

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
UP312							
▲MBEYA NDB 'MB' 08°55'22"S 033°27'29"E							
	<div>196°</div> <div>016°</div> <div>25 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 MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲IBROP 09°19'24"S 033°21'16"E							
	<div>196°</div> <div>017°</div> <div>10 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 MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲APKOL 09°29'16"S 033°18'44"E							
	<div>197°</div> <div>019°</div> <div>167 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 MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲ETOLI 12°11'30"S 032°35'18"E							

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				Odd	Even		
1	2	3	4	5		6	7
	196° 017° 73 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲ADMIS 13°22'52"S 032°19'15"E							
	200° 020° 12 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲UDPIX 13°34'42"S 032°16'00"E							
	199° 020° 49 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲TEVAS 14°22'18"S 032°03'30"E							
UP312 is also a contingency route							