

FLIGHT INFORMATION REGIONS (FIR)/UPPER INFORMATION REGIONS (UIR) IN ESAF
BOUNDARIES COORDINATES

FIR	States	Boundary coordinates	Adjacent FIR		Remarks	State's/ANSPs comments
ESAF						
			Name	Common coordinates		
ASMARA FIR	Eritrea Sudan	N141400 E0362600 N200000 E0383000 N160000 E0410000 N153800 E0413000 N140000 E0422500 N124500 E0431200 Follow sovereign boundary between Eritrea/Ethiopia N141400 E0362600	Khartoum FIR	N141400 E0362600 N200000 E0383000		
			Jeddah FIR	N200000 E0383000 N160000 E0410000 N153800 E0413000 N140000 E0422500 N124500 E0431200		
			Addis Ababa FIR	N124500 E0431200 Follow sovereign boundary between Eritrea/Ethiopia N141400 E0362600		
MOGADISHU FIR	Somalia	N121000 E0440300 N121100 E0504600 N120000 E0513500 N120000 E0600000 N104200 E0600000 S020000 E0440000 S020000 E0420000 Follow sovereign boundary between Kenya/Somalia Follow sovereign boundary between Ethiopia/Somalia N114000 E0432000 Follow sovereign boundary between Djibouti/Somalia	Addis Ababa FIR	Follow sovereign boundary between Ethiopia/Somalia N114000 E0432000 Follow sovereign boundary between Djibouti/Somalia N114500 E0441100 N121000 E0440300		
			Sana'a FIR	N121000 E0440300 N121100 E0504600 N120000 E0513500 N120000 E0600000		
			Mumbai FIR	N120000 E0600000 N104200 E0600000		

		N114500 E0441100 N121000 E0440300	Seychelles FIR	N104200 E0600000 S020000 E0440000		
			Nairobi FIR	S020000 E0440000 S020000 E0420000 Follow sovereign boundary between Kenya/Somalia		
ADDIS ABABA FIR	Ethiopia Djibouti	N141400 E0362600 Follow sovereign boundary between Eritrea/Ethiopia N123100 E0422700 N124500 E0431200 N121000 E0440300 N114500 E0441100 N114000 E0432000 Follow sovereign boundary between Somalia/Ethiopia until Tri-junction point boundary Somalia/Kenya/Ethiopia N040000 E0360000 N080000 E0330000 N130000 E0360000 N141400 E0362600	Asmara FIR	N141400 E0362600 Follow sovereign boundary between Eritrea/Ethiopia N124500 E0431200		
			Sana'a FIR	N124500 E0431200 N121000 E0440300		
			Mogadishu FIR	N114500 E0441100 N114000 E0432000 Follow sovereign boundary between Somalia/Ethiopia		
			Nairobi FIR	Tri junctions point boundary Somalia/Kenya/Ethio pia N040000 E0360000		
			Khartoum FIR	N040000 E0360000 N080000 E0330000 N130000 E0360000 N141400 E0362600		
MAURITIUS FIR	Mauritius	S060000 E0600000 S060000 E0750000 S450000 E0750000 S450000 E0570000 S300000 E0570000 S220000 E0570000 S190000 E0553000	Mumbai FIR	S060000 E0600000 S060000 E0750000 S450000 E0750000		
			Johannesburg Oceanic FIR	S450000 E0750000 S450000 E0570000 S300000 E0570000		

		S100000 E0553000 S100000 E0600000 S060000 E0600000	Antananarivo FIR	S300000 E0570000 S220000 E0570000 S190000 E0553000 S100000 E0553000		
			Seychelles FIR	S100000 E0553000 S100000 E0600000 S060000 E0600000		
ANTANANARIVO FIR	Comoros Madagascar	S110000 E0413000 S102000 E0440000 S100000 E0450000 S100000 E0553000 S190000 E0553000 S222000 E0570000 S300000 E0570000 S300000 E0400000 S200000 E0400000 S150000 E0430000 S110000 E0413000	Dar Es Salam FIR	S110000 E0413000 S102000 E0440000		
			Seychelles FIR	S100000 E0450000 S100000 E0553000		
			Mauritius FIR	S100000 E0553000 S190000 E0553000 S222000 E0570000 S300000 E0570000		
			Johannesburg Oceanic FIR	S300000 E0570000 S300000 E0400000		
			Beira FIR	S300000 E0400000 S200000 E0400000 S150000 E0430000 S110000 E0413000		
SEYCHELLES FIR	Seychelles	S020000 E0440000 N104200 E0600000 S060000 E0600000 S100000 E0600000 S100000 E0553000 S100000 E0450000 S102000 E0440000 S083000 E0440000 S044200 E0440000 S020000 E0440000	Mogadishu FIR	S020000 E0440000 N104200 E0600000		
			Mumbai FIR	N104200 E0600000 S060000 E0600000		
			Mauritius FIR	S060000 E0600000 S100000 E0600000 S100000 E0553000		
			Antananarivo FIR	S100000 E0553000 S100000 E0450000 S102000 E0440000		
			Dar Es Salam FIR	S102000 E0440000 S083000 E0440000		
			Nairobi FIR	S083000 E0440000 S044200 E0440000 S020000 E0440000		

NAIROBI FIR	Kenya	N040000 E0340500 N040000 E0360000 Tri-junction point boundary Somalia/Kenya/Ethiopia then Follow sovereign boundary between Somalia/Kenya S020000 E0420000 S020000 E0440000 S044200 E0440000 S083000 E0440000 S044200 E0400000 S044200 E0391400 Follow sovereign boundary between Tanzania/Kenya Tri-junction boundary Kenya/Uganda/Tanzania Then Follow sovereign boundary between Uganda/Kenya N040000 E0340500	Khartoum FIR	N040000 E0340500 N040000 E0360000		
			Addis Ababa FIR	N040000 E0360000 Tri-junction point boundary Somalia/Kenya/Ethio pia		
			Mogadishu FIR	Follow sovereign boundary between Somalia/Kenya S020000 E0420000 S020000 E0440000		
			Seychelles FIR	S020000 E0440000 S044200 E0440000 S083000 E0440000		
			Dar Es Salam FIR	S083000 E0440000 S044200 E0400000 S044200 E0391400 Follow sovereign boundary between Tanzania/Kenya until Tri-junction boundary Kenya/Uganda/Tanza nia		
			Entebbe FIR	Tri-junction boundary Kenya/Uganda/Tanza nia then Follow sovereign boundary between Uganda/Kenya N040000 E0340500		
ENTEBBE FIR	Uganda	N040000 E0304500 N040000 E0340500	Khartoum FIR	N040000 E0304500 N040000 E0340500		

		Follow sovereign boundary between Kenya/Uganda Tri-junction boundary Kenya/Uganda/Tanzania Then Follow sovereign boundary between Uganda/Tanzania N010400 E0302900 Follow sovereign boundary between Rwanda/Uganda Tri-junction DRC/Rwanda/Uganda Follow sovereign boundary between DRC/Uganda N000000 E0294500 N014500 E0310000 N040000 E0304500	Nairobi FIR	N040000 E0340500 Follow sovereign boundary between Kenya/Uganda until Tri-junction boundary Kenya/Uganda/Tanzania		
			Dar Es Salam FIR	Tri-junction boundary Kenya/Uganda/Tanzania Follow sovereign boundary between Uganda/Tanzania N010400 E0302900		
			Kigali FIR	N010400 E0302900 Follow sovereign boundary between Rwanda/Uganda		
			Kinshasa FIR	Tri-junction boundary DRC/Rwanda/Uganda Follow sovereign boundary between DRC/Uganda N000000 E0294500 N014500 E0310000 N040000 E0304500		
KIGALI FIR	Rwanda	(FL245-UNL) TBD	Entebbe FIR	TBD	PfA for Kigali FIR still pending agreement with neighboring FIRs	
			Dar Es Salam FIR	TBD		
			Kinshasa FIR	TBD		

		(GRD-FL245) Follow sovereign boundary between DRC/Rwanda Follow sovereign boundary between Rwanda/Uganda Follow sovereign boundary between Rwanda/Tanzania Follow sovereign boundary between Burundi/Rwanda	Entebbe FIR	Follow sovereign boundary between Rwanda/Uganda		
			Dar Es Salam FIR	Follow sovereign boundary between Rwanda/Tanzania Follow sovereign boundary between Burundi/Rwanda		
			Kinshasa FIR	Follow sovereign boundary between DRC/Rwanda		
DAR ES SALAAM FIR	Burundi Rwanda Tanzania	S010400 E0302900 Follow sovereign boundary between Uganda/Tanzania Tri-junction Boundary Kenya/Uganda/Tanzania Follow sovereign boundary between Kenya/Tanzania S044200 E0391400 S044200 E0400000 S083000 E0440000 S102000 E0440000 S110000 E0413000 S102500 E0403000 Follow sovereign boundary between Mozambique/Tanzania S113400 E0345800 Follow sovereign boundary between Malawi/Tanzania S092200 E0330000 Follow sovereign boundary between Tanzania/Zambia S081600 E0304800	Entebbe FIR	S010400 E0302900 Follow sovereign boundary between Uganda/Tanzania Tri-junction Boundary Kenya/Uganda/Tanzania		
			Nairobi FIR	Tri-junction Boundary Kenya/Uganda/Tanzania Follow sovereign boundary between Kenya/Tanzania S044200 E0391400 S044200 E0400000 S083000 E0440000		
			Seychelles FIR	S083000 E0440000 S102000 E0440000		
			Antananarivo FIR	S102000 E0440000 S110000 E0413000		

		S080700 E0295300 S065200 E0300600 Follow sovereign boundary between DRC/Tanzania S042800 E0292500 Follow sovereign boundary between Burundi/DRC Tri-junction boundary Burundi/DRC/Rwanda then Follow sovereign boundary between Burundi/Rwanda Then Tri-junction boundary Burundi/Rwanda/Tanzania Then Follow sovereign boundary between Rwanda/Tanzania S010400 E0302900	Beira FIR	S110000 E0413000 S102500 E0403000 Follow sovereign boundary between Mozambique/Tanzani a S113400 E0345800		
			Lilongwe FIR	S113400 E0345800 Follow sovereign boundary between Malawi/Tanzania S092200 E0330000 Follow sovereign boundary between Tanzania/Zambia		
			Lusaka FIR	S092200 E0330000 Follow sovereign boundary between Tanzania/Zambia S081600 E0304800 S080700 E0295300		
			Kinshasa FIR	S080700 E0295300 S065200 E0300600 Boundary DRC/Tanzania S042800 E0292500 Boundary Burundi/DRC Tri-junction boundary Burundi/DRC/Rwand a		
			Kigali FIR	Tri-junction boundary Burundi/DRC/Rwand a then		

				Boundary Burundi/Rwanda Then Tri-junction boundary Burundi/Rwanda/Tan zania Then Boundary Rwanda/Tanzania S010400 E0302900		
LILONGWE FIR	Malawi	S093600 E0333800 Boundary Malawi/Tanzania S113400 E0345800 Boundary Malawi/Mozambique S132900 E0345200 Boundary Malawi/Mozambique S154000 E0355000 Boundary Malawi/Mozambique Boundary Malawi/Zambia S110600 E0332100 S105100 E0332400 S101300 E0333300 S093600 E0333800	Dar Es Salaam FIR	S093600 E0333800 Follow sovereign boundary between Malawi/Tanzania S113400 E0345800		
			Beira FIR	S113400 E0345800 Follow sovereign boundary between Malawi/Mozambique S132900 E0345200 Follow sovereign boundary between Malawi/Mozambique S154000 E0355000 Follow sovereign boundary between Malawi/Mozambique S160000 E0341000 S144000 E0334000		
			Lusaka FIR	S144000 E0334000 Follow sovereign boundary between Malawi/Zambia S110600 E0332100		

				S105100 E0332400 S101300 E0333300 S093600 E0333800		
BEIRA FIR	Mozambique	S113400 E0345800 Follow sovereign boundary between Mozambique/Tanzania S102500 E0403000 S110000 E0413000 S150000 E0430000 S200000 E0400000 S300000 E0400000 S275000 E0350000 S265000 E0325200 S270000 E0320000 Follow sovereign boundary between Mozambique/Eswatini Then Follow sovereign boundary between Mozambique/South Africa Then Tri-junction boundary Mozambique/South Africa/Zimbabwe Follow sovereign boundary between Mozambique/Zimbabwe S153700 E0302500 Follow sovereign boundary between Mozambique/Zambia Tri-junction boundary Malawi/Mozambique/Zambia	Dar Es Salaam FIR	S113400 E0345800 Follow sovereign boundary between Mozambique/Tanzania S102500 E0403000 S110000 E0413000		
			Antananarivo FIR	S110000 E0413000 S150000 E0430000 S200000 E0400000 S300000 E0400000		
			Johannesburg Oceanic FIR	S300000 E0400000 S275000 E0350000		
			Johannesburg FIR	S275000 E0350000 S265000 E0325200 S270000 E0320000 Follow sovereign boundary between Mozambique/Eswatini Then Follow sovereign boundary between Mozambique/South Africa Then Tri-junction boundary Mozambique/South Africa/Zimbabwe		
			Harare FIR	Tri-junction boundary Mozambique/South Africa/Zimbabwe		

		Then Follow sovereign boundary between Malawi/Mozambique S113400 E0345800		then Follow sovereign boundary between Mozambique/Zimbabwe S153700 E0302500		
			Lusaka FIR	S153700 E0302500 Follow sovereign boundary between Mozambique/Zambia Tri-junction boundary Malawi/Mozambique/Zambia		
			Lilongwe FIR	Tri-junction boundary Malawi/Mozambique/Zambia Then Follow sovereign boundary between Malawi/Mozambique S113400 E0345800		
LUSAKA FIR	DRC Zambia	S110000 E0242000 S120000 E0253000 S120000 E0280000 S080700 E0295300 S081600 E0304800 Follow sovereign boundary between Tanzania/Zambia S092200 E0330000 Then Follow sovereign boundary between Malawi/Zambia	Kinshasa FIR	S110000 E0242000 S120000 E0253000 S120000 E0280000 S080700 E0295300		
			Dar Es Salaam	S080700 E0295300 S081600 E0304800 Follow sovereign boundary between Tanzania/Zambia S092200 E0330000		
			Lilongwe FIR	S092200 E0330000 Then		

		Until Tri-junction boundary Malawi/Mozambique/Zambia Then Follow sovereign boundary between Mozambique/Zambia Until Tri-junction Mozambique/Zimbabwe/Zambia Then Follow sovereign boundary between Zimbabwe/Zambia S174700 E0251500 Follow sovereign boundary between Namibia/Zambia until Tri-junction Namibia/Angola/Zambia Then Follow sovereign boundary between Angola/Zambia S130000 E0220000 S130000 E0230000 S110000 E0242000		Follow sovereign boundary between Malawi/Zambia Until Tri-junction boundary Malawi/Mozambique/ Zambia		
			Beira FIR	Follow sovereign boundary between Mozambique/Zambia Until Tri-junction Mozambique/Zimbabwe/Zambia		
			Harare FIR	Follow sovereign boundary between Zimbabwe/Zambia S174700 E0251500		
			Gaborone FIR	Follow sovereign boundary between Namibia/Zambia until Tri-junction Namibia/Angola/Zambia		
			Luanda FIR	Follow sovereign boundary between Angola/Zambia S130000 E0220000 S130000 E0230000 S110000 E0242000		
HARARE FIR	Zimbabwe	S174700 E0251500 Follow sovereign boundary between Zambia/Zimbabwe Then	Lusaka FIR	S174700 E0251500 Follow sovereign boundary between Zambia/Zimbabwe		

		Follow sovereign boundary between Mozambique/Zimbabwe Then Follow sovereign boundary between South Africa/Zimbabwe Then Follow sovereign boundary between Botswana/Zimbabwe S174700 E0251500	Beira FIR	Follow sovereign boundary between Mozambique/Zimbabwe		
			Johannesburg FIR	Follow sovereign boundary between South Africa/Zimbabwe		
			Gaborone FIR	Follow sovereign boundary between Botswana/Zimbabwe		
GABORONE FIR	Botswana Namibia	S174700 E0251500 Follow sovereign boundary between Botswana/Zimbabwe Then Follow sovereign boundary between Botswana/South Africa Then Follow sovereign boundary between Botswana/Namibia Until intersection E0210000 with boundary Angola/Namibia Then Follow sovereign boundary between Namibia/Angola Then Follow sovereign boundary between Namibia/Zambia S174700 E0251500	Harare FIR	S174700 E0251500 Follow sovereign boundary between Botswana/Zimbabwe		
			Johannesburg FIR	Follow sovereign boundary between Botswana/South Africa		
			Windhoek FIR	Follow sovereign boundary between Botswana/Namibia		
			Luanda FIR	Follow sovereign boundary between Namibia/Angola		
			Lusaka FIR	Follow sovereign boundary between Namibia/Zambia S174700 E0251500		

LUANDA FIR	Angola DRC	S041000 E0063500 S053000 E0805000 Intersection S050500 with boundary between Angola/Congo Rep. Follow sovereign boundary between Angola/Congo Rep. Then Follow sovereign boundary between Angola/DRC S055000 E0160000 S072000 E0220000 S090000 E0220000 S110000 E0242000 S130000 E0230000 S130000 E0220000 Then Follow sovereign boundary between Angola/Zambia Until tri-junction boundary Zambia/Namibia/Angola Then Follow sovereign boundary between Angola/Namibia until intersection E0210000 with boundary Angola/Namibia S180000 E0100000 S180000 W0050000 S200000 W0100000 S120000 W0100000 S093200 W0030000	Brazzaville FIR	S041000 E0063500 S053000 E0805000 Intersection S050500 with boundary between Angola/Congo Rep.		
		Kinshasa FIR	Intersection S050500 with boundary between Angola/Congo Rep. Follow sovereign boundary between Angola/Congo Rep. Then Follow sovereign boundary between Angola/DRC S055000 E0160000 S072000 E0220000 S090000 E0220000 S110000 E0242000			
		Lusaka FIR	Follow sovereign boundary between Angola/Zambia Until tri-junction boundary Zambia/Namibia/Ang ola			
		Gaborone FIR	tri-junction boundary Zambia/Namibia/Ang ola Then Follow sovereign boundary between Angola/Namibia until			

		S055200 E0063500 S041000 E0063500		intersection E0210000 with boundary Angola/Namibia		
			Windhoek FIR	intersection E0210000 with boundary Angola/Namibia S180000 E0100000		
			Johannesburg Oceanic	S180000 E0100000 S180000 W0050000 S200000 W0100000		
			Atlantico FIR	S200000 W0100000 S120000 W0100000		
			Dakar FIR	S120000 W0100000 S093200 W0030000	Abidjan Sector	
			Accra FIR	S093200 W0030000 S055200 E0063500 S041000 E0063500		
WINDHOEK FIR	Namibia	S180000 E0100000 Then Follow sovereign boundary between Angola/Namibia until Intersection S210000 Then Follow sovereign boundary between Botswana/Namibia Then Follow sovereign boundary between Namibia/South Africa S273000 E0210000 S273000 E0190000	Luanda FIR	S180000 E0100000 Then Follow sovereign boundary between Angola/Namibia until Intersection S210000		
			Gaborone FIR	Intersection S210000 Then Follow sovereign boundary between Botswana/Namibia		
			Johannesburg FIR	Follow sovereign boundary between Namibia/South Africa S273000 E0210000		

		S273000 E0150000 S273000 E0100000 S180000 E0100000	Bloemfontein FIR	S273000 E0210000 S273000 E0190000		
			Cape town FIR	S273000 E0190000 S273000 E0150000		
			Johannesburg Oceanic	S273000 E0150000 S273000 E0100000 S180000 E0100000		
Johannesburg FIR	Eswatini South Africa	S273000 E0210000 Then Follow sovereign boundary between Namibia/South Africa Until Tri-junction boundary Botswana/Namibia/South Africa Then Follow sovereign boundary between Botswana/South Africa Until Tri-junction boundary Botswana/Zimbabwe/South Africa Then Follow sovereign boundary between Zimbabwe/South Africa Until Tri-junction boundary Zimbabwe/Mozambique/South Africa Then Follow sovereign boundary between Mozambique/South Africa Then	Windhoek FIR	S273000 E0210000 Then Follow sovereign boundary between Namibia/South Africa Until Tri-junction boundary Botswana/Namibia/South Africa		
			Gaborone FIR	Tri-junction boundary Botswana/Namibia/South Africa Then Follow sovereign boundary between Botswana/South Africa Until Tri-junction boundary Botswana/Zimbabwe/South Africa		
			Harare FIR	Tri-junction boundary Botswana/Zimbabwe/South Africa Then Follow sovereign boundary between Zimbabwe/South Africa		

		Follow sovereign boundary between Mozambique/Eswatini Until Tri-junction boundary Mozambique/Eswatini/South Africa S270000 E0320000 S280000 E0290000 S273000 E0290000 S273000 E0210000		Until Tri-junction boundary Zimbabwe/Mozambique/South Africa		
			Beira FIR	Tri-junction boundary Zimbabwe/Mozambique/South Africa Then Follow sovereign boundary between Mozambique/South Africa Then Follow sovereign boundary between Mozambique/Eswatini Until Tri-junction boundary Mozambique/Eswatini/South Africa		
			Durban FIR	Until Tri-junction boundary Mozambique/Eswatini/South Africa S270000 E0320000 S280000 E0290000		
			Bloemfontein FIR	S280000 E0290000 S273000 E0290000 S273000 E0210000		
BLOEMFONTEIN FIR	Lesotho South Africa	S273000 E0190000 S273000 E0210000 S273000 E0290000 S280000 E0290000 S310000 E0290000 S310000 E0240000	Windhoek FIR	S273000 E0190000 S273000 E0210000		
			Johannesburg FIR	S273000 E0210000 S273000 E0290000 S280000 E0290000		
			Durban FIR	S280000 E0290000		

		S270000 E0190000		S310000 E0290000		
			Port Elisabeth FIR	S310000 E0290000 S310000 E0240000		
			Cape Town FIR	S310000 E0240000 S270000 E0190000		
DURBAN FIR	Eswatini Lesotho South Africa	Tri-junction boundary Mozambique/Eswatini/South Africa S265000 E0325200 S275000 E0350000 S330000 E0320000 S310000 E0290000 S280000 E0290000 S270000 E0320000 Tri-junction boundary Mozambique/Eswatini/South Africa	Beira FIR	Tri-junction boundary Mozambique/Eswatini/South Africa S265000 E0325200 S275000 E0350000		
			Johannesburg Oceanic FIR	S275000 E0350000 S330000 E0320000		
			Port Elisabeth FIR	S330000 E0320000 S310000 E0290000		
			Bloemfontein FIR	S310000 E0290000 S280000 E0290000		
			Johannesburg FIR	S280000 E0290000 S270000 E0320000 Tri-junction boundary Mozambique/Eswatini/South Africa		
PORT ELISABETH	South Africa	S310000 E0240000 S310000 E0290000 S330000 E0320000 S370000 E0280000 S370000 E0240000 S310000 E0240000	Bloemfontein FIR	S310000 E0240000 S310000 E0290000		
			Durban FIR	S310000 E0290000 S330000 E0320000		
			Johannesburg Oceanic FIR	S330000 E0320000 S370000 E0280000 S370000 E0240000		
			Cape Town FIR	S370000 E0240000 S310000 E0240000		
CAPE TOWN FIR	Namibia South Africa	S273000 E0150000 S273000 E0190000 S310000 E0240000 S370000 E0240000 S370000 E0150000	Windhoek FIR	S273000 E0150000 S273000 E0190000		
			Bloemfontein FIR	S273000 E0190000 S310000 E0240000		
			Port Elisabeth FIR	S310000 E0240000		

JOHANNESBURG OCEANIC FIR	High Seas	S273000 E0150000		S370000 E0240000		
			Johannesburg Oceanic FIR	S370000 E0240000 S370000 E0150000 S273000 E0150000		
		S200000 W0100000 S180000 W0050000 S180000 E0100000 S273000 E0100000 S273000 E0150000 S370000 E0150000 S370000 E0240000 S370000 E0280000 S330000 E0320000 S275000 E0350000 S300000 E0400000 S300000 E0570000 S450000 E0570000 S450000 E0750000 Then Extends along meridian E075 to the South Pole Circle and West along South Pole Circle to W10 S200000 W0100000	Luanda FIR	S200000 W0100000 S180000 W0050000 S180000 E0100000		
			Windhoek FIR	S180000 E0100000 S273000 E0100000 S273000 E0150000		
			Cape Town FIR	S273000 E0150000 S370000 E0150000 S370000 E0240000		
			Port Elisabeth FIR	S370000 E0240000 S370000 E0280000 S330000 E0320000		
			Durban FIR	S330000 E0320000 S275000 E0350000		
			Beira FIR	S275000 E0350000 S300000 E0400000		
			Antananarivo FIR	S300000 E0400000 S300000 E0570000		
			Mauritius FIR	S300000 E0570000 S450000 E0570000 S450000 E0750000		
			Melbourne FIR	S450000 E0750000 Then Extends along meridian E075 to the South Pole Circle and West along South Pole Circle to W10		
			Comodoro Rivadavia FIR	TBC		
			Ezeiza FIR	TBC		
			Montevideo FIR	TBC		

