



International Civil Aviation Organization

**THIRTEENTH MEETING ON THE IMPROVEMENT OF AIR TRAFFIC SERVICES OVER  
THE SOUTH ATLANTIC SAT13  
FIRST MEETING OF THE ATM WORKING GROUP AND STUDY GROUP ON THE NEW  
AIRSPACE STRUCTURE (SAT13/TF1)**

**(Cape Town, South-Africa, 21 – 23 February 2007)**

**Agenda Item 1: Air Traffic Management (ATM)**

**Air traffic movements statistics during 2006 and comparative data for the  
period 2005/2006**

(Presented by Spain)

**SUMMARY**

This paper presents to the different SAT States the air traffic movements statistics of the EUR-SAM Corridor during 2006 and its evolution from 2005.

**INTRODUCTION**

One of the main tasks of the SATMA, South Atlantic Monitoring Agency, is the collection and elaboration of the statistical data of the air traffic movements in the EUR-SAM Corridor. This WP presents to the SAT States the figures of the air movements during 2006 and a comparative statistical data 2005- 2006. The figures presents global data of the Corridor and also details the evolution of the figures per ACC, airway, city pair and main airports.

(The complete figures of this statistical report will be also available at [www.satmasat.com](http://www.satmasat.com) )



## 1. SUMMARY

The aim of this document is to present the statistical data of the air traffic movements in the EUR-SAM corridor in 2006. This document reflects also the evolution of this data during the last years.

## 2. SCOPE

One of the functions of the SATMA, ICAO Monitoring Agency for the South Atlantic, is the collection and elaboration of the statistical data of the air traffic movements in the EUR-SAM corridor.

In the past SAT13 meeting the need for reliable statistical data of the EUR-SAM corridor was strongly highlighted. The importance of this data is main base to take preventive actions to assume the evolution of the air traffic figures, in consequence, the SATMA firmly accepts the commitment to continue improving the quantity and quality of the statistical data

## 3. DATA COLLECTION

The necessary flight plan information to perform this study is obtained from PICASSO (AENA's data Base). This flight plan information contains initial flight plan information and also additional information updated by Controllers, pilot position reports and radar.

1- The air traffic movements reflected in this study are:

- All aircrafts using UN741, UN866, UN873 and UN857 whose flight plans contains information about EDUMO, TENPA, IPERA and GUNET fix points.
- Aircraft using the RANDOM route.

2- This study do not reflect:

- Traffic not overflying Canaries FIR/UIR.
- Data from East-West flows crossing the EUR-SAM Corridor.
- Southbound traffic origin- destination Cape Verde.

3- The Northbound reference hours used in this study are the pilot position reports over EDUMO, TENPA, IPERA and GUNET fix points; The reference hour for the RANDOM route is NELSO. The Southbound reference hours are the first radar contact in the Canaries FIR/UIR.

4- The change of the ATS route inside the Canaries FIR/UIR is not considered in this inform.

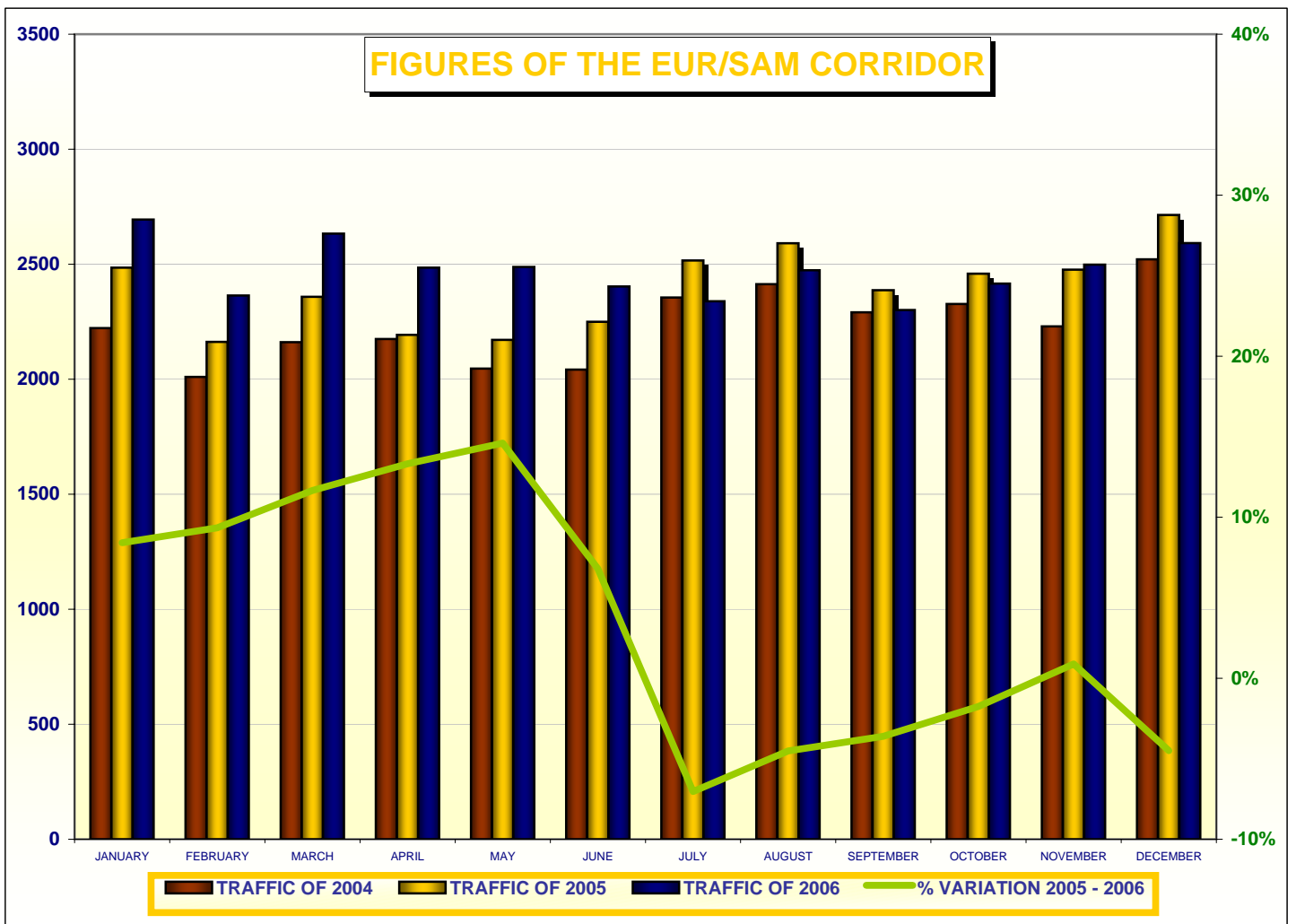


4. GLOBAL DATA OF THE EUR/SAM CORRIDOR

The next figures reflect the air traffic movements flying over the RANDOM routing, EDUMO, TENPA, IPERA and GUNET.

4.1 GLOBAL FIGURES OF THE EUR-SAM CORRIDOR

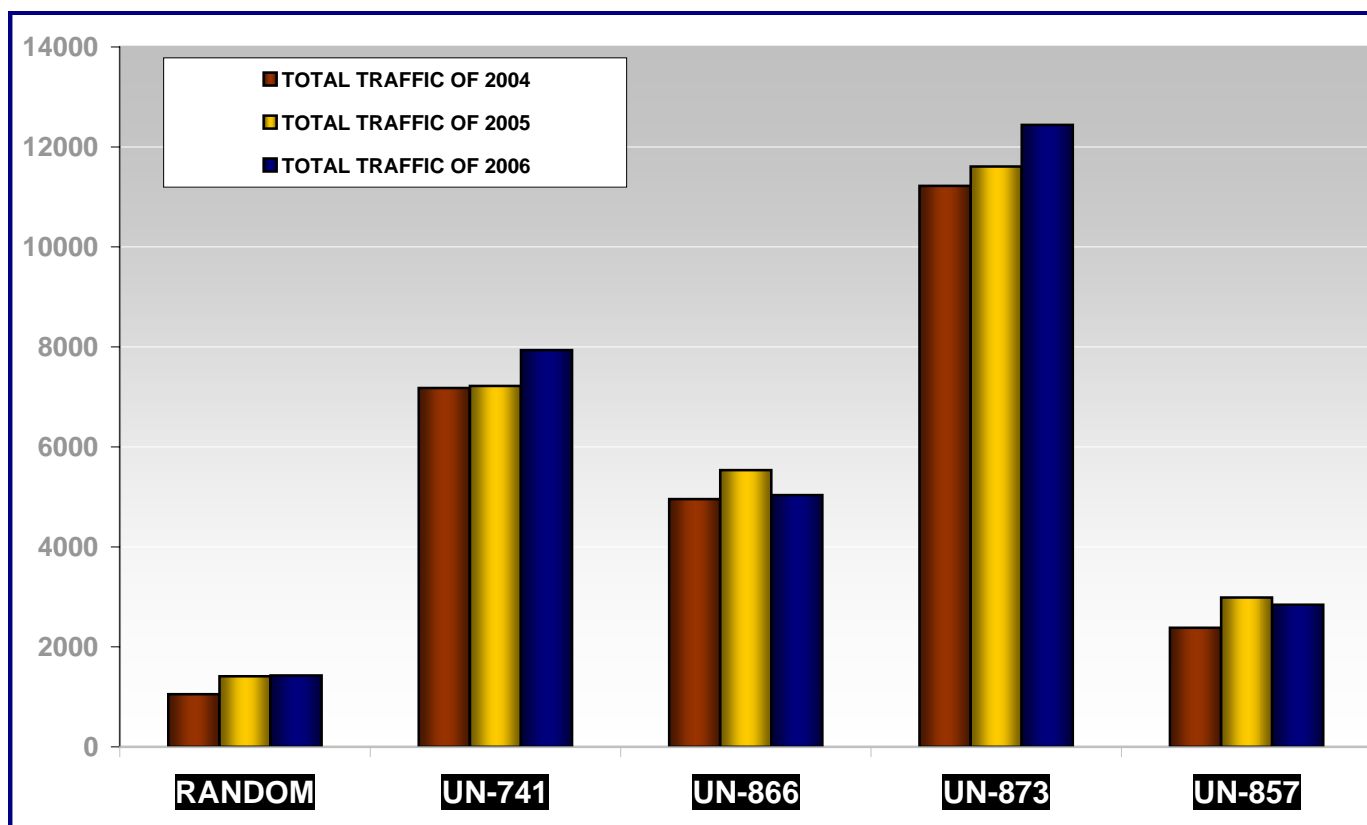
MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY	2004 - 2005	2005 - 2006
JANUARY	1265	1330	1220	1364	2222	71	2485	80	2694	86	12%	8%
FEBRUARY	1096	1152	1066	1212	2010	69	2162	77	2364	84	8%	9%
MARCH	1153	1339	1205	1294	2161	69	2358	76	2633	84	9%	12%
APRIL	1068	1217	1125	1268	2175	72	2193	73	2485	82	1%	13%
MAY	1030	1237	1141	1251	2046	66	2171	70	2488	80	6%	15%
JUNE	1078	1180	1172	1223	2042	68	2250	75	2403	80	10%	7%
JULY	1227	1142	1289	1197	2355	75	2516	81	2339	75	7%	-7%
AUGUST	1240	1215	1351	1259	2413	77	2591	83	2474	79	7%	-5%
SEPTEMBER	1187	1107	1200	1194	2291	76	2387	79	2301	76	4%	-4%
OCTOBER	1240	1204	1219	1212	2327	75	2459	79	2416	77	6%	-2%
NOVEMBER	1217	1231	1259	1267	2230	74	2476	82	2498	83	11%	1%
DECEMBER	1287	1297	1427	1295	2521	81	2714	87	2592	83	8%	-4%
<b>AVERAGE</b>	<b>1174</b>	<b>1221</b>	<b>1223</b>	<b>1253</b>	<b>2233</b>	<b>73</b>	<b>2397</b>	<b>79</b>	<b>2474</b>	<b>81</b>	<b>7%</b>	<b>4%</b>



**4.2 NUMBER OF AIR MOVEMENTS PER ATS ROUTES**

Comparative figures 2005/2006.

ATS ROUTE	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC			ROUTE	
	FIGURES OF		FIGURES OF		FIGURES OF	% OCCUPANCY	FIGURES OF	% VARIATION	
	2005	2006	2005	2006	2005		2006	2005 - 2006	
<b>RANDOM</b>	765	803	648	626	1413	4.9%	1429	4.8%	1%
<b>UN-741</b>	4697	4882	2523	3053	7220	25.1%	7935	26.7%	10%
<b>UN-866</b>	1789	1412	3746	3625	5535	19.2%	5037	17.0%	-9%
<b>UN-873</b>	4802	5685	6806	6757	11608	40.4%	12442	41.9%	7%
<b>UN-857</b>	2035	1869	951	975	2986	10.4%	2844	9.6%	-5%

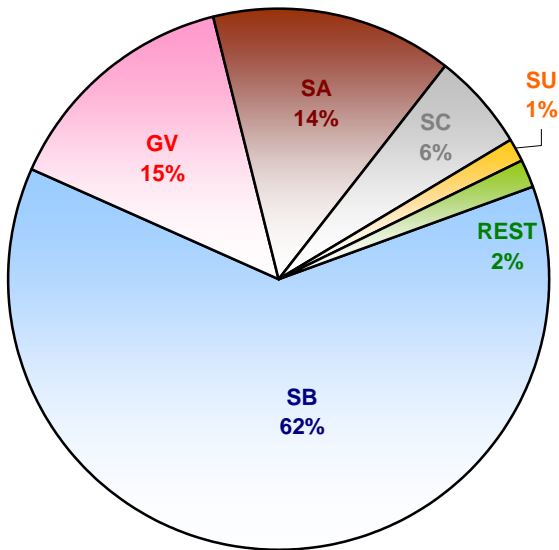

**4.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR**

Comparative figures 2005/2006.

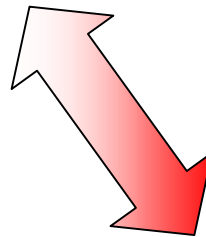
AIRCRAFT OPERATOR	FIGURES OF 2005	FIGURES OF 2006	% VARIATION 2005 - 2006
TAP	4686	5332	13.8%
IBE	3662	4068	11.1%
VRG	5247	2600	-50.4%
AFR	2062	2311	12.1%
TAM	1255	1574	25.4%
DRD	666	1497	124.8%
TCV	1426	1412	-1.0%
ARG	1211	1289	6.4%
KLM	657	709	7.9%
LAN	740	707	-4.5%
DLH	716	584	-18.4%
REST	6434	7604	18.2%

**4.4 NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA**

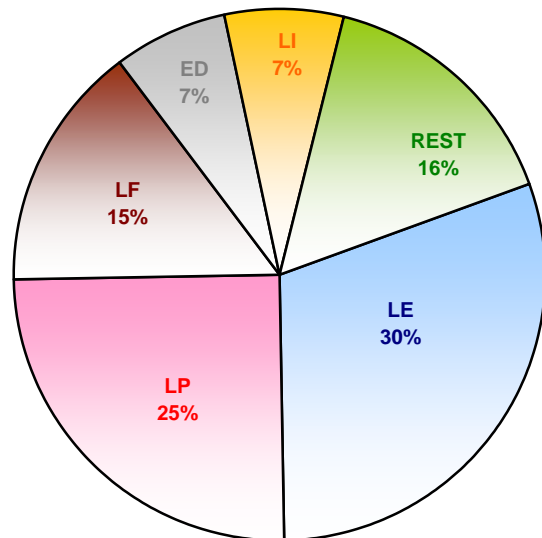
Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SB	18630	18450	-1%
GV	3502	4347	24%
SA	4350	4247	-2%
SC	1605	1747	9%
SU	249	375	51%
REST	426	521	22%



COUNTRY	2005	2006	VAR %
LE	8395	8980	7%
LP	7346	7463	2%
LF	4319	4381	1%
ED	2313	2132	-8%
LI	2246	2114	-6%
REST	4143	4617	11%



**4.5 NUMBER OF AIR MOVEMENTS PER MAIN AIRPORT AND ATS ROUTE**

Figures of 2006.

MAIN AIRPORT:	<b>SBGR</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>31%</b>	RANDOM				
		UN-741	2188	1364	3552	39%
		UN-866	780	1804	2584	28%
		UN-873	743	1337	2080	23%
		UN-857	799	200	999	11%
		<b>TOTAL</b>	<b>4510</b>	<b>4705</b>	<b>9215</b>	

MAIN AIRPORT:	<b>LEMD</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>28%</b>	RANDOM	799	624	1423	15%
		UN-741	1489	517	2006	22%
		UN-866	270	1331	1601	17%
		UN-873	713	1369	2082	23%
		UN-857	902	438	1340	15%
		<b>TOTAL</b>	<b>4173</b>	<b>4279</b>	<b>8452</b>	

MAIN AIRPORT:	<b>LPPT</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>23%</b>	RANDOM				
		UN-741	665	555	1220	13%
		UN-866	375	578	953	10%
		UN-873	2360	2334	4694	51%
		UN-857	32	11	43	0%
		<b>TOTAL</b>	<b>3432</b>	<b>3478</b>	<b>6910</b>	

MAIN AIRPORT:	<b>SAEZ</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>14%</b>	RANDOM				
		UN-741	1168	420	1588	17%
		UN-866	201	843	1044	11%
		UN-873	401	402	803	9%
		UN-857	384	419	803	9%
		<b>TOTAL</b>	<b>2154</b>	<b>2084</b>	<b>4238</b>	

MAIN AIRPORT:	<b>LFPG</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>14%</b>	RANDOM				
		UN-741	1170	1018	2188	24%
		UN-866	164	409	573	6%
		UN-873	489	720	1209	13%
		UN-857	259	9	268	3%
		<b>TOTAL</b>	<b>2082</b>	<b>2156</b>	<b>4238</b>	

Figures of 2006.

MAIN AIRPORT:	<b>GVAC</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>12%</b>	RANDOM				
		UN-741	52	11	63	2%
		UN-866	101	45	146	4%
		UN-873	1575	1747	3322	93%
		UN-857	25	29	54	2%
		<b>TOTAL</b>	<b>1753</b>	<b>1832</b>	<b>3585</b>	

MAIN AIRPORT:	<b>SBGL</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>9%</b>	RANDOM				
		UN-741	330	306	636	18%
		UN-866	70	37	107	3%
		UN-873	619	1036	1655	46%
		UN-857	282	45	327	9%
		<b>TOTAL</b>	<b>1301</b>	<b>1424</b>	<b>2725</b>	

MAIN AIRPORT:	<b>SBFZ</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>6%</b>	RANDOM				
		UN-741	750	637	1387	39%
		UN-866	132	229	361	10%
		UN-873	18	25	43	1%
		UN-857	3	2	5	0%
		<b>TOTAL</b>	<b>903</b>	<b>893</b>	<b>1796</b>	

MAIN AIRPORT:	<b>SCEL</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>6%</b>	RANDOM				
		UN-741	39	38	77	2%
		UN-866	17	203	220	6%
		UN-873	3	9	12	0%
		UN-857	5	3	8	0%
		<b>TOTAL</b>	<b>867</b>	<b>879</b>	<b>1746</b>	

MAIN AIRPORT:	<b>SBSV</b>	<b>ATS ROUTE</b>	<b>SOUTHBOUND</b>	<b>NORTHBOUND</b>	<b>TOTAL TRAFFIC</b>	<b>% PER ROUTE</b>
% CORRIDOR:	<b>5%</b>	RANDOM				
		UN-741	58	50	108	3%
		UN-866	46	143	189	5%
		UN-873	633	619	1252	35%
		UN-857	39	40	79	2%
		<b>TOTAL</b>	<b>776</b>	<b>852</b>	<b>1628</b>	

**4.6 MAIN CITY PAIRS**

Figures of 2006.

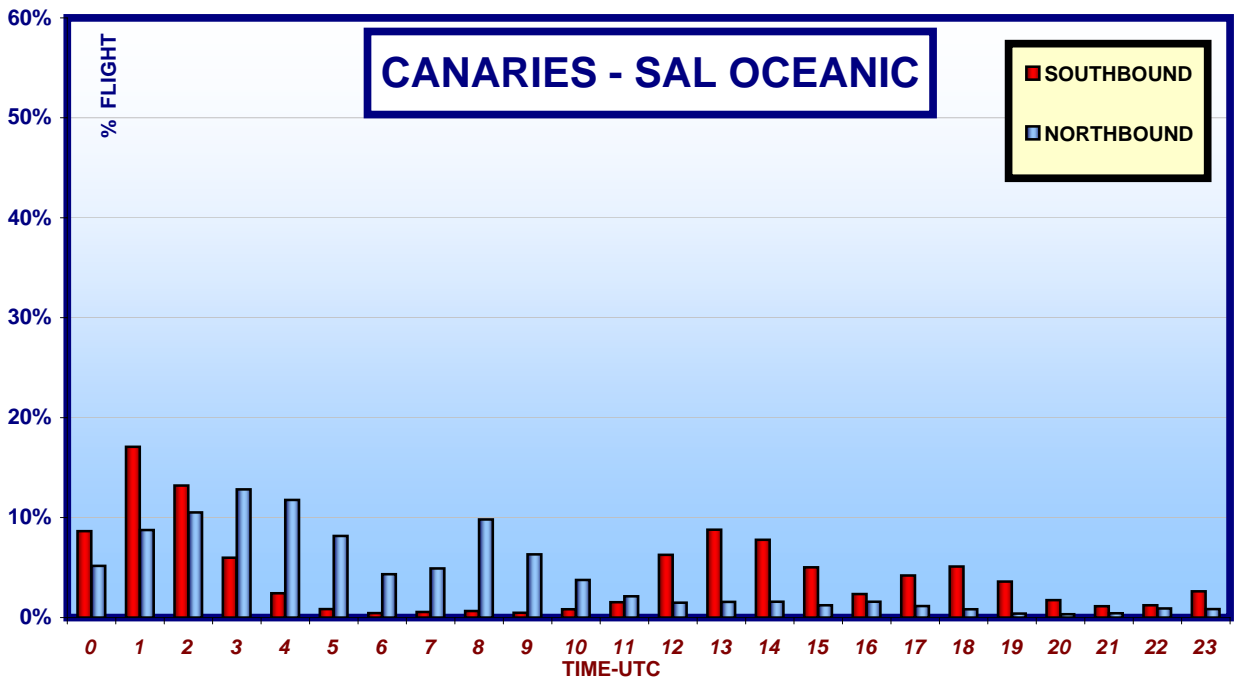
CITY PAIR	TOTAL	% TOTAL
SAEZ <-> LEMD	2713	9.1%
SBGR <-> LFPG	2627	8.8%
SCEL <-> LEMD	1697	5.7%
SBGR <-> LEMD	1394	4.7%
GVAC <-> LPPT	1284	4.3%
SBGR <-> EDDF	1092	3.7%
SBGR <-> LPPT	1040	3.5%
SBGR <-> EGLL	996	3.4%
SBGL <-> LEMD	863	2.9%
SBRF <-> LPPT	832	2.8%
SBSV <-> LPPT	817	2.8%
SBFZ <-> LPPT	773	2.6%
SBGL <-> LPPT	764	2.6%
SBGR <-> EHAM	707	2.4%
SBNT <-> LPPT	700	2.4%
SAEZ <-> LFPG	691	2.3%
SBGL <-> LFPG	578	1.9%
SBFZ <-> LEMD	525	1.8%
GVNP <-> LPPT	507	1.7%
SBGR <-> LIMC	499	1.7%



**4.7 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry points:

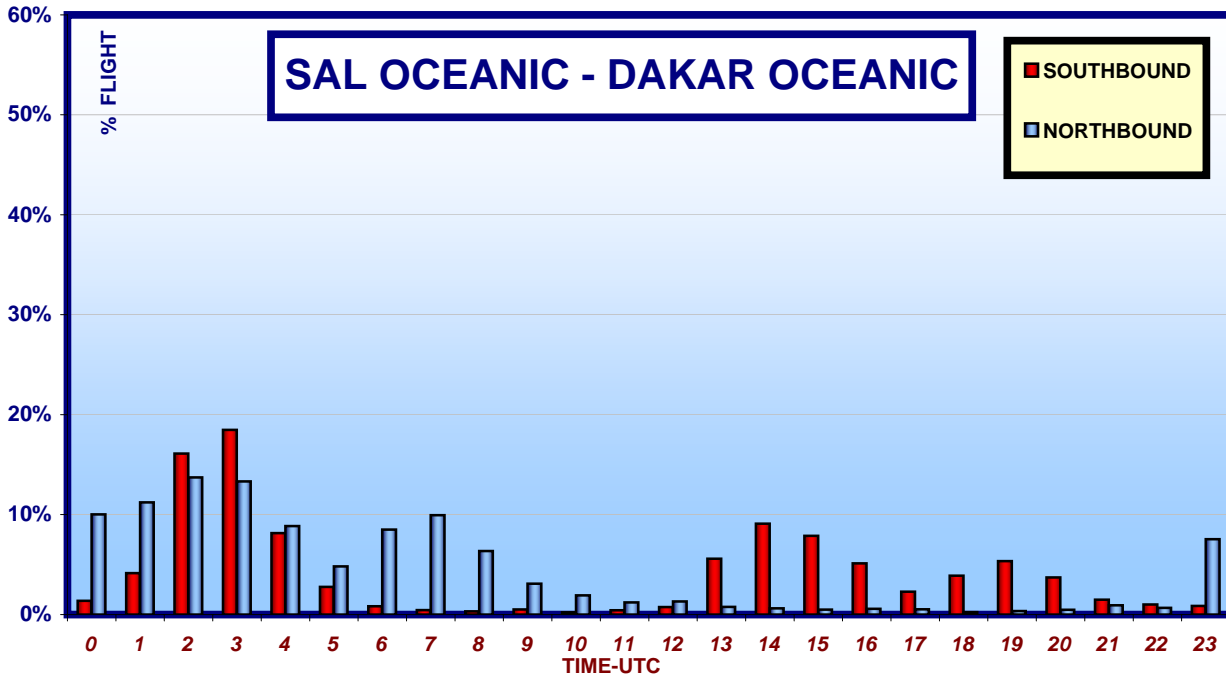
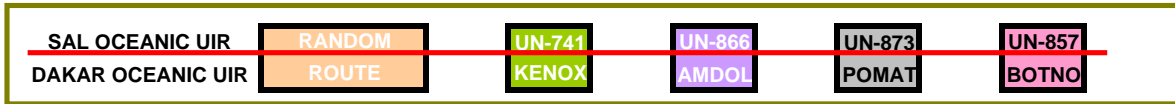


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	1234	8.6%	771	5.2%	2005	6.9%
1	2438	17.1%	1305	8.8%	3743	12.8%
2	1885	13.2%	1568	10.5%	3453	11.8%
3	856	6.0%	1913	12.8%	2769	9.5%
4	347	2.4%	1754	11.8%	2101	7.2%
5	121	0.8%	1218	8.2%	1339	4.6%
6	64	0.4%	647	4.3%	711	2.4%
7	81	0.6%	733	4.9%	814	2.8%
8	94	0.7%	1463	9.8%	1557	5.3%
9	69	0.5%	942	6.3%	1011	3.5%
10	118	0.8%	560	3.8%	678	2.3%
11	219	1.5%	317	2.1%	536	1.8%
12	896	6.3%	223	1.5%	1119	3.8%
13	1255	8.8%	234	1.6%	1489	5.1%
14	1112	7.8%	236	1.6%	1348	4.6%
15	717	5.0%	184	1.2%	901	3.1%
16	335	2.3%	236	1.6%	571	2.0%
17	602	4.2%	172	1.2%	774	2.7%
18	730	5.1%	123	0.8%	853	2.9%
19	514	3.6%	59	0.4%	573	2.0%
20	250	1.8%	51	0.3%	301	1.0%
21	163	1.1%	65	0.4%	228	0.8%
22	175	1.2%	136	0.9%	311	1.1%
23	376	2.6%	126	0.8%	502	1.7%

**4.8 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry points:

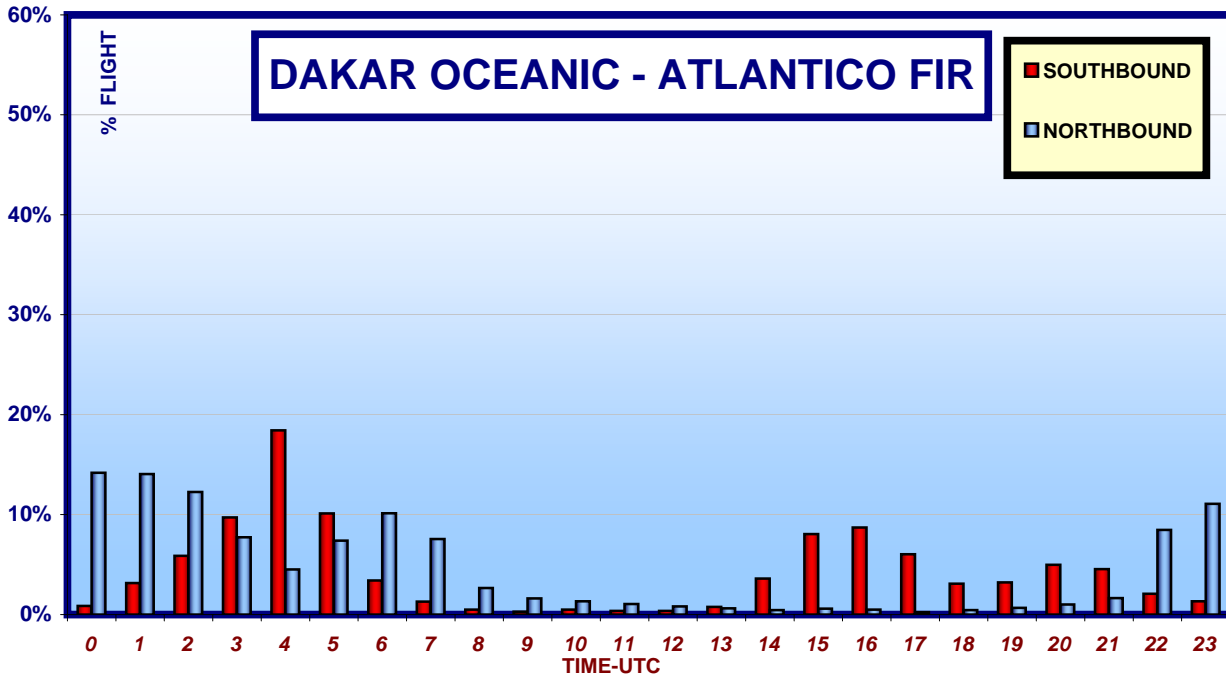


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	171	1.4%	1183	10.0%	1354	5.6%
1	512	4.1%	1324	11.2%	1836	7.6%
2	1991	16.1%	1619	13.7%	3610	14.9%
3	2284	18.5%	1572	13.3%	3856	16.0%
4	1008	8.2%	1045	8.9%	2053	8.5%
5	342	2.8%	568	4.8%	910	3.8%
6	102	0.8%	1003	8.5%	1105	4.6%
7	56	0.5%	1172	9.9%	1228	5.1%
8	39	0.3%	750	6.4%	789	3.3%
9	64	0.5%	365	3.1%	429	1.8%
10	28	0.2%	227	1.9%	255	1.1%
11	53	0.4%	143	1.2%	196	0.8%
12	94	0.8%	155	1.3%	249	1.0%
13	691	5.6%	90	0.8%	781	3.2%
14	1124	9.1%	74	0.6%	1198	5.0%
15	974	7.9%	58	0.5%	1032	4.3%
16	633	5.1%	68	0.6%	701	2.9%
17	284	2.3%	63	0.5%	347	1.4%
18	481	3.9%	29	0.2%	510	2.1%
19	661	5.3%	42	0.4%	703	2.9%
20	459	3.7%	56	0.5%	515	2.1%
21	184	1.5%	109	0.9%	293	1.2%
22	125	1.0%	80	0.7%	205	0.8%
23	107	0.9%	889	7.5%	996	4.1%

**4.9 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry points:

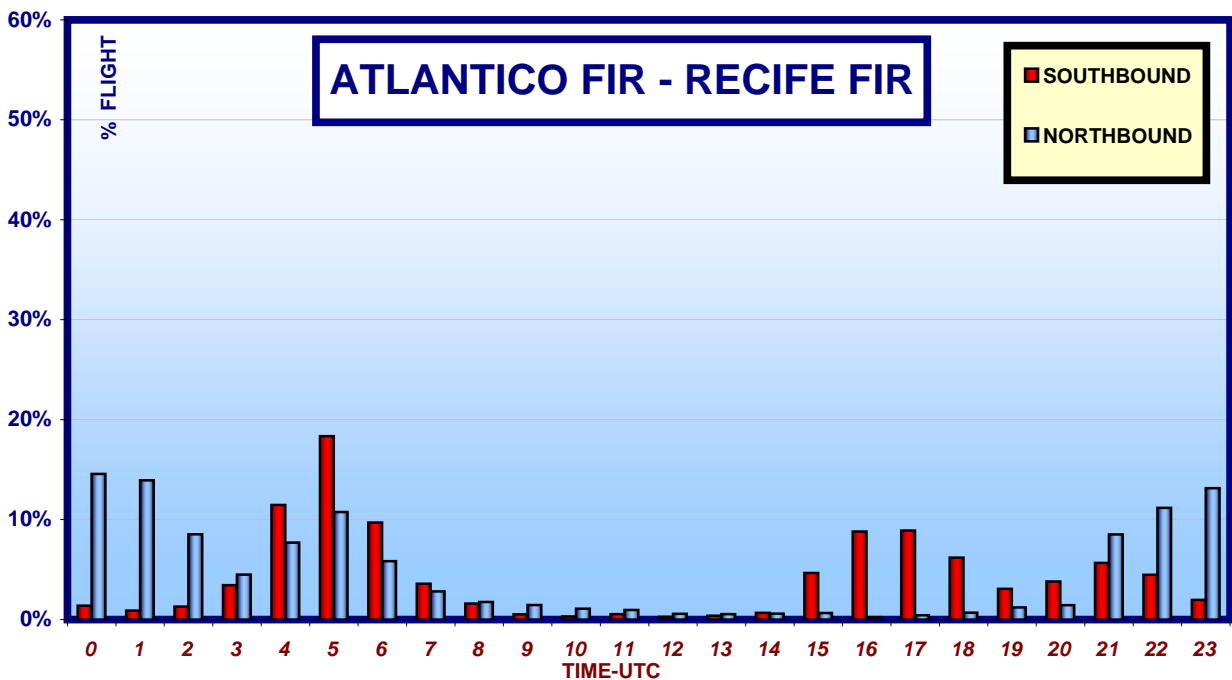


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	106	0.9%	1609	14.2%	1715	7.3%
1	385	3.1%	1594	14.1%	1979	8.4%
2	718	5.9%	1391	12.3%	2109	8.9%
3	1188	9.7%	877	7.7%	2065	8.8%
4	2254	18.4%	512	4.5%	2766	11.7%
5	1238	10.1%	840	7.4%	2078	8.8%
6	418	3.4%	1150	10.1%	1568	6.7%
7	159	1.3%	858	7.6%	1017	4.3%
8	60	0.5%	302	2.7%	362	1.5%
9	35	0.3%	184	1.6%	219	0.9%
10	60	0.5%	150	1.3%	210	0.9%
11	45	0.4%	120	1.1%	165	0.7%
12	46	0.4%	93	0.8%	139	0.6%
13	93	0.8%	70	0.6%	163	0.7%
14	441	3.6%	50	0.4%	491	2.1%
15	985	8.1%	68	0.6%	1053	4.5%
16	1066	8.7%	57	0.5%	1123	4.8%
17	739	6.0%	28	0.2%	767	3.3%
18	377	3.1%	51	0.4%	428	1.8%
19	394	3.2%	76	0.7%	470	2.0%
20	609	5.0%	115	1.0%	724	3.1%
21	556	4.5%	187	1.6%	743	3.2%
22	255	2.1%	961	8.5%	1216	5.2%
23	163	1.3%	1257	11.1%	1420	6.0%

**4.10 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN ATLANTICO AND RECIFE ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry points:



TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	158	1.4%	1541	14.6%	1699	7.7%
1	102	0.9%	1473	13.9%	1575	7.2%
2	147	1.3%	903	8.5%	1050	4.8%
3	392	3.4%	476	4.5%	868	4.0%
4	1302	11.5%	814	7.7%	2116	9.6%
5	2085	18.3%	1138	10.8%	3223	14.7%
6	1103	9.7%	618	5.8%	1721	7.8%
7	407	3.6%	298	2.8%	705	3.2%
8	182	1.6%	186	1.8%	368	1.7%
9	60	0.5%	154	1.5%	214	1.0%
10	35	0.3%	116	1.1%	151	0.7%
11	61	0.5%	101	1.0%	162	0.7%
12	31	0.3%	61	0.6%	92	0.4%
13	43	0.4%	58	0.5%	101	0.5%
14	76	0.7%	63	0.6%	139	0.6%
15	529	4.7%	70	0.7%	599	2.7%
16	1000	8.8%	25	0.2%	1025	4.7%
17	1012	8.9%	46	0.4%	1058	4.8%
18	704	6.2%	73	0.7%	777	3.5%
19	349	3.1%	129	1.2%	478	2.2%
20	433	3.8%	152	1.4%	585	2.7%
21	644	5.7%	901	8.5%	1545	7.0%
22	509	4.5%	1182	11.2%	1691	7.7%
23	223	2.0%	1390	13.1%	1613	7.4%

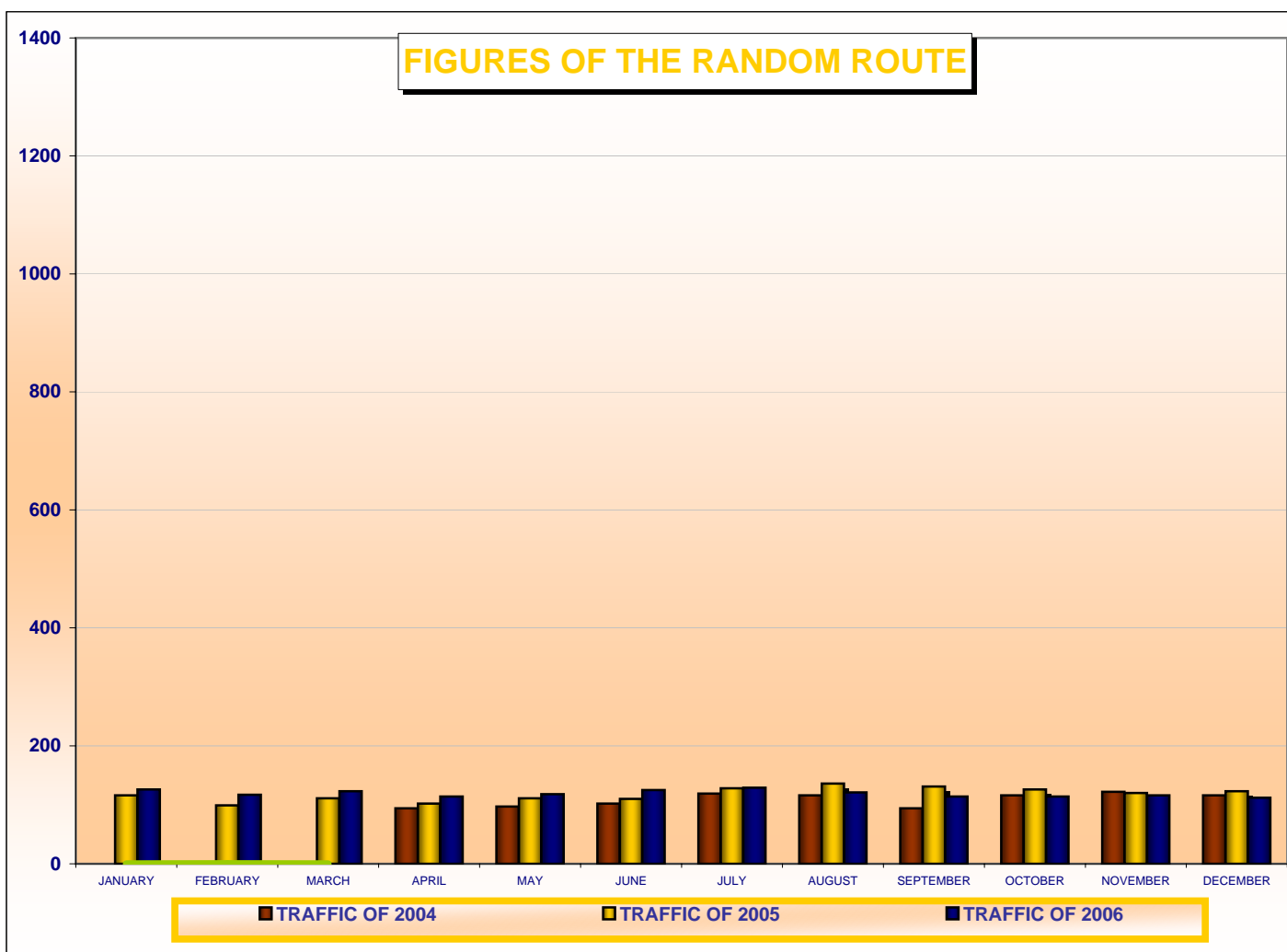


5. ANALYSIS OF THE AIR MOVEMENTES PER ATS ROUTE

5.1 FIGURES OF THE RANDOM ROUTE

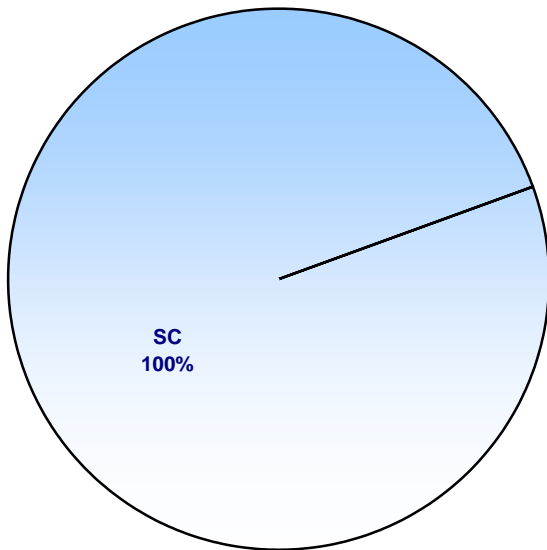
5.1.1 GLOBAL FIGURES

MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE RANDOM ROUTE						% VARIATION	
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY	2004 - 2005	2005 - 2006
JANUARY	60	72	56	54	-	-	116	3	126	4	-	9%
FEBRUARY	56	64	43	53	-	-	99	3	117	4	-	18%
MARCH	59	73	52	50	-	-	111	3	123	3	-	11%
APRIL	58	64	44	50	94	3	102	3	114	3	9%	12%
MAY	56	67	55	51	97	3	111	3	118	3	14%	6%
JUNE	54	69	56	56	102	3	110	3	125	4	8%	14%
JULY	69	70	59	59	119	3	128	4	129	4	8%	1%
AUGUST	75	64	61	57	116	3	136	4	121	3	17%	-11%
SEPTEMBER	72	65	59	49	94	3	131	4	114	3	39%	-13%
OCTOBER	70	67	56	47	116	3	126	4	114	3	9%	-10%
NOVEMBER	66	66	54	50	122	4	120	4	116	3	-2%	-3%
DECEMBER	70	62	53	50	116	3	123	3	112	3	6%	-9%
<b>AVERAGE</b>	<b>64</b>	<b>67</b>	<b>54</b>	<b>52</b>	<b>108</b>	<b>3</b>	<b>118</b>	<b>3</b>	<b>119</b>	<b>3</b>	<b>12%</b>	<b>2%</b>

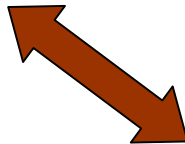


5.1.2 NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA

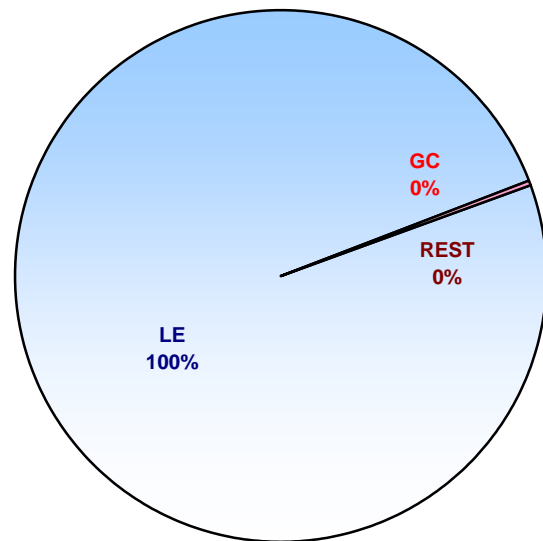
Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SC	1413	1429	1%



COUNTRY	2005	2006	VAR %
LE	1408	1425	1%
GC	4	3	-25%
REST	1	1	0%



5.1.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR

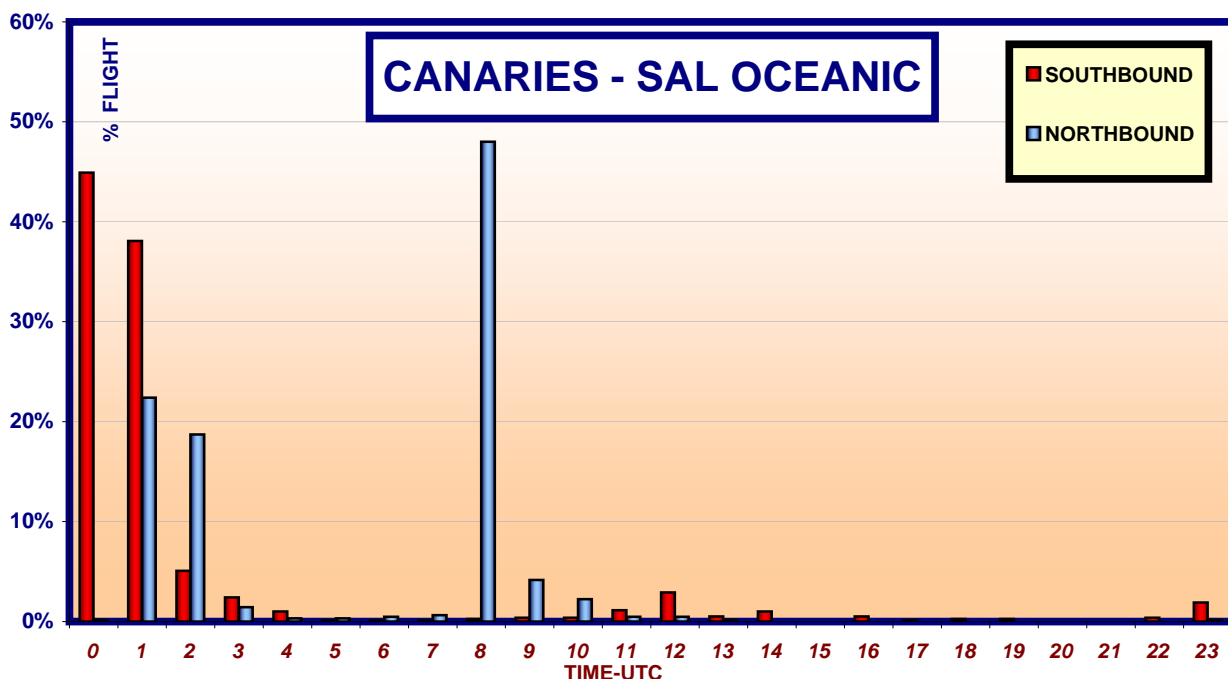
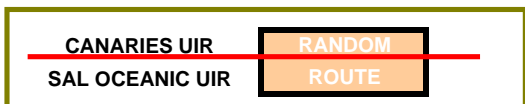
Comparative figures 2005/2006.

AIRCRAFT OPERATOR	DATA OF 2005	DATA OF 2006	% VARIATION 2005 - 2006
LAN	725	690	-4.8%
IBE	616	619	0.5%
DRD	69	113	63.8%
IB6		2	
GES	3	2	-33.3%
REST		3	

5.1.4 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

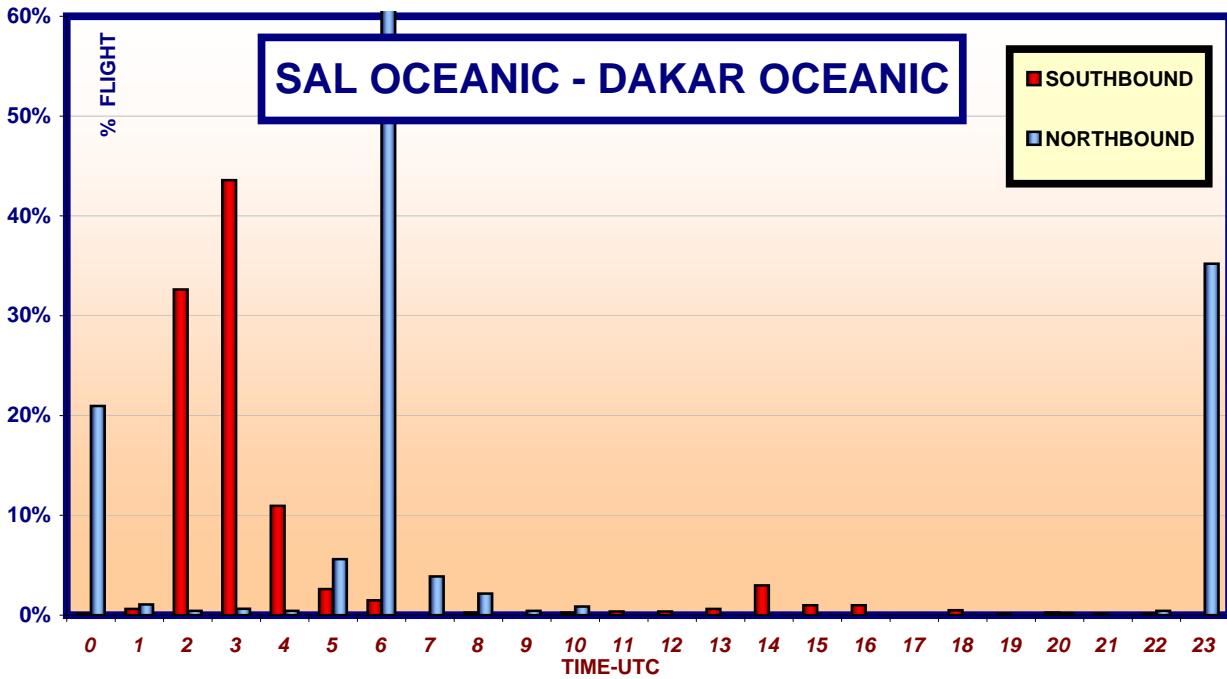
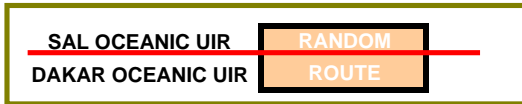


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	354	44.9%	1	0.2%	355	25.1%
1	300	38.1%	140	22.4%	440	31.1%
2	40	5.1%	117	18.7%	157	11.1%
3	19	2.4%	9	1.4%	28	2.0%
4	8	1.0%	2	0.3%	10	0.7%
5	1	0.1%	2	0.3%	3	0.2%
6	1	0.1%	3	0.5%	4	0.3%
7	1	0.1%	4	0.6%	5	0.4%
8	2	0.3%	300	48.0%	302	21.4%
9	3	0.4%	26	4.2%	29	2.1%
10	3	0.4%	14	2.2%	17	1.2%
11	9	1.1%	3	0.5%	12	0.8%
12	23	2.9%	3	0.5%	26	1.8%
13	4	0.5%	1	0.2%	5	0.4%
14	8	1.0%	0	0.0%	8	0.6%
15	0	0.0%	0	0.0%	0	0.0%
16	4	0.5%	0	0.0%	4	0.3%
17	1	0.1%	0	0.0%	1	0.1%
18	2	0.3%	0	0.0%	2	0.1%
19	2	0.3%	0	0.0%	2	0.1%
20	0	0.0%	0	0.0%	0	0.0%
21	0	0.0%	0	0.0%	0	0.0%
22	3	0.4%	0	0.0%	3	0.2%
23	15	1.9%	1	0.2%	16	1.1%

5.1.5 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:



TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	1	0.1%	97	21.0%	98	7.7%
1	5	0.6%	5	1.1%	10	0.8%
2	262	32.6%	2	0.4%	264	20.9%
3	350	43.6%	3	0.6%	353	27.9%
4	88	11.0%	2	0.4%	90	7.1%
5	21	2.6%	26	5.6%	47	3.7%
6	12	1.5%	291	62.9%	303	23.9%
7	0	0.0%	18	3.9%	18	1.4%
8	2	0.2%	10	2.2%	12	0.9%
9	0	0.0%	2	0.4%	2	0.2%
10	2	0.2%	4	0.9%	6	0.5%
11	3	0.4%	0	0.0%	3	0.2%
12	3	0.4%	0	0.0%	3	0.2%
13	5	0.6%	0	0.0%	5	0.4%
14	24	3.0%	0	0.0%	24	1.9%
15	8	1.0%	0	0.0%	8	0.6%
16	8	1.0%	0	0.0%	8	0.6%
17	0	0.0%	0	0.0%	0	0.0%
18	4	0.5%	0	0.0%	4	0.3%
19	1	0.1%	0	0.0%	1	0.1%
20	2	0.2%	1	0.2%	3	0.2%
21	1	0.1%	0	0.0%	1	0.1%
22	1	0.1%	2	0.4%	3	0.2%
23	0	0.0%	163	35.2%	163	12.9%

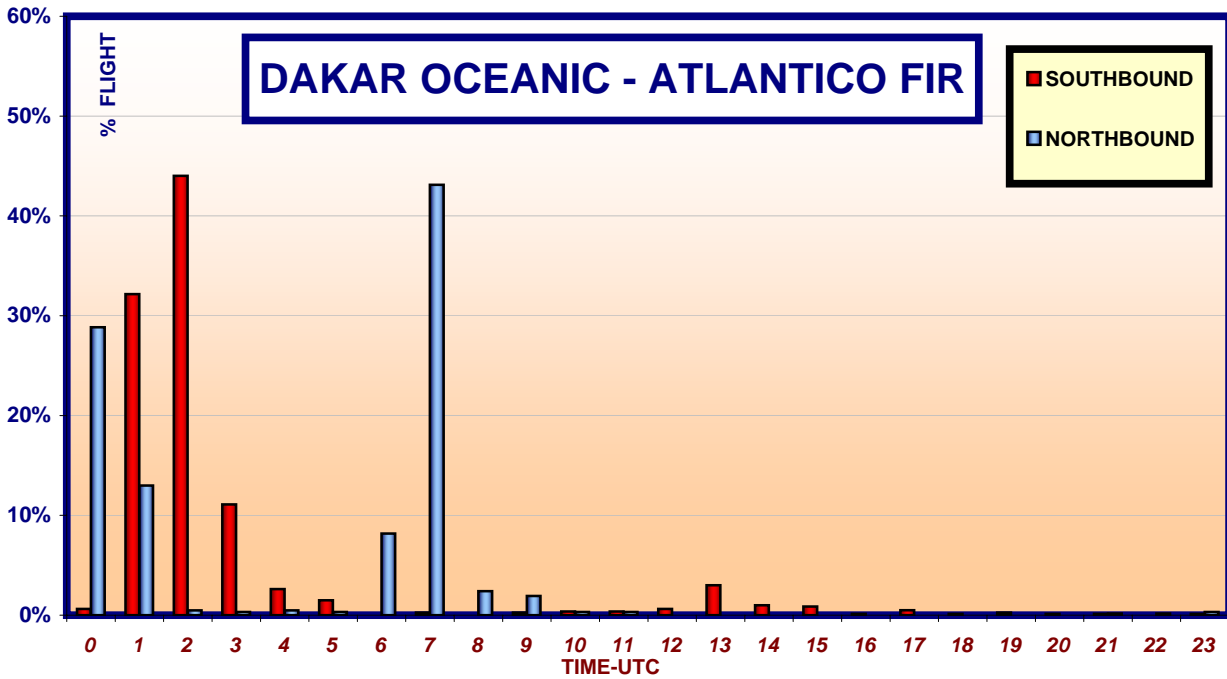
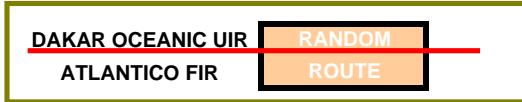




5.1.6 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC'S

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

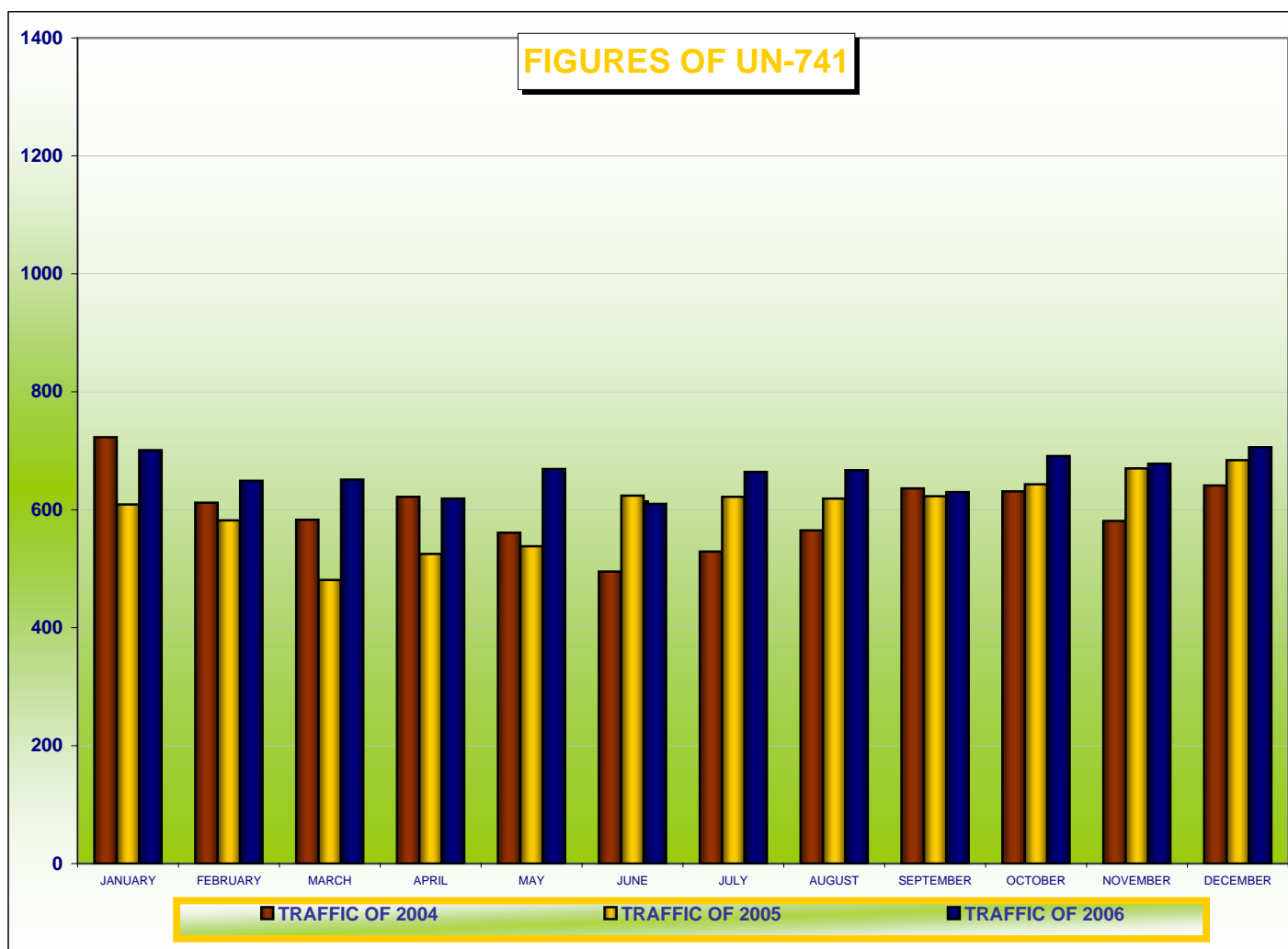


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	5	0.6%	180	28.8%	185	13.0%
1	258	32.2%	81	13.0%	339	23.8%
2	353	44.0%	3	0.5%	356	25.0%
3	89	11.1%	2	0.3%	91	6.4%
4	21	2.6%	3	0.5%	24	1.7%
5	12	1.5%	2	0.3%	14	1.0%
6	0	0.0%	51	8.2%	51	3.6%
7	2	0.2%	269	43.1%	271	19.0%
8	0	0.0%	15	2.4%	15	1.1%
9	2	0.2%	12	1.9%	14	1.0%
10	3	0.4%	2	0.3%	5	0.4%
11	3	0.4%	2	0.3%	5	0.4%
12	5	0.6%	0	0.0%	5	0.4%
13	24	3.0%	0	0.0%	24	1.7%
14	8	1.0%	0	0.0%	8	0.6%
15	7	0.9%	0	0.0%	7	0.5%
16	1	0.1%	0	0.0%	1	0.1%
17	4	0.5%	0	0.0%	4	0.3%
18	1	0.1%	0	0.0%	1	0.1%
19	2	0.2%	0	0.0%	2	0.1%
20	1	0.1%	0	0.0%	1	0.1%
21	1	0.1%	1	0.2%	2	0.1%
22	0	0.0%	1	0.2%	1	0.1%
23	1	0.1%	2	0.3%	3	0.2%

**5.2 FIGURES OF THE UN-741 ROUTE**

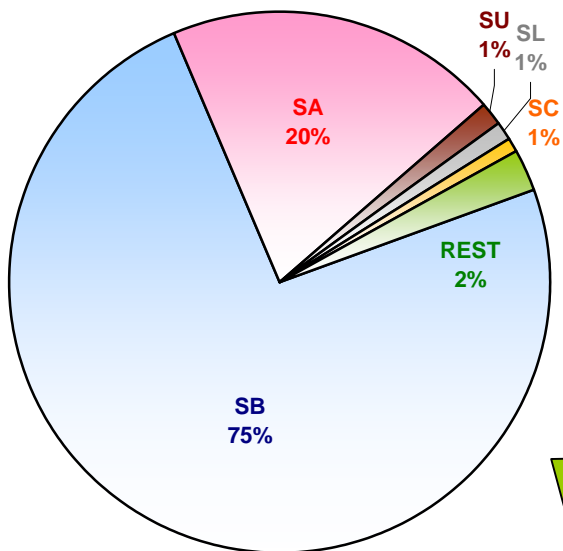
**5.2.1 GLOBAL FIGURES**

MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN UN-741						% VARIATION 2004 - 2005	% VARIATION 2005 - 2006
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY		
JANUARY	390	453	219	248	723	23	609	19	701	22	-16%	15%
FEBRUARY	473	419	109	230	612	21	582	20	649	23	-5%	12%
MARCH	243	399	238	252	583	18	481	15	651	21	-17%	35%
APRIL	340	411	185	208	622	20	525	17	619	20	-16%	18%
MAY	343	410	195	259	561	18	538	17	669	21	-4%	24%
JUNE	467	371	157	239	495	16	624	20	610	20	26%	-2%
JULY	358	480	264	184	529	17	622	20	664	21	18%	7%
AUGUST	375	414	244	253	565	18	619	19	667	21	10%	8%
SEPTEMBER	434	353	189	277	636	21	623	20	630	21	-2%	1%
OCTOBER	451	417	192	274	631	20	643	20	691	22	2%	7%
NOVEMBER	424	379	246	299	581	19	670	22	678	22	15%	1%
DECEMBER	399	376	285	330	641	20	684	22	706	22	7%	3%
<b>AVERAGE</b>	<b>391</b>	<b>407</b>	<b>210</b>	<b>254</b>	<b>598</b>	<b>19</b>	<b>602</b>	<b>19</b>	<b>661</b>	<b>21</b>	<b>1%</b>	<b>11%</b>



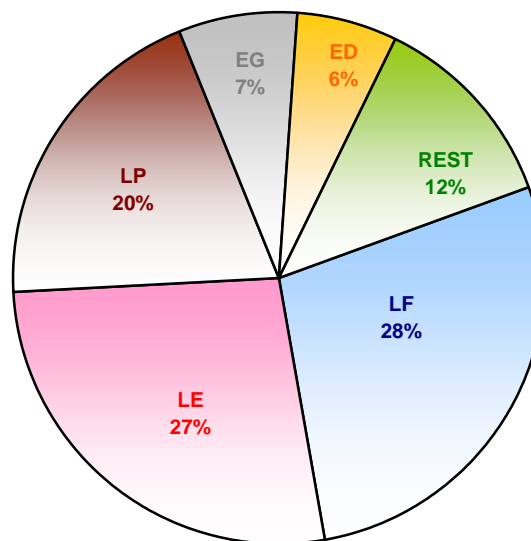
5.2.2 NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA

Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SB	5201	5890	13%
SA	1609	1589	-1%
SU	77	96	25%
SL	117	95	-19%
SC	29	77	166%
REST	187	188	1%

COUNTRY	2005	2006	VAR %
LF	1903	2210	16%
LE	1801	2136	19%
LP	1324	1570	19%
EG	632	573	-9%
ED	590	470	-20%
REST	970	976	1%



5.2.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR

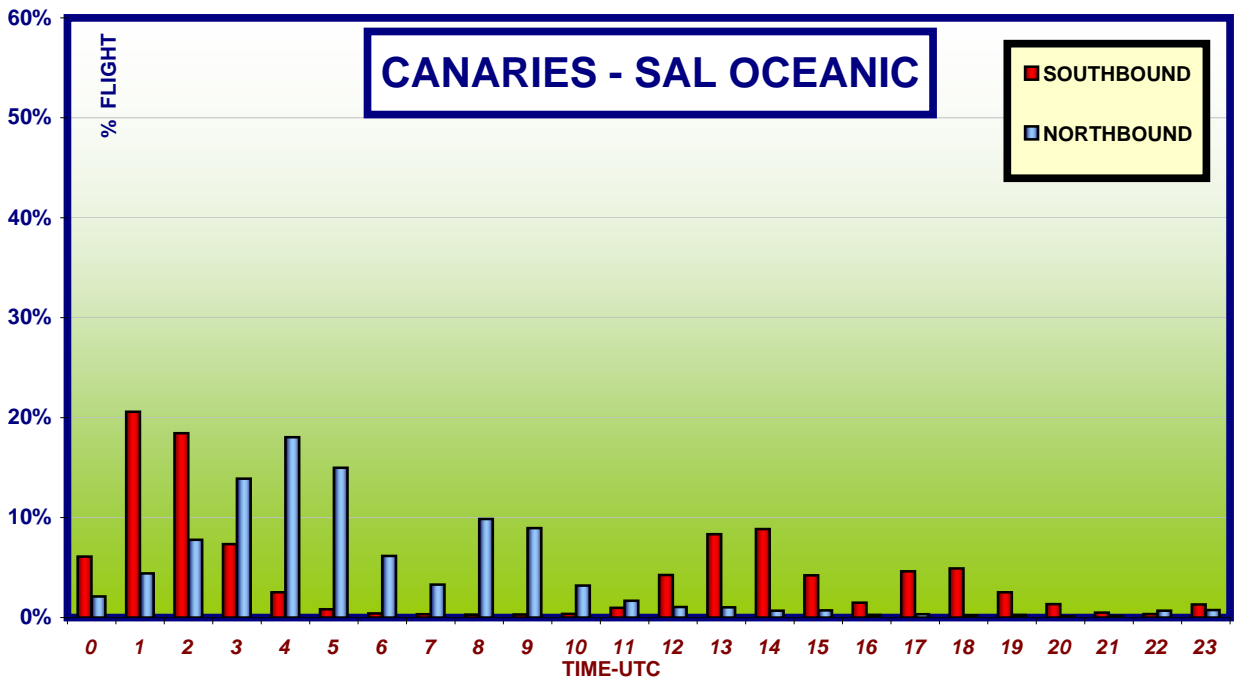
Comparative figures 2005/2006.

