

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	
B345						
▲ NONIM 275000 N 0872600 E	<u>202°/022°</u> 34 NM	FL 460 FL 240 FL 250 Class C	10 NM	↑	↓	For Kathmandu/Lhasa/ Kathmandu bi-directional International ATS Route Kathmandu ACC Primary Freq. 126.5 MHZ, Sec- ondary Freq. 124.7 MHZ *1. Incoming A/C to Kathmandu may descend to 13,500' af- ter crossing 40DME from 'KTM' *2. Outbound A/C from Kathmandu must reach FL170 at or be- fore 40DME from 'KTM'
▲ TUMLI 271859 E 0871143 E	<u>282°/102°</u> 51 NM	FL 460 FL 160 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>259°/079°</u> 54 NM	FL 460 9500 ft 10500 ft Class C				
▲ BHAIRAHAWA VOR (BWA) 273012 N 0832558E	<u>251°/071°</u> 14 NM					
▲ LUMBI 272539 N 0831103 E	<u>252°/072°</u> 130 NM					
▲ LUCKNOW VOR (LLK) 264535 N 0805207 E						
G 598						
▲ LUCKNOW VOR (LLK) 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
▲ PARSА 270822 N 0843954 E	<u>085°/265°</u> 17 NM	FL 460 9500 ft 10500 ft Class C				
▲ SIMARA VOR (SMR) 270951 N 0845856 E						

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G 336						
▲ PATNA VOR (PPT) 253455 N 0850519 E	<u>357°/177°</u> 79 NM	FL 460 10500' 11500' Class C	20 NM		↓	For International Flights INBOUND ONLY (Except Kathmandu- Varanasi) Kathmandu ACC Primary Freq. 126.5 MHZ, Secondary Freq. 124.7MHZ
▲ BIRGA 265355 N 0850030 E	<u>355°/175°</u> 16NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E	<u>033°/213°</u> 36 NM					
▲ KATHMANDU VOR (KTM) 274025N 0852055 E						
G 335						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>103°/283°</u> 6 NM	FL 460 11000' 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					
▲ JALES 263810 N 0855151 E	<u>215°/035°</u> 74 NM					
▲ PATNA VOR (PPT) 253455 N 0850519 E						

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G 463						
▲ MONDA 252100 N 0862600 E	<u>324°/144°</u> 72 NM	F 460 10500' 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					
▲ GAURA 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						
G 590						
▲ VARANASI VOR (BBN) 252712 N 0825151 E	<u>048°/228°</u> 33 NM	F 460 10500' 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	
R 325						
▲ KATHMANDU VOR 'KTM' 274025 N 0852055 E	<u>103°/283°</u> 6 NM	FL 460 11000' 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					
▲ JANAK 263912 N 0855724 E	<u>154°/334°</u> 96 NM					
▲ SALOR 251300 N 0864400 E						
R344						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	<u>125°/305°</u> 50 NM	FL 460 10500' 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 9500' 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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G348						
▲ KATHMANDU VOR (KTM) 274025 N 0852055 E	$\frac{102^\circ}{282^\circ}$ 50 NM	FL 460 FL160 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	$\frac{102^\circ}{282^\circ}$ 51 NM					
▲ TUMLI 271859 E 0871143 E	$\frac{122^\circ}{302^\circ}$ 62 NM					
▲ MECHI 264605 N 0881055 E	$\frac{122^\circ}{302^\circ}$ 9 NM					
▲ BAGDORA VOR (BBD) 264118 N 0881936 E						
R581						
▲ CALCUTTA VOR (CEA) 224403 N 0882749 E	$\frac{328^\circ}{148^\circ}$ 110 NM				↓	INBOUND ONLY terminates over SIMARA
▲ DUMKA 241100 N 0872100 E	$\frac{325^\circ}{145^\circ}$ 86 NM					
▲ MONDA 252100 N 0862600 E	$\frac{324^\circ}{144^\circ}$ 72 NM					
▲ IPLAS 261900 N 0853900 E	$\frac{325^\circ}{145^\circ}$ 31 NM					
▲ GAURA 264446 N 0851852 E	$\frac{326^\circ}{146^\circ}$ 22 NM	FL 460 10500' 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	$\frac{326^\circ}{146^\circ}$ 8 NM					
▲ SIMARA VOR (SMR) 270951 N 0845856 E						