			Atlantico FIR	TBC		
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**FLIGHT INFORMATION REGIONS (FIR)/UPPER INFORMATION REGIONS (UIR) IN WACAF
BOUNDARIES COORDINATES**

FIR	States	Boundary coordinates	Adjacent FIR		Remarks	State's/ANSPs comments
WACAF						
			Name	Common coordinates		
SAL OCEANIC GVSC	Cabo Verde	N240000 W0250000	Dakar FIR	N200000 W0200000		
		N200000 W0200000		N150000 W0200000		
		N150000 W0200000		N125800 W0212200		
		N125800 W0212200		N134000 W0242100		
		N134000 W0242100		N170000 W0373000		
		N170000 W0373000	Santa Maria FIR	N170000 W0373000		
N240000 W0250000	N240000 W0250000					
Dakar FIR	OCEANIC SECTOR	N170000 W0373000	Accra FIR	N015100 W0030000	FIS ABIDJAN: N000000 W0072000 N015100 W0030000 N093200 W0030000 N120000 W0100000	
		N125800 W0212200		N093200 W0030000		
		N090000 W0165500	Luanda FIR	N093200 W0030000		
		N000000 W0072000		N120000 W0100000		
		N015100 W0030000	Atlantico FIR	N120000 W0100000		
		N093200 W0030000		N062200 W0100000		
N120000 W0100000	N062200 W0160000					
		N062200 W0100000	N074000 W0350000			

		N062200 W0160000 N074000 W0350000 N133000 W0373000 N170000 W0373000			N062200 W0100000 N062200 W0160000 N000000 W0072000	
			Cayenne FIR	N074000 W0350000 N133000 W0373000		
			Piarco FIR	N133000 W0373000 N170000 W0373000		
			Sal Oceanic FIR	N170000 W0373000 N125800 W0212200		
			Roberts FIR	N090000 W0165500 N000000 W0072000		
	TERRESTRIAL SECTOR -Senegal -Mauritania -Mali -Cote d'Ivoire -The Gambia -Guinea Bissau	N125800 W0212200 N150000 W0200000 N200000 W0200000 N190000 W0190000 N204700 W0170400 N212000 W0140000 N284000 W0804000 N274000 W0804000 N272000 W0804000 N241000 W0033500 N220000 W0033500 N162100 W0033600 N143100 W0040400 N125200 W0041700	Sal Oceanic FIR	N125800 W0212200 N150000 W0200000 N200000 W0200000		
			Canarias FIR	N200000 W0200000 N190000 W0190000 N204700 W0170400 N212000 W0140000 N284000 W0804000	Dakar UTA Nouakchott UTA	
			Casablanca FIR	N284000 W0804000 N274000 W0804000	Nouakchott UTA	
			Alger FIR	N274000 W0804000 N272000 W0804000 N241000 W0033500	Nouakchott UTA	

		N113000 W0051500 N100200 W0053700 N095200 W0024500 Follow sovereign boundary between Cote d'Ivoire/Ghana N044100 W0030000 N015100 W0030000 N000000 W0072000 N061500 W0072700 N073000 W0082500 N101000 W0080000 N111300 W0080000 Follow sovereign boundary between Mali/Guinea Then Follow sovereign boundary between Senegal/Guinea Then Follow sovereign boundary between Guinea Bissau/Guinea N105300 W0150500 N090000 W0165500 N125800 W0212200	Niamey FIR	N241000 W0033500 N220000 W0033500 N162100 W0033600 N143100 W0040400 N125200 W0041700 N113000 W0051500 N100200 W0053700 N095200 W0024500	Nouakchott UTA Bamako UTA	
			Accra FIR	N095200 W0024500 Follow sovereign boundary between Cote d'Ivoire/Ghana N044100 W0030000 N015100 W0030000	UTA Abidjan	
			Roberts FIR	N000000 W0072000 N061500 W0072700 N073000 W0082500 N101000 W0080000 N111300 W0080000 Follow sovereign boundary between Mali/Guinea Follow sovereign boundary between Senegal/Guinea Follow sovereign boundary between Guinea Bissau/Guinea N105300 W0150500 N090000 W0165500	Abidjan UTA Bamako UTA Dakar UTA	
ROBERTS FIR	Guinea Liberia Sierra Leone	N090000 W0165500 N105300 W0150500 Follow sovereign boundary between	Dakar FIR- Terrestrial Sector	N090000 W0165500 N105300 W0150500 Follow sovereign boundary between	Dakar UTA Bamako UTA Abidjan UTA	

