

## ENR 3.1 LOWER ATS ROUTES

Route designator Name of sig- nificant points Coordinates	Track MAG Rev Track MAG Length (NM)	Upper limit Lower limit MEA Airspace class	Later- al lim- its (NM) MOCA	Direc- tion of cruising levels		RNP Type	Remarks
				Odd	Even		
1	2	3	4	5		6	7
R782							
▲LABON 13°40'00"S 032°48'00"E							
	253° 073° 67 NM	FL245 FL145 Class A FL145 FL075 Class C		↑	↓		
▲IXALU 14°04'48"S 031°44'00"E							
	253° 074° 63 NM	FL245 FL145 Class A FL145 FL075 Class C		↑	↓		
▲NESAK 14°27'48"S 030°44'00"E							
	254° 074° 88 NM	FL245 FL145 Class A FL145 FL075 Class C		↑	↓		
▲IBNOP 14°59'36"S 029°19'18"E							
	254° 074° 31 NM	FL245 FL145 Class A		↑	↓		

Route designator Name of significant points Coordinates	Track MAG Rev Track MAG Length (NM)	Upper limit Lower limit MEA Airspace class	Lateral limits (NM) MOCA	Direction of cruising levels		RNP Type	Remarks
				Odd	Even		
1	2	3	4	5		6	7
		FL145 FL075 Class C					
▲ CTR BDRY 15°10'42"S 028°49'24"E							
	254° 075° 25 NM	FL245 FL145 Class A FL145 FL075 Class C		↑	↓		
▲ KENNETH KAUNDA VOR/DME 'VLS' 15°19'41"S 028°25'15"E							
Two-way radio contact to be maintained with ATC and Mfuwe information available as relay station in these airspaces. Lusaka Control. Frequency: 120.500Mhz 8888.0Khz 6586.0Khz 6952.0Khz							