

## ENR 3.1 LOWER ATS ROUTES

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
G655							
▲MOTAM 12°00'000"S 027°35'48"E							
	169° 350° 55 NM	FL245 FL145 Class A FL145 FL075 Class C		↓	↑		
▲EGPAK 12°54'06"S 027°49'06"E							
	170° 351° 109 NM	FL245 FL145 Class A FL145 FL075 Class C		↓	↑		
▲CTR BDRY 14°40'36"S 028°15'24"E							
	171° 352° 42 NM	FL245 FL145 Class A FL145 GND Class C	10	↓	↑		Two-way radio contact to be maintained with ATC unit Ndola Approach 120.000Mhz Lusaka Approach 121.300Mhz
▲LUSAKA VOR/DME 'VLS' 15°19'41"S 028°25'15"E							
	184° 004°	FL245 FL145		↑	↓		

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
	25 NM	Class A FL145 GND Class C					
▲ CTR BDRY 15°44'42"S 028°26'12"E							
	183° 004° 25 NM	FL245 FL145 Class A FL145 GND Class C		↑	↓		
▲ TMA BDRY 16°09'48"S 028°27'12"E							
	184° 005° 28 NM	FL245 FL145 Class A FL145 GND Class C FL075 GND Class G		↑	↓		
▲ RETAR 16°37'47"S 028°28'18"E							
Two-way radio contact to be maintained with ATC unit Ndola Approach available as a relay station. No IFR flights below FL 075 in these airspaces. Lusaka Control frequency: 120.500Mhz 6589.0Khz 8888.0Khz. For continuation See AIP below.							