

ENR 3.2 UPPER ATS ROUTES

Route designator Name of significant points Coordinates	Track MAG Rev Track MAG Length (NM)	Upper limit Lower limit Airspace class	Later- al lim- its (NM)	Direction of cruising levels		RNP Type	Remarks
				Odd	Even		
1	2	3	4	5		6	7
UB528							
▲APDAR 14°02'00"S 022°00'000"E							
	<div>145°</div> <div>325°</div> <div>29 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with Lusaka AREA CTRL FREQ. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲APKUS 14°25'00"S 022°19'00"E							
	<div>139°</div> <div>319°</div> <div>76 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with Lusaka AREA CTRL FREQ. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲NIBEG 15°18'44"S 023°14'47"E							
	<div>141°</div> <div>322°</div> <div>177 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with AREA CTRL FREQ. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲IMVES 17°25'17"S 025°23'23"E							
	<div>140°</div> <div>321°</div> <div>34 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with ATC in these airspaces. Livingstone Approach available as a relay station.

Route designator Name of significant points Coordinates	Track MAG Rev Track MAG Length (NM)	Upper limit Lower limit Airspace class	Lateral limits (NM)	Direction of cruising levels		RNP Type	Remarks
				Odd	Even		
1	2	3	4	5		6	7
							Lusaka Control Frequency 120.500Mhz 124.300Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲ HARRY MWAANGA NKUMBULA VOR/DME 'VLI' 17°48'45"S 025°49'12"E							
Two-way radio contact to be maintained with Area Control. Lusaka Control Freq:- 120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz							