

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
UB530							
▲NDOLA VOR/DME 'VND' 12°59'53"S 028°40'00"E							
	<div>046°</div> <div>224°</div> <div>221 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. Ndola Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.000Mhz 8888.0Khz 8873.0Khz 6586.0Khz
▲KASAMA NDB 'KS' 10°12'59"S 031°08'22"E							
	<div>063°</div> <div>242°</div> <div>110 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		<div>↓</div>	<div>↑</div>		Two-way radio contact to be maintained with Lusaka AREA CTRL FREQ. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲UTEMA 09°17'49"S 032°45'08"E							
	<div>063°</div> <div>243°</div> <div>48 NM</div>	<div>UNL</div> <div>FL245</div> <div>Class A</div>		<div>↓</div>	<div>↑</div>		Two-way radio contact to be maintained with Lusaka AREA CTRL FREQ. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲MBEYA NDB 'MB' 08°55'34"S 033°27'27"E							

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				Odd	Even		
1	2	3	4	5		6	7
Two-way radio contact to be maintained with ATS in these airspace Ndola Approach Kasama /Mansa information available as relay stations Lusaka Control Frequency: 120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz							