



ENR 3.2 UPPER ATS ROUTES

Route designator Name of significant points Coordinates	Route MAG	Upper limit Lower limit	Lateral limits NM	Direction of cruising levels		Remarks Controlling unit Frequency SATVOICE Logon address
	Track MAG DIST	Classification		Odd	Even	
1	2	3	4	5		6
UA402						
▲CAPE TOWN INTERNATIONAL AIRPORT (CTV) VOR/DME 335810.82S 0183618.19E						
	126° 306° 44 NM	EL 280 FL 245 Class A	10	↓	↑	
▲CALEDON (CDV) VOR 340646.68S 0192840.39E						
	113° 293° 145 NM	EL 280 FL 245 Class A	10	↓	↑	
▲GEORGE AIRPORT (GRV) VOR/DME 340026.46S 0222233.46E						
	117° 296° 161 NM	EL 280 FL 245 Class A	10	↓	↑	
▲CHIEF DAWID STUURMAN AIRPORT (PEV) VOR/DME 335933.01S 0253620.75E						
	091° 270° 125 NM	EL 280 FL 245 Class A	10	↓	↑	
▲KING PHALO AIRPORT (ELV) VOR/DME 330213.16S 0274923.36E						
	073° 251° 121 NM	EL 280 FL 245 Class A	10	↓	↑	
▲PORT ST JOHNS (PJV) VOR 313631.96S 0293111.49E						FAJA/FACA FIR BDRY
	062° 240° 96 NM	EL 280 FL 245 Class A	10	↓	↑	

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▲OKTAN 301758.32S 0303453.34E						
	060° 239° 50 NM	FL 280 FL 245 Class A	10	↓	↑	
▲KING SHAKA (TGV) VOR/DME 293640.20S 0310729.03E						
	117° 297° 50 NM	FL 460 FL 280 Class A	10	↓	↑	
▲EVIDO 293844.82S 0320448.90E						
	094° 273° 59 NM	FL 460 FL 280 Class A	10	↓	↑	
▲ESRET 291639.66S 0330805.46E						
	095° 275° 72 NM	FL 460 FL 280 Class A	10	↓	↑	
▲APLUK 285213.00S 0342532.00E						FAJA/FAJO FIR BDRY
	095° 274° 85 NM	FL 460 FL 280 Class A	10	↓	↑	
▲ETMOS 282224.00S 0355618.00E						FAJO/FQBE FIR BDRY

UA405						
▲GREEFSWALD (GWV) VOR 221444.60S 0292437.21E						FAJA/FVHF FIR BDRY
	215° 038° 124 NM	FL 280 FL 245 Class A	10	↑	↓	
▲GABNA 241000.00S 0283400.00E						
	219° 041° 99 NM	FL 280 FL 245 Class A	10	↑	↓	
▲UTRUK 254032.98S 0274957.29E						



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	207° 028° 51 NM	EL 280 FL 245 Class A	10	↑	↓	
▲GRASMERE (GAV) VOR 263053.63S 0274035.17E						
	248° 069° 135 NM	EL 280 FL 245 Class A	10	↑	↓	
▲EKBEX 280039.10S 0254723.96E						
	249° 069° 28 NM	EL 280 FL 245 Class A	10	↑	↓	
▲APDUR 281919.65S 0252312.80E						
	249° 070° 44 NM	EL 280 FL 245 Class A	10	↑	↓	
▲KIMBERLEY AIRPORT (KYV) VOR/DME 284759.82S 0244537.32E						
	229° 052° 162 NM	EL 280 FL 245 Class A	10	↑	↓	
▲EGRUP 311005.95S 0231539.78E						FAJA/FACA FIR BDRY
	233° 053° 16 NM	EL 280 FL 245 Class A	10	↑	↓	
▲VICTORIA WEST (VWV) VOR 312349.00S 0230632.00E						
	269° 088° 142 NM	EL 280 FL 245 Class A	10	↑	↓	
▲SUTHERLAND (SLV) VOR 322700.00S 0203721.00E						
	255° 076° 77 NM	EL 280 FL 245 Class A	10	↑	↓	
▲CERES (CSV) VOR/DME 331508.27S 0192617.22E						

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	248° 069° 60 NM	EL 280 FL 245 Class A	10	↑	↓	
▲CAPE TOWN INTERNATIONAL AIRPORT (CTV) VOR/DME 335810.82S 0183618.19E						

UG465						
▲OKTEL 280753.81S 0150000.00E						FAJA/FAJO FIR BDRY
	127° 306° 85 NM	EL 280 FL 245 Class A	10	↓	↑	
▲ALEXANDER BAY (ABV) VOR/DME 283414.35S 0163201.80E						
	108° 286° 236 NM	EL 280 FL 245 Class A	10	↓	↑	
▲IBVIT 282453.62S 0210000.44E						
	106° 286° 14 NM	EL 280 FL 245 Class A	10	↓	↑	
▲UPINGTON AIRPORT (UPV) VOR/DME 282406.31S 0211537.48E						
	083° 263° 103 NM	EL 280 FL 245 Class A	10	↓	↑	
▲SISHEN (SSV) VOR/DME 273907.83S 0230010.99E						
	087° 266° 283 NM	EL 280 FL 245 Class A	10	↓	↑	
▲LANSERIA AIRPORT (LIV) VOR/DME 255656.14S 0275448.86E						
	102° 281° 70 NM	EL 280 FL 245 Class A	10	↓	↑	



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▲WITBANK (WIV) VOR 254946.29S 0291141.13E						
	059° 240° 95 NM	FL 280 FL 245 Class A	10	↓	↑	
▲ANVIT 244000.00S 0302300.00E						
	058° 238° 62 NM	FL 280 FL 245 Class A	10	↓	↑	
▲PHALABORWA (PHV) VOR 235402.73S 0310907.09E						
	055° 235° 35 NM	FL 280 FL 245 Class A	10	↓	↑	
▲EPSEK 232715.00S 0313345.00E						FAJA/FQBE FIR BDRY
Subject to FUA approval through military airspace.						

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