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
UP312							
▲MBEYA NDB 'MB' 08°55'34"S 033°27'27"E							
	196° 016° 25 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲IBROP 09°19'24"S 033°21'16"E							
	196° 017° 10 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲APKOL 09°29'16"S 033°18'44"E							
	197° 019° 167 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲ETOLI 12°11'30"S 032°35'18"E							

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
	196° 017° 73 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲ADMIS 13°22'52"S 032°19'15"E							
	200° 020° 12 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲UDPIX 13°34'42"S 032°16'00"E							
	199° 020° 49 NM	UNL FL245 Class A		↑	↓		Two-way radio contact to be maintained with AREA CTRL FREQ and MFUWE APPROACH. 120.500Mhz 8888.0Khz 8873.0Khz 6952.0Khz 120.700Mhz
▲TEVAS 14°22'18"S 032°03'30"E							
UP312 is a contingency route							