AIRCRAFT OPERATOR	DATA OF 2005	DATA OF 2006	% VARIATION 2005 - 2006
TAP	986	1385	40.5%
AFR	1048	1344	28.2%
IBE	948	1069	12.8%
TAM	560	798	42.5%
VRG	1517	781	-48.5%
DRD	5	476	9420.0%
ARG	428	398	-7.0%
KLM	276	355	28.6%
BAW	175	191	9.1%
REST	1277	1138	-10.9%

5.2.4 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

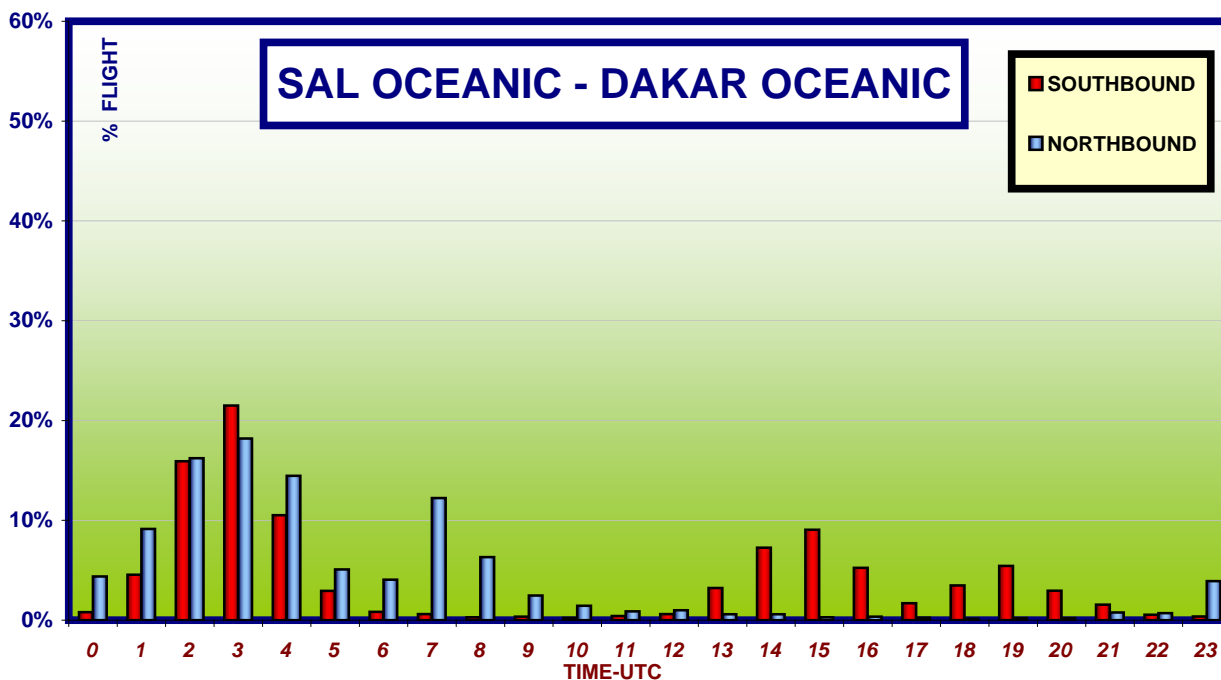


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	294	6.1%	64	2.1%	358	4.6%
1	992	20.6%	134	4.4%	1126	14.3%
2	889	18.4%	236	7.8%	1125	14.3%
3	354	7.3%	421	13.9%	775	9.9%
4	122	2.5%	547	18.1%	669	8.5%
5	40	0.8%	454	15.0%	494	6.3%
6	20	0.4%	187	6.2%	207	2.6%
7	16	0.3%	100	3.3%	116	1.5%
8	14	0.3%	299	9.9%	313	4.0%
9	15	0.3%	271	8.9%	286	3.6%
10	18	0.4%	97	3.2%	115	1.5%
11	47	1.0%	51	1.7%	98	1.2%
12	205	4.3%	32	1.1%	237	3.0%
13	402	8.3%	31	1.0%	433	5.5%
14	427	8.9%	21	0.7%	448	5.7%
15	204	4.2%	22	0.7%	226	2.9%
16	72	1.5%	8	0.3%	80	1.0%
17	223	4.6%	10	0.3%	233	3.0%
18	237	4.9%	7	0.2%	244	3.1%
19	122	2.5%	8	0.3%	130	1.7%
20	65	1.3%	4	0.1%	69	0.9%
21	24	0.5%	5	0.2%	29	0.4%
22	17	0.4%	21	0.7%	38	0.5%
23	63	1.3%	23	0.8%	86	1.1%

5.2.5 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

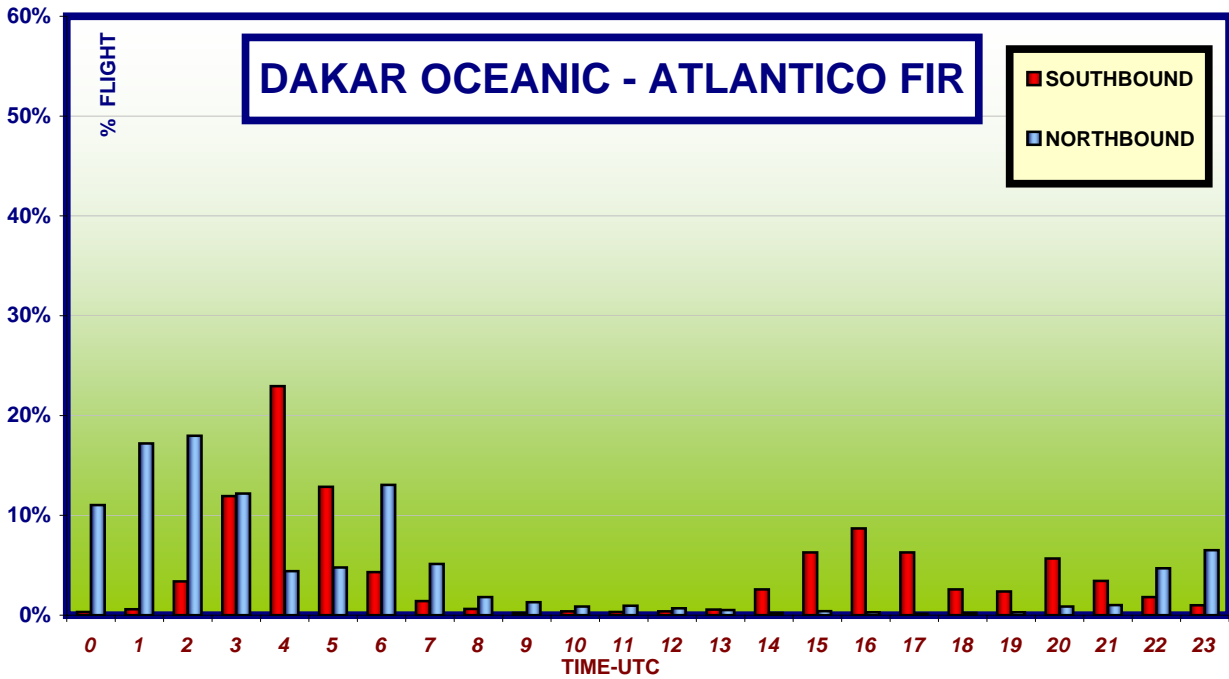


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	38	0.8%	124	4.4%	162	2.1%
1	218	4.6%	259	9.1%	477	6.3%
2	761	15.9%	460	16.2%	1221	16.0%
3	1028	21.5%	516	18.2%	1544	20.3%
4	503	10.5%	410	14.5%	913	12.0%
5	140	2.9%	144	5.1%	284	3.7%
6	40	0.8%	115	4.1%	155	2.0%
7	29	0.6%	347	12.2%	376	4.9%
8	14	0.3%	179	6.3%	193	2.5%
9	17	0.4%	70	2.5%	87	1.1%
10	11	0.2%	41	1.4%	52	0.7%
11	20	0.4%	25	0.9%	45	0.6%
12	29	0.6%	28	1.0%	57	0.7%
13	154	3.2%	17	0.6%	171	2.2%
14	347	7.3%	17	0.6%	364	4.8%
15	433	9.1%	8	0.3%	441	5.8%
16	251	5.2%	10	0.4%	261	3.4%
17	81	1.7%	7	0.2%	88	1.2%
18	166	3.5%	4	0.1%	170	2.2%
19	260	5.4%	6	0.2%	266	3.5%
20	141	2.9%	6	0.2%	147	1.9%
21	74	1.5%	22	0.8%	96	1.3%
22	26	0.5%	20	0.7%	46	0.6%
23	18	0.4%	111	3.9%	129	1.7%

5.2.6 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

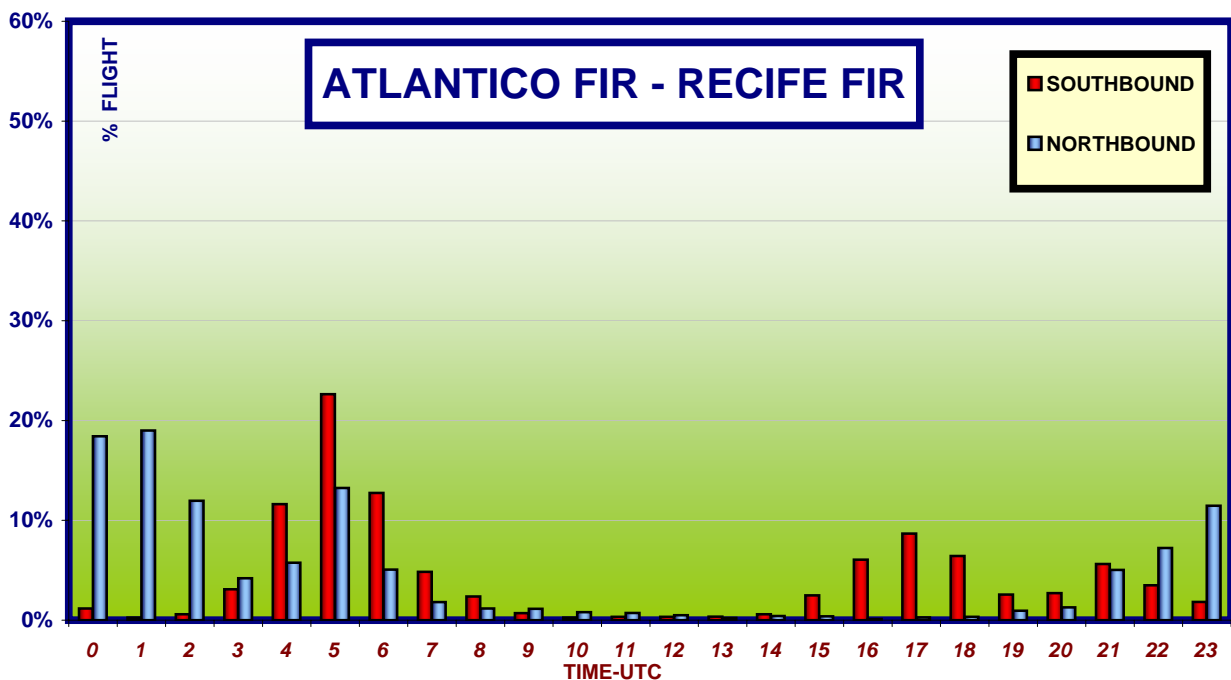


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	15	0.3%	305	11.0%	320	4.3%
1	28	0.6%	476	17.2%	504	6.7%
2	161	3.4%	497	18.0%	658	8.8%
3	567	11.9%	337	12.2%	904	12.0%
4	1090	22.9%	122	4.4%	1212	16.1%
5	611	12.9%	132	4.8%	743	9.9%
6	205	4.3%	361	13.1%	566	7.5%
7	67	1.4%	142	5.1%	209	2.8%
8	30	0.6%	50	1.8%	80	1.1%
9	11	0.2%	36	1.3%	47	0.6%
10	18	0.4%	24	0.9%	42	0.6%
11	15	0.3%	26	0.9%	41	0.5%
12	18	0.4%	19	0.7%	37	0.5%
13	27	0.6%	14	0.5%	41	0.5%
14	123	2.6%	6	0.2%	129	1.7%
15	299	6.3%	11	0.4%	310	4.1%
16	413	8.7%	8	0.3%	421	5.6%
17	299	6.3%	4	0.1%	303	4.0%
18	123	2.6%	6	0.2%	129	1.7%
19	113	2.4%	8	0.3%	121	1.6%
20	270	5.7%	24	0.9%	294	3.9%
21	163	3.4%	28	1.0%	191	2.5%
22	86	1.8%	130	4.7%	216	2.9%
23	47	1.0%	180	6.5%	227	3.0%

5.2.7 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN ATLANTICO AND RECIFE ACC'S

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

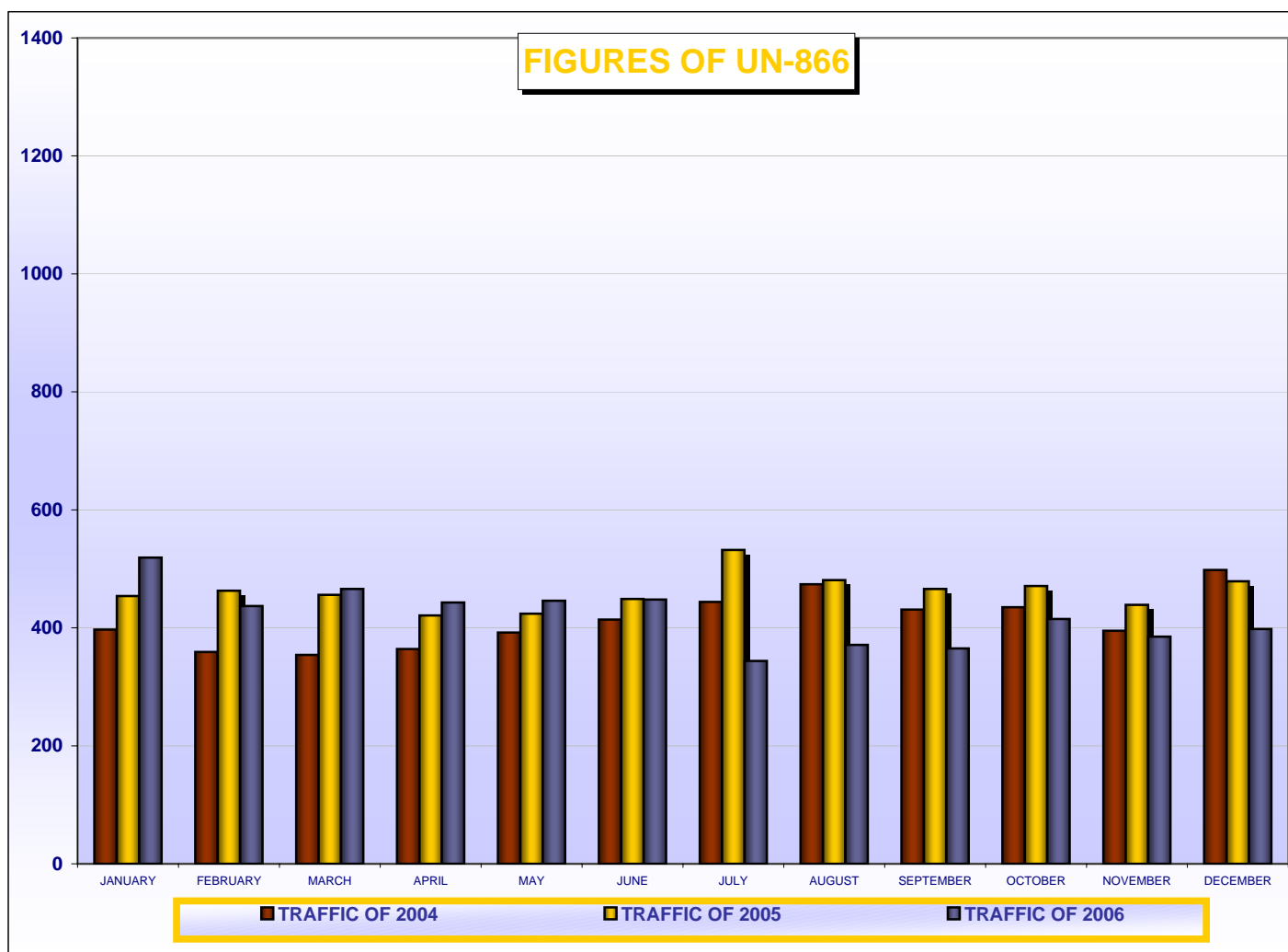


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	55	1.2%	487	18.4%	542	7.4%
1	12	0.3%	502	19.0%	514	7.0%
2	28	0.6%	316	12.0%	344	4.7%
3	146	3.1%	111	4.2%	257	3.5%
4	548	11.6%	152	5.8%	700	9.5%
5	1067	22.6%	350	13.2%	1417	19.3%
6	601	12.8%	134	5.1%	735	10.0%
7	228	4.8%	48	1.8%	276	3.8%
8	112	2.4%	31	1.2%	143	1.9%
9	33	0.7%	30	1.1%	63	0.9%
10	12	0.3%	21	0.8%	33	0.4%
11	16	0.3%	19	0.7%	35	0.5%
12	16	0.3%	13	0.5%	29	0.4%
13	17	0.4%	6	0.2%	23	0.3%
14	28	0.6%	11	0.4%	39	0.5%
15	117	2.5%	10	0.4%	127	1.7%
16	286	6.1%	3	0.1%	289	3.9%
17	409	8.7%	7	0.3%	416	5.7%
18	303	6.4%	9	0.3%	312	4.2%
19	121	2.6%	25	0.9%	146	2.0%
20	128	2.7%	34	1.3%	162	2.2%
21	265	5.6%	133	5.0%	398	5.4%
22	165	3.5%	191	7.2%	356	4.8%
23	86	1.8%	303	11.5%	389	5.3%

**5.3 FIGURES OF THE UN-866 ROUTE**

**5.3.1 GLOBAL FIGURES**

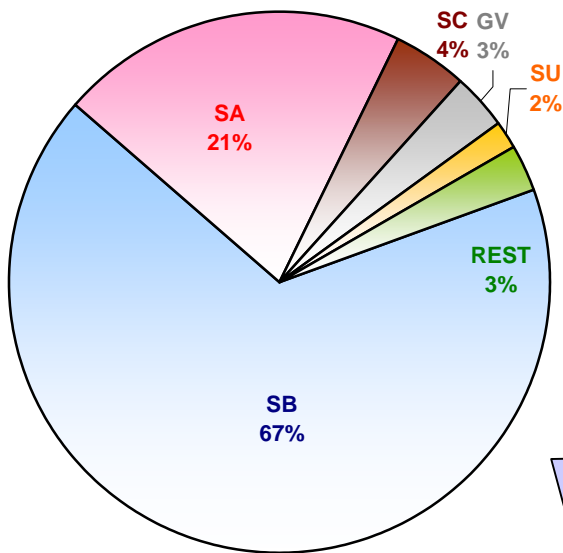
MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN UN-866						% VARIATION	
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY	2004 - 2005	2005 - 2006
JANUARY	122	122	332	397	397	12	454	14	519	16	14%	14%
FEBRUARY	163	95	300	342	359	12	463	16	437	15	29%	-6%
MARCH	136	126	320	340	354	11	456	14	466	15	29%	2%
APRIL	143	119	278	324	364	12	421	14	443	14	16%	5%
MAY	134	168	290	278	392	12	424	13	446	14	8%	5%
JUNE	141	156	308	292	414	13	449	14	448	14	8%	0%
JULY	192	110	340	234	444	14	532	17	344	11	20%	-35%
AUGUST	166	114	315	257	474	15	481	15	371	11	1%	-23%
SEPTEMBER	166	111	300	254	431	14	466	15	365	12	8%	-22%
OCTOBER	171	106	300	309	435	14	471	15	415	13	8%	-12%
NOVEMBER	134	106	305	279	395	13	439	14	385	12	11%	-12%
DECEMBER	121	79	358	319	498	16	479	15	398	12	-4%	-17%
<b>AVERAGE</b>	<b>149</b>	<b>118</b>	<b>312</b>	<b>302</b>	<b>413</b>	<b>13</b>	<b>461</b>	<b>15</b>	<b>420</b>	<b>13</b>	<b>12%</b>	<b>-8%</b>





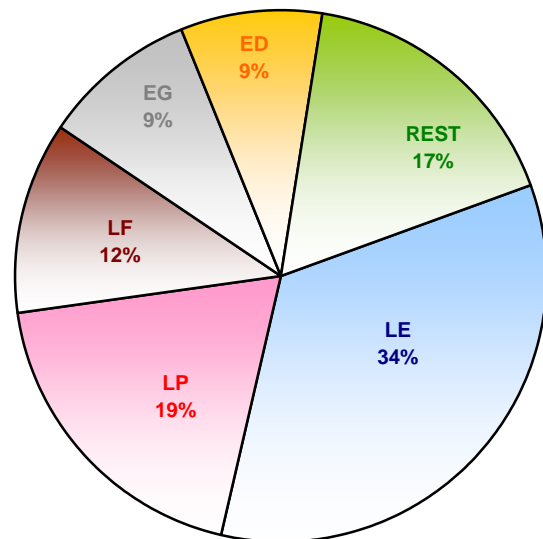
5.3.2 NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA

Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SB	4116	3374	-18%
SA	1097	1049	-4%
SC	150	221	47%
GV	115	163	42%
SU	48	96	100%
REST	9	134	1389%

COUNTRY	2005	2006	VAR %
LE	1478	1719	16%
LP	1258	967	-23%
LF	1005	582	-42%
EG	567	477	-16%
ED	376	437	16%
REST	851	855	0%



5.3.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR

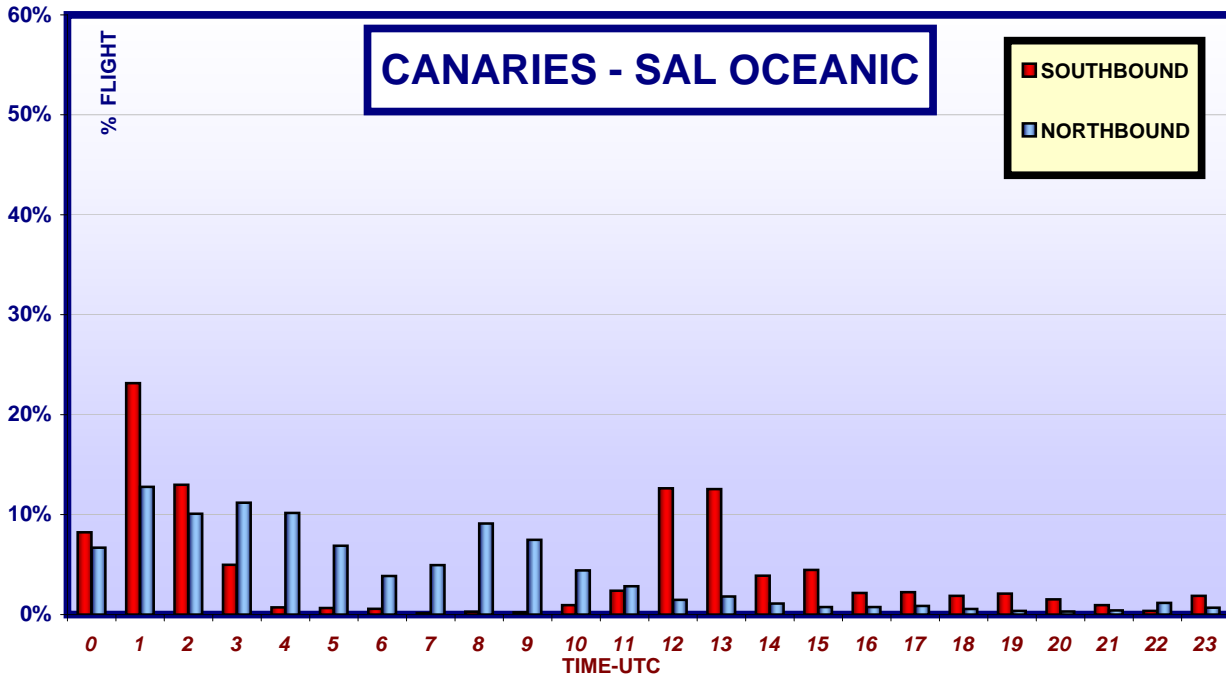
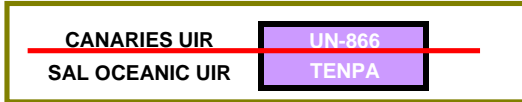
Comparative figures 2005/2006.

AIRCRAFT OPERATOR	DATA OF 2005	DATA OF 2006	% VARIATION 2005 - 2006
IBE	739	867	17.3%
VRG	1525	775	-49.2%
TAP	887	744	-16.1%
DRD	294	634	115.6%
TAM	475	339	-28.6%
BAW	309	295	-4.5%
DLH	234	195	-16.7%
ARG	139	188	35.3%
AFR	203	167	-17.7%
REST	730	833	14.1%

5.3.4 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

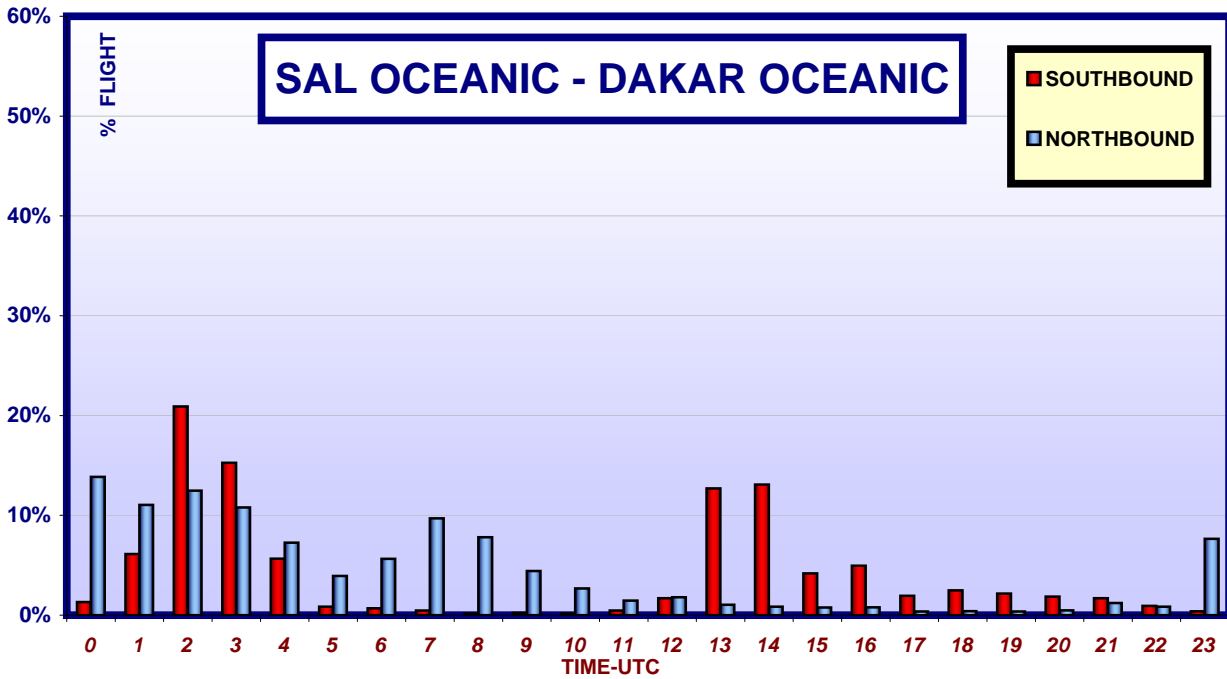


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	114	8.2%	241	6.7%	355	7.1%
1	321	23.2%	460	12.8%	781	15.7%
2	180	13.0%	363	10.1%	543	10.9%
3	69	5.0%	403	11.2%	472	9.5%
4	10	0.7%	366	10.2%	376	7.5%
5	9	0.6%	248	6.9%	257	5.2%
6	8	0.6%	139	3.9%	147	2.9%
7	2	0.1%	178	4.9%	180	3.6%
8	4	0.3%	328	9.1%	332	6.7%
9	3	0.2%	269	7.5%	272	5.5%
10	13	0.9%	159	4.4%	172	3.4%
11	33	2.4%	102	2.8%	135	2.7%
12	175	12.6%	53	1.5%	228	4.6%
13	174	12.6%	65	1.8%	239	4.8%
14	54	3.9%	40	1.1%	94	1.9%
15	62	4.5%	27	0.8%	89	1.8%
16	30	2.2%	27	0.8%	57	1.1%
17	31	2.2%	31	0.9%	62	1.2%
18	26	1.9%	20	0.6%	46	0.9%
19	29	2.1%	13	0.4%	42	0.8%
20	21	1.5%	11	0.3%	32	0.6%
21	13	0.9%	15	0.4%	28	0.6%
22	5	0.4%	42	1.2%	47	0.9%
23	26	1.9%	25	0.7%	51	1.0%

5.3.5 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

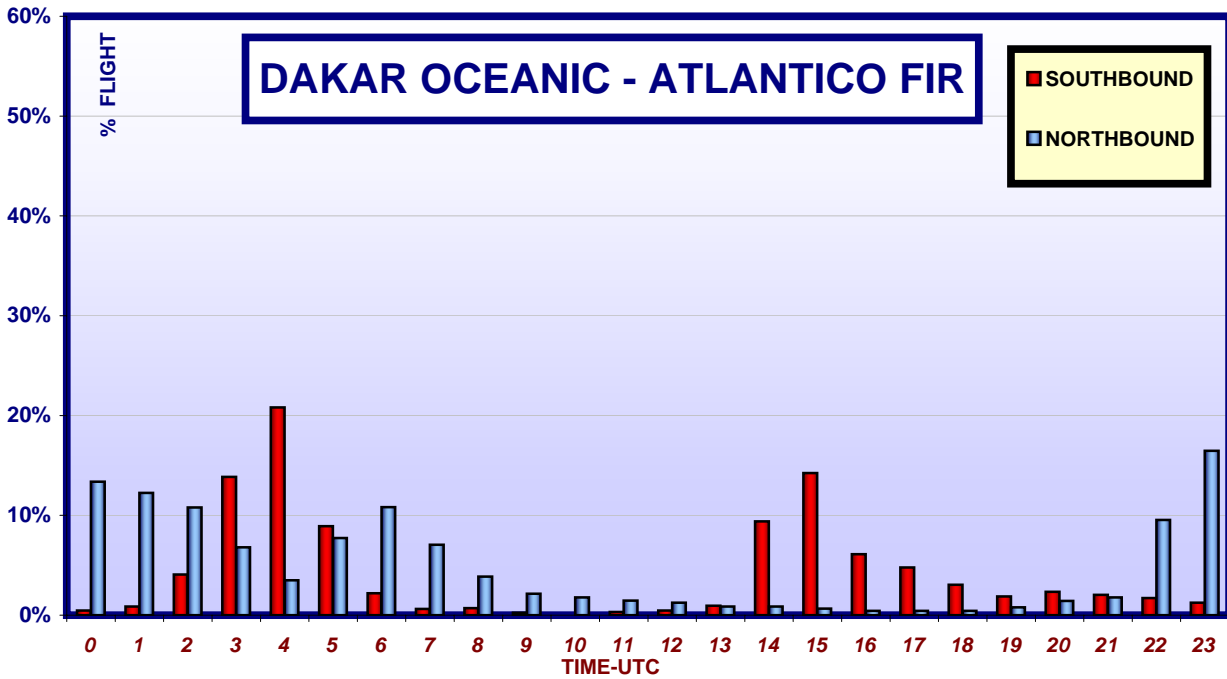
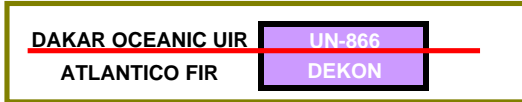


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	17	1.3%	454	13.8%	471	10.3%
1	79	6.1%	362	11.0%	441	9.6%
2	270	20.9%	409	12.5%	679	14.9%
3	197	15.3%	354	10.8%	551	12.1%
4	73	5.7%	238	7.3%	311	6.8%
5	11	0.9%	129	3.9%	140	3.1%
6	9	0.7%	185	5.6%	194	4.2%
7	6	0.5%	318	9.7%	324	7.1%
8	2	0.2%	256	7.8%	258	5.6%
9	3	0.2%	145	4.4%	148	3.2%
10	2	0.2%	88	2.7%	90	2.0%
11	6	0.5%	48	1.5%	54	1.2%
12	22	1.7%	59	1.8%	81	1.8%
13	164	12.7%	34	1.0%	198	4.3%
14	169	13.1%	28	0.9%	197	4.3%
15	54	4.2%	25	0.8%	79	1.7%
16	64	5.0%	26	0.8%	90	2.0%
17	25	1.9%	12	0.4%	37	0.8%
18	32	2.5%	13	0.4%	45	1.0%
19	28	2.2%	12	0.4%	40	0.9%
20	24	1.9%	16	0.5%	40	0.9%
21	22	1.7%	40	1.2%	62	1.4%
22	12	0.9%	28	0.9%	40	0.9%
23	5	0.4%	251	7.7%	256	5.6%

