

## ENR 3. ATS ROUTES

### ENR 3.1 ATS ROUTES

Route Designator (RNP type) Name of Significant Points Coordinates	Tracks (Mag) Distance	Upper limit Lower limit MFA Airspace classification	Lateral Limits (NM)	Direction of cruising levels		Remarks/ Controlling Unit & Frequency		
				Odd	Even			
<b>B345</b>								
▲ NONIM 275000 N 0872600 E	<u>202°/022°</u> 34 NM	<u>FL 460</u> FL 250 FL 250 Class C	10 NM	↑	↓	For Kathmandu/Lhasa/ Kathmandu bidirectional International ATS Route Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7 MHZ *1. Incoming A/C to Kathmandu may descend to 13,500' after crossing 40DME from 'KTM' *2. Outbound A/C from Kathmandu must reach FL170 at or before 40DME from 'KTM'		
▲ TUMLI 271859 E 0871143 E	<u>282°/102°</u> 51 NM	<u>FL 460</u> FL 170 FL 170* Class C						
▲ KIMTI 272948 N 0861604 E	<u>282°/102°</u> 50 NM							
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>270°/090°</u> 49 NM							
▲ NARAN 274046 E 0842547 E	<u>258°/078°</u> 54 NM	<u>FL 460</u> 10500 ft 10500 ft Class C					Kathmandu-NARAN- Bhairahawa bi-directional International ATS Route.	
▲ BHAIRAHAWA VOR (BWA) 273002 N 0832623E	<u>252°/072°</u> 14 NM							
▲ LUMSI 272539 N 0831103 E	<u>252°/072°</u> 130 NM							Kathmandu ACC Pri- mary Freq. 126.5 MHZ , Secondary Freq. 124.7 MHZ
▲ LUCKNOW VOR (LKN) 264535 N 0805207 E								↓
<b>G 598</b>								
▲ LUCKNOW VOR (LKN) 264535 N 0805207 E	<u>084°/264°</u> 204 NM			↓		For International flights, INBOUND ONLY Terminates over SMR: SIMARA-KATHMANDU Follow G-336 Kath- mandu ACC Primary Freq: 126.5 MHZ, Secondary Freq. 124.7 MHZ		
▲ PARSA 270822 N 0843954 E	<u>085°/265°</u> 17 NM							
▲ SIMARA VOR (SMR) 270951 N 0845856 E		<u>FL 460</u> 10500 ft 10500 ft Class C						

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<b>G 336</b>						
▲ PATNA VOR (PPT) 253455 N 0850519 E	<u>357°/177°</u> 79 NM	FL 460 11500' 11500' Class C	20 NM		↓	For International Flights INBOUND ONLY from PATNA Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7MHZ
▲ BIPOB 265355 N 0850030 E	<u>355°/175°</u> 16NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E	<u>033°/213°</u> 36 NM			↑	↓	For International Flights Kathmandu- Simara- Kathmandu bi-directional Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7MHZ
▲ KATHMANDU VOR (KTM) 274025N 0852055 E						
<b>G 335</b>						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>103°/283°</u> 6 NM	FL 460 12000' 12000' Class C	10 NM	↓		For international flight, OUT- BOUND ONLY. Kathmandu ACC Primary Freq. Freq: 126.5 MHZ, Secondary Freq. 124.7MHZ
▲ LOCATOR NALINCHOWK (LNC) 273901 N 0852754 E	<u>157°/337°</u> 46 NM					
▲ LALBA 265650 N 0854823 E	<u>156°/336°</u> 15 NM					
▲ SEETA 264244 N 0855518 E	<u>214°/034°</u> 5 NM					
▲ LALEK 263810 N 0855151 E	<u>215°/035°</u> 74 NM					
▲ PATNA VOR (PPT) 253455 N 0850519 E						

