

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
A400							
▲ EGSUD 13°06'36"S 022°00'000"E							
	125° 306° 154 NM	FL245 FL145 Class A FL145 FL075 Class C	10	↓	↑		Two-way radio con- tact to be maintained with Inf.Ser LSK CTRL FREQ. 8888.0Khz 8873.0Khz 6952.0Khz 120.500Mhz
Δ GEXAG 14°28'07"S 024°14'04"E							
	125° 307° 38 NM	FL245 FL145 Class A FL145 FL075 Class C	10	↓	↑		Two-way radio con- tact to be maintained with Inf.Ser LSK CTRL FREQ. 8888.0Khz 8873.0Khz 6952.0Khz 120.500Mhz
▲ KAOMA NDB 'KO' 14°47'08"S 024°47'24"E							
	125° 303° 76 NM	FL245 FL145 Class A FL145 FL075 Class G	10	↓	↑		Two-way radio con- tact to be maintained with Area Ctrl LSK CTRL FREQ. 120.500mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲ IXATA 15°22'24"S 025°56'49"E							
	122° 302°	FL145	10	↓	↑		Two-way radio con- tact to be maintained with

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
	45 NM	FL075 Class C					LUSAKA AP- PROACH FREQ. 121.300mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲EVOLU 15°42'42"S 026°38'18"E							
	084° 264° 56 NM	FL245 FL145 Class A FL145 FL075 Class C	10	↓	↑		Two-way radio contact to be maintained with Area Ctrl LSK CTRL FREQ. 120.500mhz LUSAKA AP- PROACH FREQ. 121.300mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲ETBOM 15°31'25"S 027°34'56"E							
	082° 262° 50 NM	FL245 FL145 Class A FL145 FL075 Class C FL075 GND Class G	10				Two-way radio contact to be maintained with LUSAKA AP- PROACH FREQ. 121.300mhz 8888.0Khz 8873.0Khz 6952.0Khz
▲KENNETH KAUNDA VOR/DME 'VLS' 15°19'41"S 028°25'15"E							
	100° 280° 51 NM	FL245 FL145 Class A FL145	10	↓	↑		LUSAKA AP- PROACH FREQ. 121.300mhz

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
		FL075 Class C <hr/> GND Class G					Two-way radio contact to be maintained with Area Ctrl FREQ. 120.500mhz
▲TIMAX 15°23'24"S 029°17'36"E							
	099° <hr/> 279° 63 NM	FL245 <hr/> FL145 Class A FL145 <hr/> FL075 Class C FL075 <hr/> GND Class G	10				LUSAKA AP-PROACH FREQ. 121.300mhz Two-way radio contact to be maintained with Area Ctrl FREQ. 120.500mhz
▲KEPOK 15°27'00"S 030°23'00"E							

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