5.3.6 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC's

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

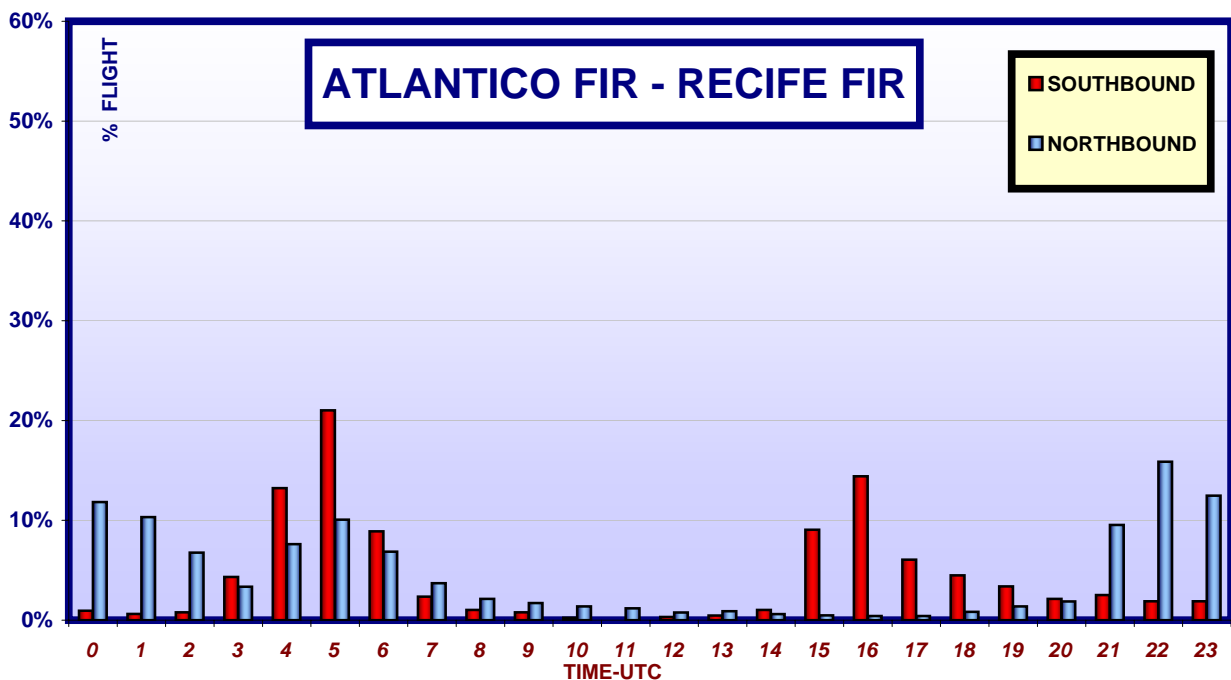
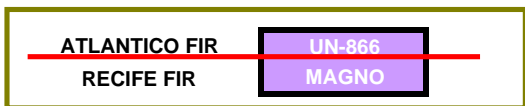


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	6	0.5%	405	13.4%	411	9.5%
1	11	0.9%	371	12.2%	382	8.9%
2	52	4.1%	327	10.8%	379	8.8%
3	177	13.8%	206	6.8%	383	8.9%
4	266	20.8%	106	3.5%	372	8.6%
5	114	8.9%	234	7.7%	348	8.1%
6	28	2.2%	328	10.8%	356	8.3%
7	8	0.6%	214	7.1%	222	5.2%
8	9	0.7%	117	3.9%	126	2.9%
9	3	0.2%	65	2.1%	68	1.6%
10	0	0.0%	54	1.8%	54	1.3%
11	4	0.3%	44	1.5%	48	1.1%
12	6	0.5%	38	1.3%	44	1.0%
13	12	0.9%	26	0.9%	38	0.9%
14	120	9.4%	26	0.9%	146	3.4%
15	182	14.2%	20	0.7%	202	4.7%
16	78	6.1%	13	0.4%	91	2.1%
17	61	4.8%	13	0.4%	74	1.7%
18	39	3.1%	13	0.4%	52	1.2%
19	24	1.9%	24	0.8%	48	1.1%
20	30	2.3%	43	1.4%	73	1.7%
21	26	2.0%	54	1.8%	80	1.9%
22	22	1.7%	289	9.5%	311	7.2%
23	16	1.3%	499	16.5%	515	12.0%

5.3.7 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN ATLANTICO AND RECIFE ACC'S

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

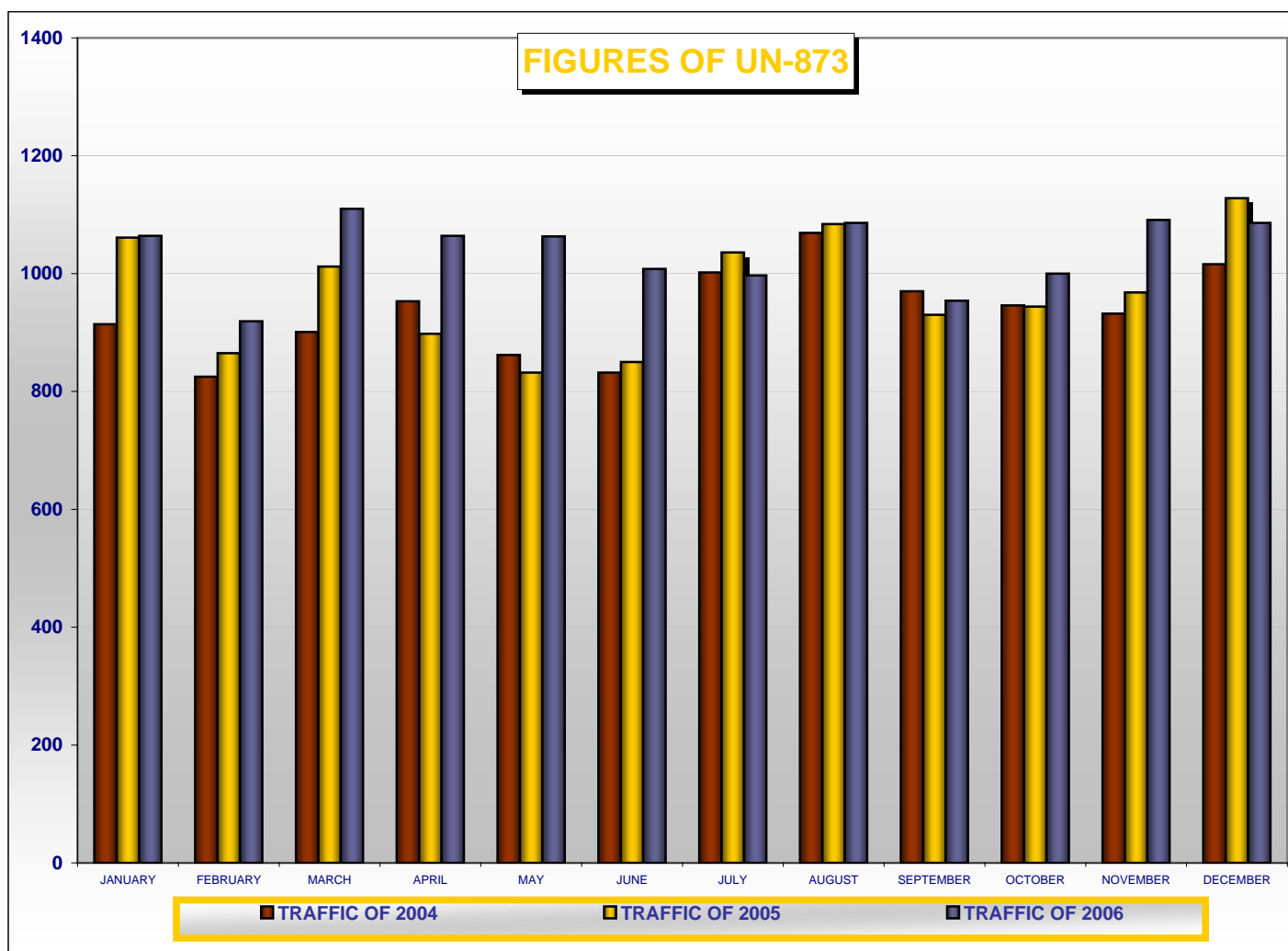


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	12	0.9%	371	11.8%	383	8.7%
1	8	0.6%	324	10.3%	332	7.5%
2	10	0.8%	212	6.8%	222	5.0%
3	55	4.3%	105	3.3%	160	3.6%
4	168	13.2%	239	7.6%	407	9.2%
5	267	21.0%	316	10.1%	583	13.2%
6	113	8.9%	215	6.9%	328	7.4%
7	30	2.4%	116	3.7%	146	3.3%
8	13	1.0%	67	2.1%	80	1.8%
9	10	0.8%	54	1.7%	64	1.5%
10	3	0.2%	43	1.4%	46	1.0%
11	0	0.0%	37	1.2%	37	0.8%
12	4	0.3%	24	0.8%	28	0.6%
13	6	0.5%	28	0.9%	34	0.8%
14	13	1.0%	19	0.6%	32	0.7%
15	115	9.1%	15	0.5%	130	3.0%
16	183	14.4%	13	0.4%	196	4.4%
17	77	6.1%	13	0.4%	90	2.0%
18	57	4.5%	26	0.8%	83	1.9%
19	43	3.4%	43	1.4%	86	2.0%
20	27	2.1%	59	1.9%	86	2.0%
21	32	2.5%	299	9.5%	331	7.5%
22	24	1.9%	498	15.9%	522	11.8%
23	24	1.9%	391	12.5%	415	9.4%

**5.4 FIGURES OF THE UN-873 ROUTE**

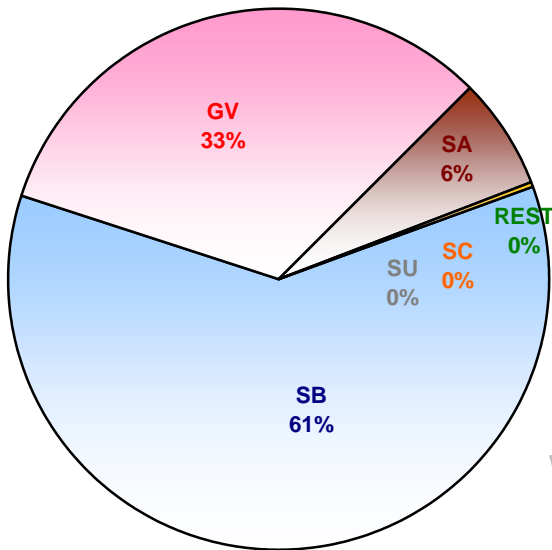
**5.4.1 GLOBAL DATA**

MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN UN-873						% VARIATION	
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY	2004 - 2005	2005 - 2006
JANUARY	504	501	557	563	914	29	1061	34	1064	34	16%	0%
FEBRUARY	319	416	546	503	825	28	865	30	919	32	5%	6%
MARCH	485	533	527	577	901	29	1012	32	1110	35	12%	10%
APRIL	375	478	523	586	953	31	898	29	1064	35	-6%	18%
MAY	313	474	519	589	862	27	832	26	1063	34	-3%	28%
JUNE	297	461	553	547	832	27	850	28	1008	33	2%	19%
JULY	428	386	608	611	1002	32	1036	33	997	32	3%	-4%
AUGUST	436	491	648	595	1069	34	1084	34	1086	35	1%	0%
SEPTEMBER	369	424	561	530	970	32	930	31	954	31	-4%	3%
OCTOBER	378	469	566	531	946	30	944	30	1000	32	0%	6%
NOVEMBER	406	503	562	588	932	31	968	32	1091	36	4%	13%
DECEMBER	492	549	636	537	1016	32	1128	36	1086	35	11%	-4%
<b>AVERAGE</b>	<b>400</b>	<b>474</b>	<b>567</b>	<b>563</b>	<b>935</b>	<b>30</b>	<b>967</b>	<b>31</b>	<b>1037</b>	<b>34</b>	<b>3%</b>	<b>8%</b>



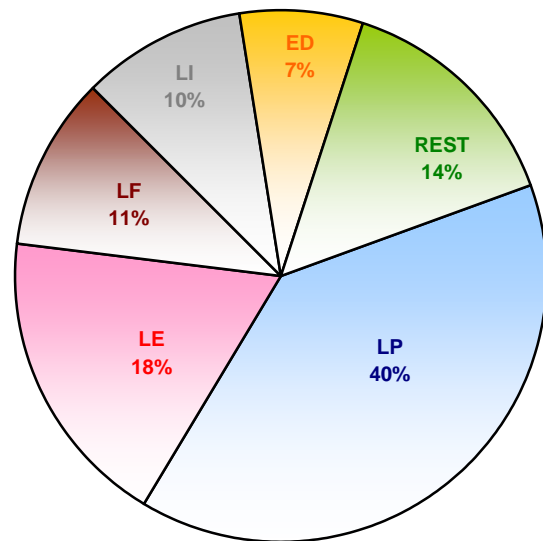
5.4.2 NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA

Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SB	7553	7534	0%
GV	3339	4056	21%
SA	662	805	22%
SU	18	21	17%
SC	7	12	71%
REST	29	14	-52%

COUNTRY	2005	2006	VAR %
LP	4705	4878	4%
LE	2128	2289	8%
LF	1157	1312	13%
LI	1124	1244	11%
ED	1091	923	-15%
REST	1403	1796	28%



5.4.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR

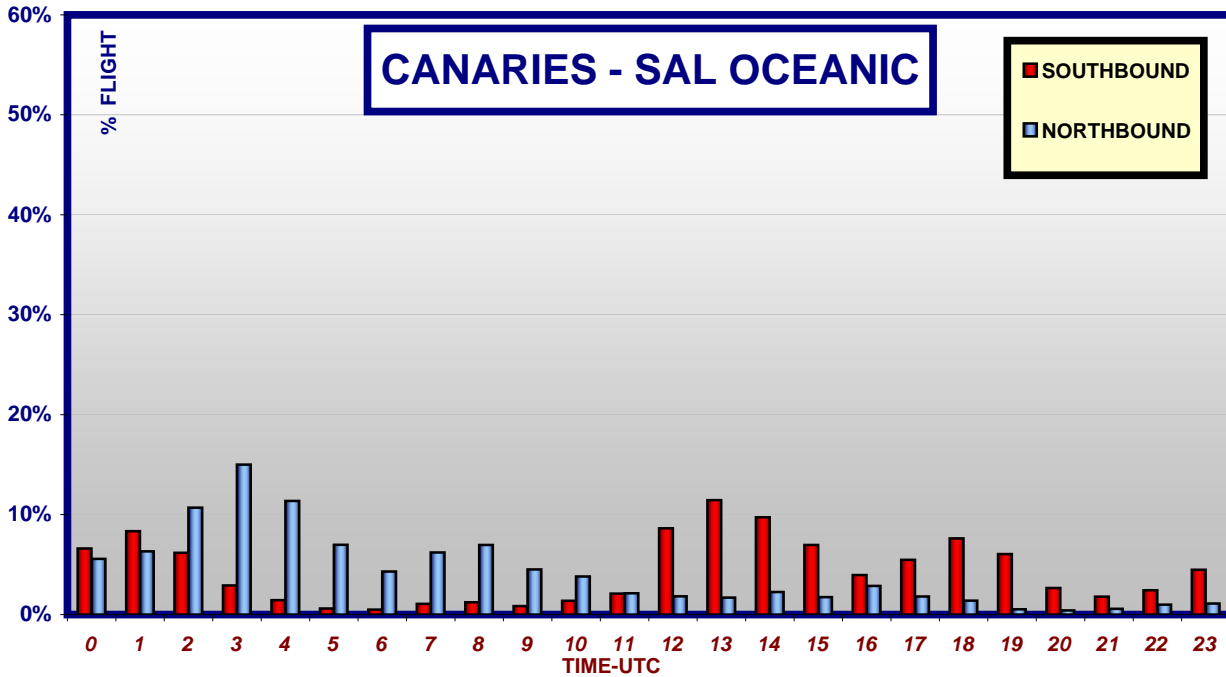
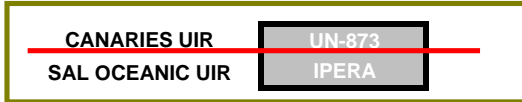
Comparative figures 2005/2006.

