

## WAYPOINT LIST (WGS84)

**CHALI ONE ALFA RNAV DEPARTURE (RWY05R)**  
**CHALI ONE BRAVO RNAV DEPARTURE (RWY23L)**  
**CHALI ONE CHALI RNAV DEPARTURE (RWY05L)**  
**CHALI ONE DELTA RNAV DEPARTURE (RWY23R)**

Waypoint Name	Latitude	Longitude	Waypoint Name	Latitude	Longitude
TP050	250742.00N	1211712.00E	NOVAS	251730.00N	1210742.00E
TP060	250654.00N	1211736.00E	DECOY	251218.00N	1210106.00E
TP230	250218.00N	1211018.00E	SUMER	250800.00N	1205630.00E
TP240	250136.00N	1211048.00E	CHALI	244348.00N	1203030.00E

Seq No	Path Terminator	Fix Identifier (Waypoint Name)	Fly Over	Course °M (°T)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Vertical Angle	Nav Performance
<b>CHALI ONE ALFA RNAV DEPARTURE (RWY05R)</b>									
01	VA	-	-	054 (049.2)	-	+600	-210	-	RNAV 1
02	DF	TP060	Y	-	-	-	-210	-	RNAV 1
03	DF	NOVAS	-	-	-	-	-	-	RNAV 1
04	TF	DECOY	-	234 (229.1)	-	-	-	-	RNAV 1
05	TF	SUMER	-	229 (224.2)	-	+4000	-	-	RNAV 1
06	TF	CHALI	-	229 (224.3)	-	-	-	-	RNAV 1
<b>CHALI ONE BRAVO RNAV DEPARTURE (RWY23L)</b>									
01	VA	-	-	234 (229.2)	-	+600	-210	-	RNAV 1
02	DF	TP240	Y	-	-	-	-210	-	RNAV 1
03	DF	SUMER	-	-	-	+4000	-	-	RNAV 1
04	TF	CHALI	-	229 (224.3)	-	-	-	-	RNAV 1
<b>CHALI ONE CHALI RNAV DEPARTURE (RWY05L)</b>									
01	VA	-	-	054 (049.2)	-	+600	-210	-	RNAV 1
02	DF	TP050	Y	-	-	-	-210	-	RNAV 1
03	DF	NOVAS	-	-	-	-	-	-	RNAV 1
04	TF	DECOY	-	234 (229.1)	-	-	-	-	RNAV 1
05	TF	SUMER	-	229 (224.2)	-	+4000	-	-	RNAV 1
06	TF	CHALI	-	229 (224.3)	-	-	-	-	RNAV 1
<b>CHALI ONE DELTA RNAV DEPARTURE (RWY23R)</b>									
01	VA	-	-	234 (229.2)	-	+600	-210	-	RNAV 1
02	DF	TP230	Y	-	-	-	-210	-	RNAV 1
03	DF	SUMER	-	-	-	+4000	-	-	RNAV 1
04	TF	CHALI	-	229 (224.3)	-	-	-	-	RNAV 1

Sector	DME Gap	Critical DME
<b>CHALI ONE ALFA RNAV DEPARTURE (RWY05R)</b>		
RWY05R - TP060	Y	-
TP060 - NOVAS	N	APU, NKN
NOVAS - DECOY	N	APU, HLG
DECOY - SUMER	N	APU, HLG
SUMER - CHALI	N	APU, HLG
<b>CHALI ONE BRAVO RNAV DEPARTURE (RWY23L)</b>		
RWY23L - TP240	Y	-

TP240 - SUMER	N	APU, TSI
SUMER - CHALI	N	APU, HLG
<i>CHALI ONE CHALI RNAV DEPARTURE (RWY05L)</i>		
RWY05L - TP050	Y	-
TP050 - NOVAS	N	APU, NKN
NOVAS - DECOY	N	APU, HLG
DECOY - SUMER	N	APU, HLG
SUMER - CHALI	N	APU, HLG
<i>CHALI ONE DELTA RNAV DEPARTURE (RWY23R)</i>		
RWY23R - TP230	Y	-
TP230 - SUMER	N	APU, TSI
SUMER - CHALI	N	APU, HLG

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