

## 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
UR525							
▲KAOMA NDB 'KO' 14°47'08"S 024°47'24"E							
	<div>124°</div> <div>302°</div> <div>76 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 Control Mongu information available as a relay station. Lusaka Control Freq. 120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz
▲IXATA 15°22'24"S 025°56'49"E							
	<div>122°</div> <div>302°</div> <div>45 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 Control Lusaka Control Freq. 120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz
▲EVOLU 15°42'42"S 026°38'18"E							
	<div>124°</div> <div>305°</div> <div>46 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. 121.300Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲IBGOT 16°04'42"S 027°19'50"E							
	<div>123°</div> <div>303°</div>	<div>UNL</div> <div>FL245</div>		<div>↓</div>	<div>↑</div>		Two-way radio contact to be maintained

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				Odd	Even		
1	2	3	4	5		6	7
	51 NM	Class A					with AREA CTRL FREQ and Lusaka APPROACH. 121.300Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲ETLUN 16°28'00"S 028°07'00"E							
	<div>122° 302° 23 NM</div>	<div>UNL FL245 Class A</div>		<div>↓</div>	<div>↑</div>		Two-way radio contact to be maintained with AREA CTRL FREQ and Lusaka APPROACH. 121.300Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲RETAR 16°37'47"S 028°28'18"E							
UR525 is also a contingency route							