

## 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
G652							
▲UDNOR 11°33'55"S 023°56'57"E							
	<div>120°</div> <div>301°</div> <div>193 NM</div>	<div>FL245</div> <div>FL145</div> <div>Class A</div> <div>FL145</div> <div>FL075</div> <div>Class G</div>	10	↓	↑		Two-way radio contact to be maintained with ATC in these airspace Solwezi Approach Freq 123.925Mhz as a relay station. Lusaka Control Frequency 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲NIDOS 13°04'00"S 026°51'06"E							
	<div>149°</div> <div>329°</div> <div>85 NM</div>	<div>FL245</div> <div>FL145</div> <div>Class A</div> <div>FL145</div> <div>FL075</div> <div>Class C</div>	10	↓	↑		Two-way radio contact to be maintained with ATC in these airspace Solwezi Approach Freq 123.925MHz as a relay station. Lusaka Control Frequency 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲AVUPA 14°14'00"S 027°41'00"E							
	<div>151°</div> <div>332°</div> <div>78 NM</div>	<div>FL245</div> <div>FL145</div> <div>Class A</div> <div>FL145</div>	10	↓	↑		Two-way radio contact to be maintained with Lusaka Approach Control.

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				Odd	Even		
1	2	3	4	5		6	7
		FL075 Class C					Lusaka Approach. Frequency: 121.300Mhz SOLWEZI AP- PROACH FREQ 123.925Mhz
▲KENNETH KAUN- DA VOR/DME 'VLS' 15°19'41"S 028°25'15"E							
	143° 322° 25 NM	FL245 FL145 Class A FL145 FL075 Class C	10	↓	↑		Two-way radio contact to be maintained with Lusaka Approach Control. Lusaka Approach. Frequency: 121.300Mhz
▲VLS08 15°37'50"S 028°43'01"E							
	142° 322° 26 NM	FL245 FL145 Class A FL145 FL075 Class C	10	↓	↑		Two-way radio contact to be maintained with Lusaka Approach Control. Lusaka Approach. Frequency: 121.300Mhz
▲GADBA 15°56'03"S 029°00'53"E							