

**STAR and Transition coding of RNP RWY 27****1. RNP 1 RWY 27: HUTRO TWO CHARLIE ARRIVAL (HUTRO 2C)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	HUTRO	-	-	+1.0	-	-	+FL130	-	-	RNP 1
2	TF	PB405	-	067 (065.8)	+1.0	27.4	-	+2450	-	-	RNP 1
3	TF	PB403	-	094 (093.1)	+1.0	13.0	R	+1850	-	-	RNP 1
4	TF	PB402	-	094 (093.2)	+1.0	13.0	-	+1200	-	-	RNP 1

**2. RNP 1 RWY 27: BIPHU ONE ALPHA ARRIVAL (BIPHU 1A)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	BIPHU	-	-	+1.0	-	-	+1850	-	-	RNP 1
2	TF	PB402	-	162 (161.1)	+1.0	14.0	-	+1200	-	-	RNP 1

**HAMIN 1B TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	HAMIN	-	-	+1.0	-	-	-	-	-	RNP 1
2	TF	BIPHU	-	162 (161.1)	+1.0	58.8	-	+1850	-	-	RNP 1

**3. RNP 1 RWY 27: PHADE TWO ALPHA ARRIVAL (PHADE 2A)**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	PHADE	-	-	+1.0	-	-	+2450	-	-	RNP 1
2	TF	PB404	-	337 (335.5)	+1.0	15.4	-	+2450	-	-	RNP 1
3	TF	PB403	-	004 (003.2)	+1.0	25.9	R	+1850	-	-	RNP 1
4	TF	PB402	-	094 (093.2)	+1.0	13.0	R	+1200	-	-	RNP 1

**LATOM 1B TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	LATOM	-	-	+0.7	-	-	-	-	-	RNP 1
2	TF	NOCKA	-	021 (020.0)	+0.7	63.7	-	+FL100	-	-	RNP 1
3	TF	VIDAN	-	353 (352.0)	+0.7	37.1	L	-FL160	-	-	RNP 1
4	TF	PHADE	-	338 (337.2)	+1.0	48.4	L	+2450	-	-	RNP 1

**SADIN 1D TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	SADIN	-	-	+0.7	-	-	-	-	-	RNP 1
2	TF	NOCKA	-	340 (339.5)	+0.7	40.1	-	+FL100	-	-	RNP 1
3	TF	VIDAN	-	353 (352.0)	+0.7	37.1	R	-FL160	-	-	RNP 1
4	TF	PHADE	-	338 (337.2)	+1.0	48.4	L	+2450	-	-	RNP 1

**VILOT 1C TRANSITION**

Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed (km/h)	VPA/TCH	Nav Spec
1	IF	VILOT	-	-	+0.7	-	-	-	-	-	RNP 1
2	TF	NOCKA	-	351 (350.6)	+0.7	42.7	-	+FL100	-	-	RNP 1
3	TF	VIDAN	-	353 (352.0)	+0.7	37.1	R	-FL160	-	-	RNP 1
4	TF	PHADE	-	338 (337.2)	+1.0	48.4	L	+2450	-	-	RNP 1