

APPENDIX –E2
Traffic Statistics data and analysis for AFI FIRs in SAT Area

Monitoring Group	Flight time proportion		Monitoring Group	Flight time proportion
A124	0.001349		CL605	0.001132
A306	0.000284		CRJ10	0.000387
A30B	5.03E-05		CRJ7	0.001068
A310-GE	0.000564		CRJ9	0.002334
A310-M	0.000564		D328	1.77E-06
A318	0.000251		DC10	6.32E-05
A320	0.10707		DC85	5.21E-07
A330	0.134274		DC86-87	0.000136
A339	7.55E-06		DC93	1.04E-06
A340	0.051099		E120	1.05E-05
A345	0.000416		E135-145	0.02368
A346	0.018989		E170-190	0.025671
A350	0.008575		E50P	2.39E-05
A380	0.024699		E545-E550	1.91E-05
AC90	4.67E-06		E55P	4.7E-05
AN12	3.78E-05		EA50	1.64E-06
AN72	0.000107		F100	0.00022
ASTR	3.22E-05		F2TH	0.000995
ASTR-SPX	3.22E-05		F70	0.000441
AVRO	0.003488		F900	0.003903
B190	9.1E-06		FA10	0.000147
B703	6.14E-06		FA20	0.00022
B712	7.59E-06		FA50	0.000779
B727	0.001294		FA7X	0.00253
B732	0.000517		G150	2.24E-05
B737C	0.017252		G280	0.000139
B737CL	0.029971		GALX	7.76E-05
B737NX	0.208665		GL5T	0.000381
B744-10	0.015402		GLEX	0.002369
B744-5	0.015402		GLF2B	2.73E-05
B747CL	0.000122		GLF3	0.000203
B748	0.005724		GLF4	0.001451
B74S	7.02E-06		GLF5	0.001484
B752	0.001916		GLF6	0.00034
B753	9.54E-05		H25A	7.42E-05
B764	0.000275		H25B-700	0.000409
B767	0.031711		H25B-750	0.000409
B772	0.064181		H25B-800	0.000409
B773	0.106987		H25C	0.000289
B787	0.056104		HA4T	0.00012
BA11	1.22E-06		IL62	1.39E-05
BD100	0.000375		IL76	0.001183
BE20	0.000257		IL96	3.52E-05
BE30	0.00028		J328	0.001185
BE40	0.000308		L101	1.66E-05

APPENDIX –E2
Traffic Statistics data and analysis for AFI FIRs in SAT Area

C25A	1.5E-05	LJ23	9.77E-07
C25B	1E-05	LJ31	7.77E-05
C441	4.23E-06	LJ35-36	0.000398
C500	6.67E-05	LJ45	0.000594
C560	0.000463	LJ55	0.00017
C56X	0.000278	LJ60	0.000478
C650	0.000206	MD11	0.004327
C680	0.00031	MD80	0.000481
C750	4.09E-05	MD90	6.39E-07
CARJ	0.005226	P180	1.78E-05
CL600	0.001132	PC12	6.37E-05
CL604	0.001132		

2.3 An average cruising speed of 481.44 kts has also been calculated.

Table A.4 Average aircraft dimensions for AFI RVSM aircraft population

Aircraft Dimension	Value (ft)
Length	170.720
Width	158.44
Height	49.04

Triple of adjacent FIR/UIRs	Maximum average passing frequency	Initial Cluster or Area of Routing
Dakar — N'Djamena — Niamey	0.0870	IC-3, AR-4, AR-5
Kano — N'Djamena — Niamey	0.0860	IC-3, AR-4, AR-5
Dakar — Kano — Niamey	0.0854	IC-3, AR-4, AR-5