

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 | Lateral limits (NM) | Direction of cruising levels | | RNP Type | Remarks |
|---|--|--|---------------------|------------------------------|--------------|----------|--|
| | | | | Odd | Even | | |
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 |
| UG656 | | | | | | | |
| ▲MBEYA NDB 'MB' 08°55'22"S 033°27'29"E | | | | | | | |
| | <div>178°</div> <div>358°</div> <div>21 NM</div> | <div>UNL</div> <div>FL145</div> <div>Class A</div> | | <div>↓</div> | <div>↑</div> | | Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz |
| ▲ITBEX 09°16'20"S 033°28'47"E | | | | | | | |
| | <div>178°</div> <div>359°</div> <div>21 NM</div> | <div>UNL</div> <div>FL145</div> <div>Class A</div> | | <div>↓</div> | <div>↑</div> | | Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz |
| ▲OVANA 09°37'00"S 033°30'000"E | | | | | | | |
| | <div>178°</div> <div>359°</div> <div>65 NM</div> | <div>UNL</div> <div>FL145</div> <div>Class A</div> | | <div>↓</div> | <div>↑</div> | | Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.700Mhz 8888.0Khz |

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|---|--|--|---------------------|------------------------------|------|----------|---|
| | | | | Odd | Even | | |
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 |
| | | | | | | | 8873.0Khz 6586.0Khz |
| ▲MEKRO 10°44'20"S 033°35'00"E | | | | | | | |
| | 182° 360° 43 NM | UNL FL145 Class A | | ↑ | ↓ | | Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz |
| ▲UTALA 11°22'12"S 033°37'54"E | | | | | | | |
| | 183° 360° 6 NM | UNL FL145 Class A | | ↑ | ↓ | | Two-way radio contact to be maintained with ATC in these airspaces. Mfuwe Approach available as a relay station. Lusaka Control Frequency 120.500Mhz 120.700Mhz 8888.0Khz 8873.0Khz 6586.0Khz |
| ▲ANTOP 11°30'00"S 033°38'30"E | | | | | | | |