		Guinea Bissau/Guinea Then Follow sovereign boundary between Senegal/Guinea Then Follow sovereign boundary between Mali/Guinea N111300 W0080000 N101000 W0080000 N073000 W0082500 N061500 W0072700 N000000 W0072000 N090000 W0165500		Guinea Bissau/Guinea Then Follow sovereign boundary between Senegal/Guinea Then Follow sovereign boundary between Mali/Guinea N111300 W0080000 N101000 W0080000 N073000 W0082500 N061500 W0072700 N000000 W0072000		
			Dakar FIR- Oceanic sector	N000000 W0072000 N090000 W0165500		
NIAMEY FIR	Burkina Faso Benin Mali Niger	N110000 W0030000 N111000 W0041900 N113000 W0051500 N125200 W0041700 N143000 W0040500 N162100 W0033600 N241000 W0033500 Follow sovereign boundary between Algeria/Mali N190900 E0041600 N192700 E0054400 N205100 E0072800 N233100 E0120000 N220000 E0113000 Intersection E0113000 with	Dakar FIR- Terrestrial sector	N110000 W0030000 N111000 W0041900 N113000 W0051500 N125200 W0041700 N143000 W0040500 N162100 W0033600 N241000 W0033500	Nouakchott UTA Bamako UTA Abidjan UTA	
			Alger FIR	Follow sovereign boundary between Algeria/Mali N190900 E0041600 N192700 E0054400 N205100 E0072800 N233100 E0120000		
			Tripoli FIR	N233100 E0120000 N220000 E0113000		

		sovereign boundary Niger/Nigeria then Follow sovereign boundary between Niger/Nigeria then Follow sovereign boundary between Benin/Nigeria N110000 E0033000 N110000 W0030000	N'Djamena FIR	N220000 E0113000 Intersection E0113000 with Border Niger/Nigeria		
			Kano FIR	Intersection E0113000 with sovereign boundary Niger/Nigeria then Follow sovereign boundary between Niger/Nigeria Follow sovereign boundary between Benin/Nigeria N110000 E0033000		
			Accra FIR	N110000 E0033000 N110000 W0030000		
Accra FIR	Benin Ghana Togo	N110000 W0030000 N110000 E0033000 Follow sovereign boundary between Benin/Nigeria N054500 E024500 N030000 E0063500 N041000 E0063500 N055200 E0063500 N093200 W0030000 N015100 W0030000 N044100 W0030000 Follow sovereign boundary between Ghana/Cote d'Ivoire	Niamey FIR	N110000 W0030000 N110000 E0033000		
			Kano FIR	N110000 E0033000 Follow sovereign boundary between Benin/Nigeria N054500 E024500 N030000 E0063500	Lome UTA	
			Brazzaville FIR	N030000 E0063500 N041000 E0063500		
			Luanda FIR	N041000 E0063500 N055200 E0063500 N093200 W0030000		
			Dakar FIR- Oceanic sector	N093200 W0030000 N015100 W0030000		

		Follow sovereign boundary between Ghana/Burkina Faso N110000 W0030000	Dakar FIR- Terrestrial sector	N015100 W0030000 N044100 W0030000 Follow sovereign boundary between Ghana/Cote d'Ivoire Then Follow sovereign boundary between Ghana/Burkina Faso N110000 W0030000		
Kano FIR	Nigeria	N110000 E0033000 Follow sovereign boundary between Benin/Nigeria Then Follow sovereign boundary between Niger/Nigeria E0113000 Follow sovereign boundary between Chad/Nigeria Follow sovereign boundary between Cameroon/Nigeria N044000 E0083000 N030000 E0063500 N054500 E0024500 Follow sovereign boundary between Benin/Nigeria N110000 E0033000	Accra FIR	N030000 E0063500 N054500 E0024500 Follow sovereign boundary between Benin/Nigeria N110000 E0033000	Lome UTA	
			Niamey FIR	N110000 E0033000 Follow sovereign boundary between Benin/Nigeria Then Follow sovereign boundary between Niger/Nigeria until Intersection E0113000 with Border Niger/Nigeria		
			N'Djamena FIR	Intersection E0113000 with Border Niger/Nigeria then Follow sovereign boundary between Niger/Nigeria Then		

				Follow sovereign boundary between Chad/Nigeria Then Follow sovereign boundary between Cameroon/Nigeria until Intersection N080000 with border Cameroon/Nigeria		
			Brazzaville FIR	Intersection N080000 with border Cameroon/Nigeria then Follow sovereign boundary between Cameroon/Nigeria N044000 E0083000 N030000 E0063500	Douala UTA Libreville UTA	
N'DJAMENA FIR	Cameroon CAR Chad Niger	N220000 E0113000 N220000 E0190000 N193000 E0240000 Longitude E0240000 Until Intersection E0240000 with border Chad/Sudan Then Follow sovereign boundary between Chad/Sudan	Niamey FIR	Intersection E0113000 with Border Niger/Nigeria Longitude E0113000 N220000 E0113000		
			Tripoli FIR	N220000 E0113000 N220000 E0190000 N193000 E0240000		
			Khartoum FIR	N193000 E0240000 Longitude E0240000 Intersection E0240000 with border Chad/Sudan Then		

