02	TF	BOCCA	-	034 (030.2)	-	+11000	-	-	RNAV 1
03	TF	ELBER	-	037 (032.6)	-	+5000	-	-	RNAV 1
04	TF	BRAVO	-	037 (032.7)	-	+5000	-	-	RNAV 1
05	TF	JAMMY	-	046 (042.0)	-	+5000	-	-	RNAV 1
TONGA ONE BRAVO RNAV ARRIVAL									
01	IF	TONGA	-	-	-	-	-	-	RNAV 1
02	TF	BOCCA	-	034 (030.2)	-	+11000	-	-	RNAV 1
03	TF	ELBER	-	037 (032.6)	-	+5000	-	-	RNAV 1
04	TF	BRAVO	-	037 (032.7)	-	+5000	-	-	RNAV 1
05	TF	JAMMY	-	046 (042.0)	-	+5000	-	-	RNAV 1
06	TF	MAYOR	-	054 (049.2)	-	+5000	-	-	RNAV 1
07	TF	JUNTA	-	054 (049.2)	-	+4700	-	-	RNAV 1
08	TF	JUROR	-	054 (049.2)	-	+4700	-	-	RNAV 1
09	TF	AUGUR	-	054 (049.3)	-	+4700	-	-	RNAV 1

Sector	DME Gap	Critical DME
<i>SIGANG ONE ALFA RNAV ARRIVAL</i>		
TNN - MEICH	N	MKG, TNN
MEICH - BRAVO	N	MKG, TNN
BRAVO - JAMMY	N	APU, HLG
<i>SIGANG ONE BRAVO RNAV ARRIVAL</i>		
TNN - MEICH	N	MKG, TNN
MEICH - BRAVO	N	MKG, TNN
BRAVO - JAMMY	N	APU, HLG
JAMMY - MAYOR	N	APU, HLG
MAYOR - JUNTA	N	APU, HLG
JUNTA - JUROR	N	APU, HLG, NKN
JUROR - AUGUR	N	APU, HLG, NKN
<i>TONGA ONE ALFA RNAV ARRIVAL</i>		
TONGA - BOCCA	N	MKG, TNN
BOCCA - ELBER	N	MKG, TNN
ELBER - BRAVO	N	APU, HLG, MKG, TNN
BRAVO - JAMMY	N	APU, HLG
<i>TONGA ONE BRAVO RNAV ARRIVAL</i>		
TONGA - BOCCA	N	MKG, TNN
BOCCA - ELBER	N	MKG, TNN
ELBER - BRAVO	N	APU, HLG, MKG, TNN
BRAVO - JAMMY	N	APU, HLG
JAMMY - MAYOR	N	APU, HLG
MAYOR - JUNTA	N	APU, HLG
JUNTA - JUROR	N	APU, HLG, NKN
JUROR - AUGUR	N	APU, HLG, NKN

DME Gap: Y means gap EXIST, N means NO gap.