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<b>G 463</b>						
▲ MONDA 252100 N 0862600 E	<u>324°/144°</u> 72 NM	F 460 11500' 11500' Class C	10 NM			INBOUND ONLY Terminates over SIMARA For Simara-Kath- mandu Follow G-336 Kathmandu ACC Primary Freq.- 126.5 MHZ Secondary Freq. 124.7 MHZ
▲ IPLAS 261900 N 0853900 E	<u>325°/145°</u> 31 NM					
▲ GOVKO 264446 N 0851852 E	<u>326°/146°</u> 22 NM					
▲ ROMEO 270312 N 0850408 E	<u>326°/146°</u> 8 NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E						
<b>G 590</b>						
▲ VARANASI VOR (BBN) 252712 N 0825151 E	<u>048°/228°</u> 33 NM	F 460 11500' 11500' Class C	10 NM			FOR BOTHWAY Terminates over SMR. SMR-KTM Follow G 336 Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7 MHZ
▲ RISPA 254900 N 0831900 E	<u>048°/228°</u> 106 NM					
▲ OMUPA 270001 N 0844716 E	<u>047°/227°</u> 14 NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E						

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				Odd	Even	
<b>R 325</b>						
▲ KATHMANDU VOR 'KTM' 274025 N 0852055 E	<u>103°/283°</u> 6 NM	FL 460 12000' 12000' Class C	10 NM	↓		For International Flights OUTBOUND ONLY Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7MHZ
▲ LOCATOR NALINCHOWK (LNC) 273901 N 0852754 E	<u>157°/337°</u> 46 NM					
▲ LALBA 265650 N 0854823 E	<u>156°/336°</u> 15 NM					
▲ SEETA 264244 N 0855518 E	<u>152°/332°</u> 4 NM					
▲ KABEM 263912 N 0855724 E	<u>154°/334°</u> 96 NM					
▲ SALOR 251300 N 0864400 E						
<b>R344</b>						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>125°/305°</u> 50 NM	FL 460 11500' 11500' Class C	10 NM	↓		For International Flights OUTBOUND ONLY For INBOUND, prior permission required for International Flights. Kathmandu ACC Primary Freq. 126.5 MHZ, Sec- ondary Freq. 124.7MHZ
▲ AHALE 271148 N 0860705 E	<u>125°/305°</u> 35 NM					
▲ CHURE 265148 N 0863907 E	<u>125°/ 305°</u> 40 NM	FL 460 10500' 10500' Class C				
▲ BIRATNAGAR VOR (BRT) 262858 N 0871458E	<u>164°/344°</u> 8 NM					
▲ BIRAT 262110 N 0871815 E	<u>164°/344°</u> 49 NM					
▲ KATI HAR NDB (KH) 253400 N 0873330 E						

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<b>G348</b>						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>102°/282°</u> 50 NM	FL 460 FL170 FL170* Class C	10 NM	↓	↑	Kathmandu ACC Pri- mary Freq. 126.5 MHZ , Secondary Freq. 124.7 MHZ *1. Incoming A/C to Kathmandu may descend to 13,500' after crossing 40DME from 'KTM' *2. Outbound A/C from Kathmandu must reach FL170 at or before 40DME from 'KTM'
▲ KIMTI 272948 N 0861604 E	<u>102°/282°</u> 51 NM					
▲ TUMLI 271859 E 0871143 E	<u>122°/302°</u> 62 NM					
▲ METOM 264605 N 0881055 E	<u>122°/302°</u> 9 NM					
▲ BAGDORA VOR (BBD) 264118 N 0881936 E						
<b>R581</b>						
▲ CALCUTTA VOR (CEA) 224403 N 0882749 E	<u>328°/148°</u> 110 NM				↓	INBOUND ONLY terminates over SIMARA
▲ DUMKA 241100 N 0872100 E	<u>325°/145°</u> 86 NM					
▲ MONDA 252100 N 0862600 E	<u>324°/144°</u> 72 NM					
▲ IPLAS 261900 N 0853900 E	<u>325°/145°</u> 31 NM					
▲ GOVKO 264446 N 0851852 E	<u>326°/146°</u> 22 NM	FL 460 11500' 11500' Class C	20 NM		↓	FOR SIMARA- KATHMANDU. Fol- low G-336 KATH ACC Primary Freq: 126.5 MHZ, Secondary Freq. 124.7 MHZ
▲ ROMEO 270312 N 0850408 E	<u>326°/146°</u> 8 NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E						