

## 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	Lateral limits (NM)	Direction of cruising levels		RNP Type	Remarks
				Odd	Even		
1	2	3	4	5		6	7
UR984							
▲KENOT 08°34'48"S 029°39'42"E							
	<div>139°</div> <div>321°</div> <div>131 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with ATC in these airspaces. Lusaka Control Frequency. 120.500Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲KASAMA NDB 'KS' 10°12'59"S 031°08'22"E							
	<div>147°</div> <div>327°</div> <div>65 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with ATC in these airspaces. Lusaka Control Frequency. 120.500Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲APGEL 11°05'42"S 031°47'00"E							
	<div>147°</div> <div>328°</div> <div>81 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		↓	↑		Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available HJ as a relay station. Lusaka Control Frequency. 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲ETOLI 12°11'30"S 032°35'18"E							

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
	<div>148°</div> <div>328°</div> <div>40 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		<div>↓</div>	<div>↑</div>		Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available HJ as a relay station. Lusaka Control Frequency. 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲TIBAK 12°44'00"S 032°59'24"E							
Two-way radio contact to be maintained with area control Lusaka Control Frequency:- 120.500Mhz							