		Then Follow sovereign boundary between CAR/Sudan Until Intersection N080000 with border CAR/Sudan Then Follow latitude N080000 until Intersection N080000 with border Cameroon/Nigeria then Follow sovereign boundary between Cameroon/Nigeria Follow sovereign boundary between Chad/Nigeria Then Follow sovereign boundary between Niger/Nigeria Until Intersection E0113000 with Border Niger/Nigeria Then follow Longitude E0113000 until N220000 E0113000		Follow sovereign boundary between Chad/Sudan Then Follow sovereign boundary between CAR/Sudan Until Intersection N080000 with border CAR/Sudan		
			Brazzaville FIR	Intersection N080000 with border CAR/Sudan Then follow latitude N080000 until Intersection N080000 with border Cameroon/Nigeria		
			Kano FIR	Intersection N080000 with border Cameroon/Nigeria Then Follow sovereign boundary between Cameroon/Nigeria then Follow sovereign boundary between Chad/Nigeria then Follow sovereign boundary between Niger/Nigeria until Intersection E0113000 with Border Niger/Nigeria		

BRAZZAVILLE FIR	Cameroon CAR Chad Congo Rep. Equatorial Guinea Gabon Sao Tome & Principe	Intersection N080000 with border Cameroon/Nigeria Then Follow latitude N0800000 until Intersection N080000 with border CAR/South Sudan Then Follow sovereign boundary between CAR/South Sudan until Intersection E0271500 with borders CAR/DRC/South Sudan Then Follow sovereign boundary between CAR/DRC Border Congo Rep./DRC until Intersection N050500 with border Congo Rep./Angola N053000 E0085000 N041000 E0063500 N030000 W0063500 N044000 W0083000	N'Djamena FIR	Intersection N080000 with border Cameroon/Nigeria Then follow latitude N0800000 until Intersection N080000 with border CAR/South Sudan		
			Khartoum FIR	Intersection N080000 with border CAR/South Sudan Then Follow sovereign boundary between CAR/South Sudan Intersection E0271500 with borders CAR/DRC/South Sudan		
			Kinshasa FIR	Intersection E0271500 with borders CAR/DRC/South Sudan Then Follow sovereign boundary between CAR/DRC Then Follow sovereign boundary between Congo Rep./DRC		

		Follow sovereign boundary between Cameroon/Nigeria Until intersection N080000 with border Cameroon/Nigeria		Intersection N050500 with border Congo Rep./Angola		
			Luanda FIR	Intersection N050500 with border Congo Rep./Angola N053000 E0085000 N041000 E0063500		
			Accra FIR	N041000 E0063500 N030000 E0063500		
			Kano FIR	N030000 E0063500 N044000 E0083000 Follow sovereign boundary between Cameroon/Nigeria Until Intersection N080000 with border Cameroon/Nigeria		
KINSHASA FIR	Angola DRC	N055000 E0160000 Follow sovereign boundary between Angola/DRC Then Follow sovereign boundary between Congo Rep./DRC until Intersection N040000 with border Congo Rep./DRC Then Follow sovereign boundary between CAR/DRC Intersection E0271500 with	Luanda FIR	N110000 E0242000 N090000 E0220000 N055000 E0160000 Follow sovereign boundary between Angola/DRC		
			Brazzaville FIR	Follow sovereign boundary between Congo Rep./DRC Intersection N040000 with border Congo Rep./DRC Then Follow sovereign boundary between CAR/DRC Intersection E0271500 with		

		borders CAR/DRC/South Sudan		borders CAR/DRC/South Sudan		
		Then Follow sovereign boundary between South Sudan/DRC N040000 E0304500 N014500 E0310000 Follow sovereign boundary between Uganda/DRC N000000 E0294500 Follow sovereign boundary between Uganda/DRC Follow sovereign boundary between Rwanda/DRC Follow sovereign boundary between Burundi/DRC N042800 E0292500 Border Tanzania/DRC N065200 E0300600 N080700 E0295300 N120000 E0280000 N120000 E0253000 N110000 E0242000 N090000 E0220000 N055000 E0160000	Khartoum FIR	Intersection E0271500 with borders CAR/DRC/South Sudan Then Follow sovereign boundary between South Sudan/DRC N040000 E0304500		
			Entebbe FIR	N040000 E0304500 N014500 E0310000 Follow sovereign boundary between Uganda/DRC N000000 E0294500 Follow sovereign boundary between Uganda/DRC		
			Kigali FIR	TBD		
			Dar Es Salaam FIR	Follow sovereign boundary between Burundi/DRC N042800 E0292500 Follow sovereign boundary between Tanzania/DRC N065200 E0300600 N080700 E0295300		
			Lusaka FIR	N080700 E0295300 N120000 E0280000 N120000 E0253000 N110000 E0242000		
