

**STAR and Transition coding of RNP RWY 28****1. RNP 1 RWY 28: HOTUN ONE ECHO ARRIVAL (HOTUN 1E)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	HOTUN	-	-	+0.4	-	-	-2150	-	RNP 1
2	TF	PQ428	-	028 (027.3)	+0.4	27.7	-	1500	-	RNP 1

**ADBOP 1H TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	ADBOP	-	-	+0.4	-	-	-	-	RNP1
2	TF	TOTRA	-	359 (358.5)	+0.4	115.7	-	+FL140	-	RNP 1
3	TF	HOTUN	-	359 (358.5)	+0.4	29.4	-	-2150	-	RNP 1

**2. RNP 1 RWY 28: MINTU ONE BRAVO ARRIVAL (MINTU 1B)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	MINTU	-	-	+0.4	-	-	-	-	RNP 1
2	TF	PQ228	-	360 (360.0)	+0.4	21.6	-	1200	-	RNP 1

**ADBOP 1E TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	ADBOP	-	-	+0.4	-	-	-	-	RNP 1
2	TF	PQ999	-	010 (009.4)	+0.4	125.1	-	-	-	RNP 1
3	TF	PQ888	-	360 (360.0)	+0.4	29.5	L	-2150	-	RNP 1
4	TF	MINTU	-	360 (359.9)	+0.4	5.6	-	-	-	RNP 1

**3. RNP 1 RWY 28: NUMDI ONE ECHO ARRIVAL (NUMDI 1E)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	NUMDI	-	-	+0.4	-	-	+FL100	-	RNP 1
2	TF	PQ728	-	129 (129.0)	+0.4	27.3	-	+2750	-	RNP 1
3	TF	PQ528	-	096 (095.7)	+0.4	11.5	L	+2150	-	RNP 1
4	TF	PQ328	-	096 (095.7)	+0.4	12.5	-	1500	-	RNP 1

**4. RNP 1 RWY 28: OSOTA ONE ECHO ARRIVAL (OSOTA 1E)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	OSOTA	-	-	+0.4	-	-	-2150 +1850	-	RNP 1
2	TF	PQ328	-	195 (194.7)	+0.4	32.4	-	1500	-	RNP 1

**5. RNP 1 RWY 28: TIHAN ONE CHARLIE ARRIVAL (TIHAN 1C)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	Nav Spec
1	IF	TIHAN	-	-	+0.4	-	-	+1500	-	RNP 1
2	TF	PQ228	-	285 (284.5)	+0.4	9.5	-	1200	-	RNP 1