

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
UL431							
▲ GIPVO 11°40'00"S 033°18'00"E							
	<div>237°</div> <div>057°</div> <div>52 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲ ETOLI 12°11'30"S 032°35'18"E							
	<div>234°</div> <div>055°</div> <div>70 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
△ ABVMF 12°56'00"S 031°40'00"E							
	<div>239°</div> <div>060°</div> <div>23 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↑	↓		120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz
△ IMLUP 13°08'53"S 031°21'05"E							
	<div>236°</div> <div>057°</div> <div>65 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↑	↓		120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz

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	
Δ APGIK 13°49'12"S 030°28'18"E							
	<div>237°</div> <div>059°</div> <div>150 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		<div>↑</div>	<div>↓</div>		Two-way radio contact to be maintained with AREA CTRL FREQ and Lusaka APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 121.300Mhz
▲ LUSAKA VOR/DME 'VLS' 15°19'41"S 028°25'15"E							