AIRCRAFT OPERATOR	DATA OF 2005	DATA OF 2006	% VARIATION 2005 - 2006
TAP	2769	3169	14.4%
TCV	1423	1407	-1.1%
VRG	1783	761	-57.3%
IBE	665	755	13.5%
AFR	644	583	-9.5%
TAM	140	396	182.9%
BRB	252	393	56.0%
AEA	346	389	12.4%
NOS	322	372	15.5%
REST	3264	4217	29.2%

**5.4.4 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:



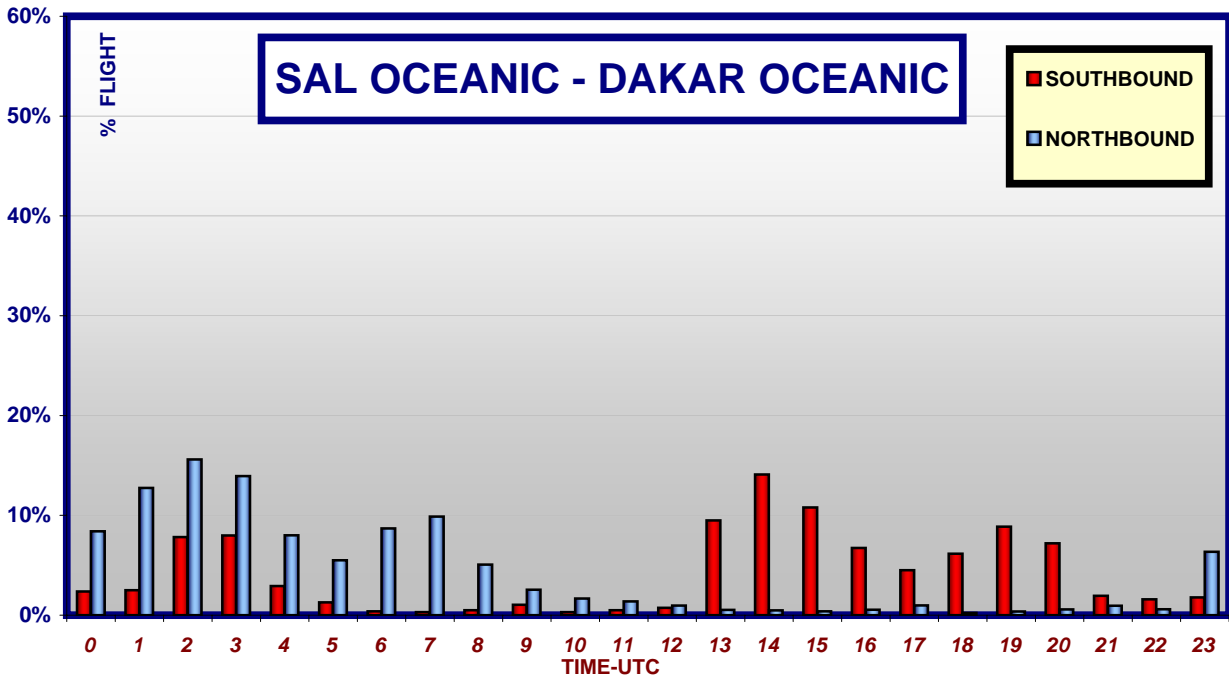
TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	360	6.6%	372	5.6%	732	6.0%
1	454	8.3%	423	6.3%	877	7.2%
2	336	6.2%	715	10.7%	1051	8.7%
3	159	2.9%	1003	15.0%	1162	9.6%
4	78	1.4%	760	11.4%	838	6.9%
5	33	0.6%	467	7.0%	500	4.1%
6	27	0.5%	288	4.3%	315	2.6%
7	58	1.1%	415	6.2%	473	3.9%
8	67	1.2%	465	7.0%	532	4.4%
9	46	0.8%	302	4.5%	348	2.9%
10	75	1.4%	255	3.8%	330	2.7%
11	114	2.1%	142	2.1%	256	2.1%
12	470	8.6%	122	1.8%	592	4.9%
13	623	11.5%	113	1.7%	736	6.1%
14	530	9.7%	151	2.3%	681	5.6%
15	379	7.0%	117	1.8%	496	4.1%
16	215	4.0%	192	2.9%	407	3.4%
17	298	5.5%	121	1.8%	419	3.5%
18	415	7.6%	93	1.4%	508	4.2%
19	329	6.0%	35	0.5%	364	3.0%
20	145	2.7%	28	0.4%	173	1.4%
21	98	1.8%	38	0.6%	136	1.1%
22	132	2.4%	66	1.0%	198	1.6%
23	244	4.5%	74	1.1%	318	2.6%



**5.5.5 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

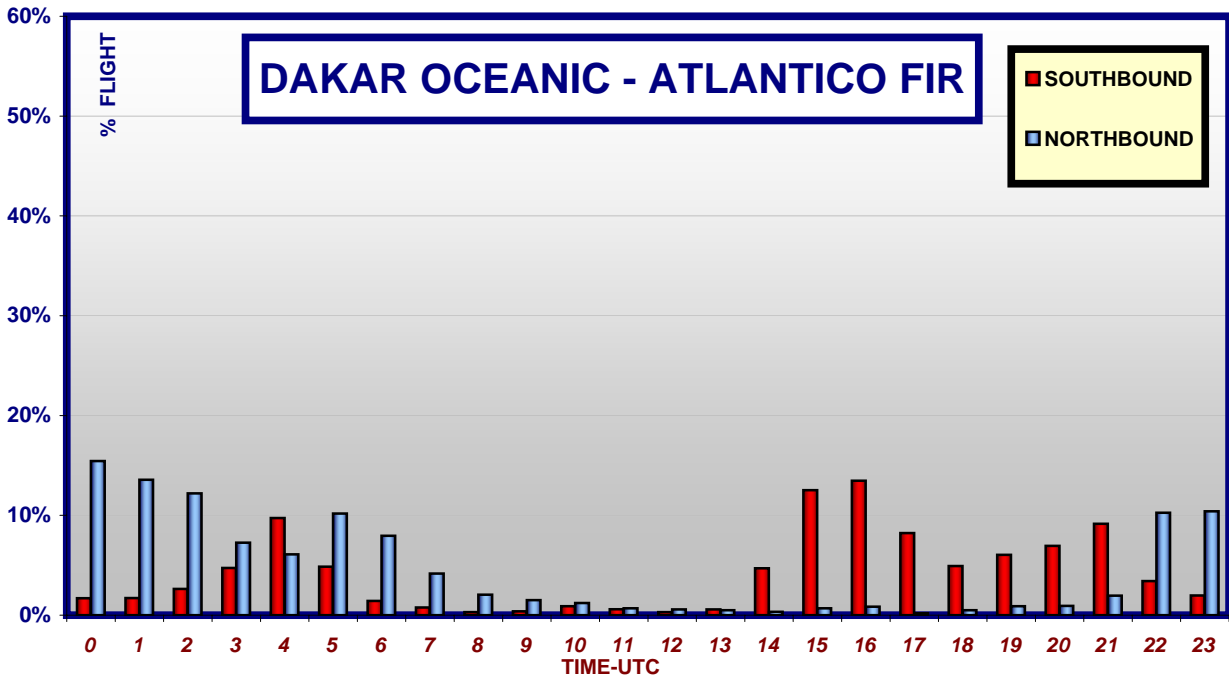
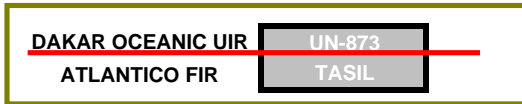


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	87	2.4%	367	8.4%	454	5.7%
1	92	2.5%	556	12.7%	648	8.1%
2	287	7.8%	681	15.6%	968	12.1%
3	293	8.0%	608	13.9%	901	11.2%
4	107	2.9%	349	8.0%	456	5.7%
5	47	1.3%	240	5.5%	287	3.6%
6	14	0.4%	379	8.7%	393	4.9%
7	11	0.3%	431	9.9%	442	5.5%
8	18	0.5%	221	5.1%	239	3.0%
9	38	1.0%	111	2.5%	149	1.9%
10	11	0.3%	73	1.7%	84	1.0%
11	18	0.5%	60	1.4%	78	1.0%
12	27	0.7%	42	1.0%	69	0.9%
13	348	9.5%	23	0.5%	371	4.6%
14	517	14.1%	21	0.5%	538	6.7%
15	396	10.8%	17	0.4%	413	5.1%
16	247	6.7%	24	0.5%	271	3.4%
17	165	4.5%	43	1.0%	208	2.6%
18	226	6.2%	10	0.2%	236	2.9%
19	325	8.9%	16	0.4%	341	4.2%
20	264	7.2%	25	0.6%	289	3.6%
21	71	1.9%	41	0.9%	112	1.4%
22	58	1.6%	26	0.6%	84	1.0%
23	65	1.8%	277	6.3%	342	4.3%

**5.4.6 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

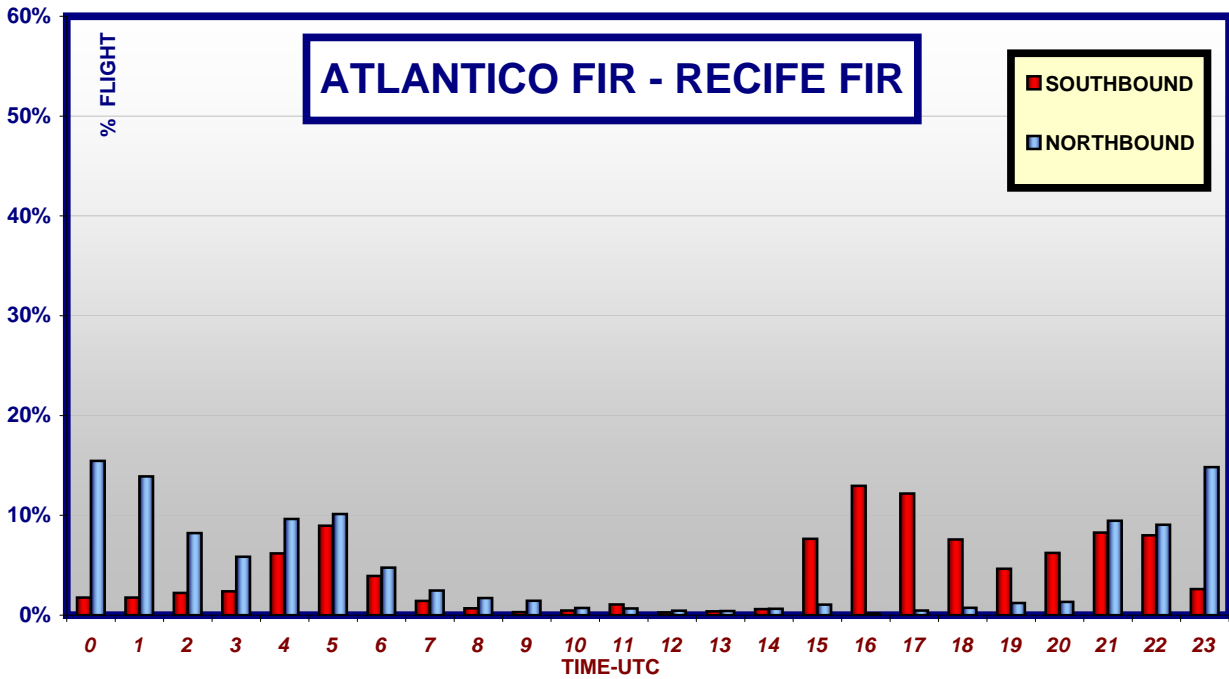
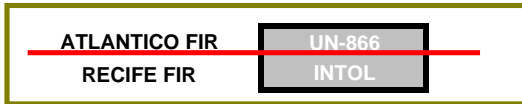


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	62	1.7%	649	15.4%	711	9.0%
1	63	1.7%	570	13.6%	633	8.1%
2	96	2.6%	513	12.2%	609	7.7%
3	173	4.7%	305	7.3%	478	6.1%
4	356	9.7%	256	6.1%	612	7.8%
5	178	4.9%	428	10.2%	606	7.7%
6	52	1.4%	334	7.9%	386	4.9%
7	28	0.8%	175	4.2%	203	2.6%
8	11	0.3%	86	2.0%	97	1.2%
9	14	0.4%	63	1.5%	77	1.0%
10	33	0.9%	51	1.2%	84	1.1%
11	22	0.6%	29	0.7%	51	0.6%
12	11	0.3%	24	0.6%	35	0.4%
13	21	0.6%	21	0.5%	42	0.5%
14	172	4.7%	14	0.3%	186	2.4%
15	458	12.5%	29	0.7%	487	6.2%
16	493	13.5%	36	0.9%	529	6.7%
17	301	8.2%	8	0.2%	309	3.9%
18	180	4.9%	21	0.5%	201	2.6%
19	221	6.0%	38	0.9%	259	3.3%
20	254	6.9%	39	0.9%	293	3.7%
21	335	9.2%	82	2.0%	417	5.3%
22	125	3.4%	431	10.3%	556	7.1%
23	72	2.0%	437	10.4%	509	6.5%

**5.4.7 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN ATLANTICO AND RECIFE ACC'S**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

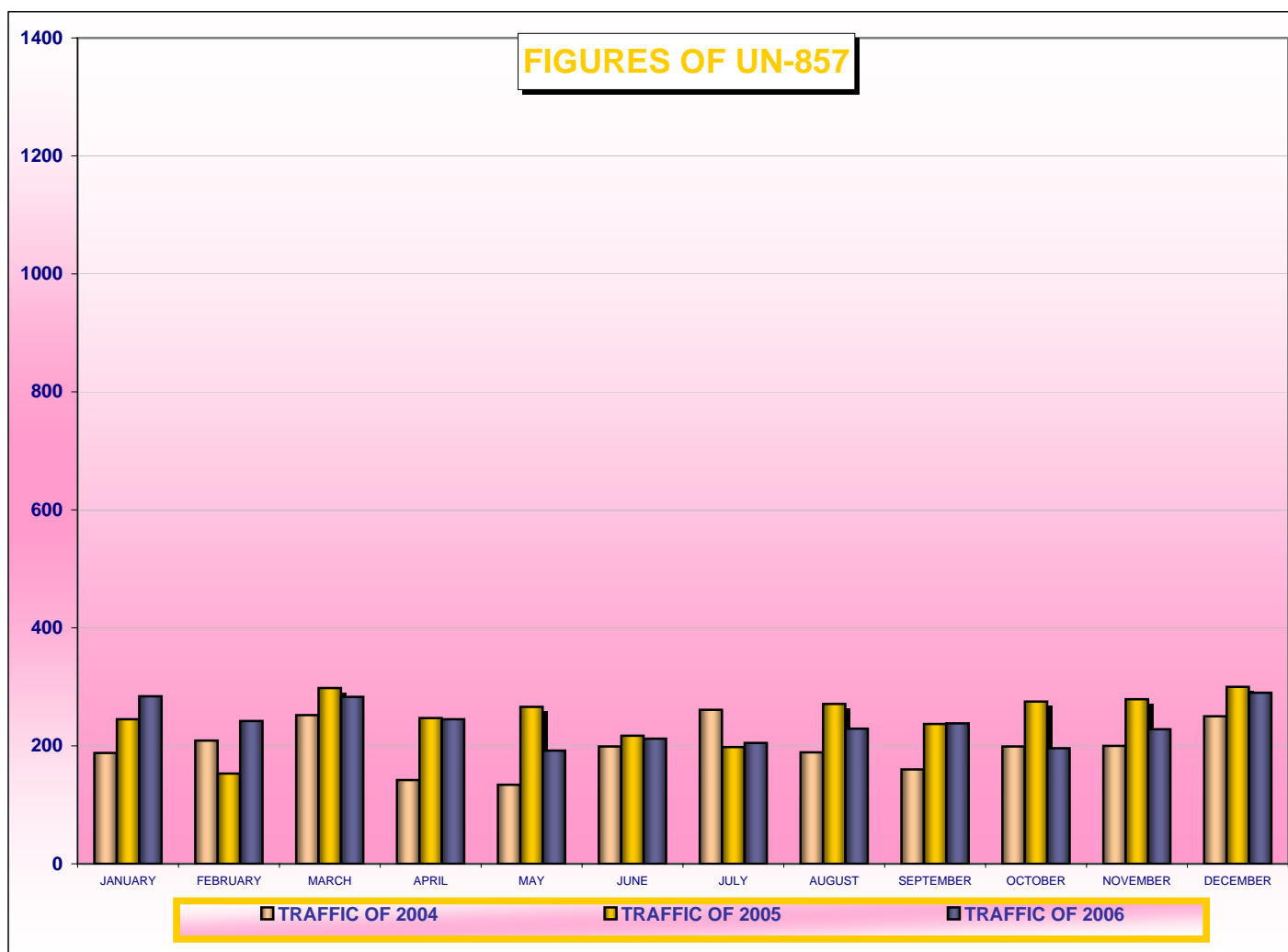


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	64	1.8%	624	15.5%	688	9.0%
1	64	1.8%	561	13.9%	625	8.1%
2	81	2.2%	332	8.2%	413	5.4%
3	87	2.4%	236	5.8%	323	4.2%
4	225	6.2%	389	9.6%	614	8.0%
5	326	9.0%	409	10.1%	735	9.6%
6	143	3.9%	192	4.8%	335	4.4%
7	52	1.4%	100	2.5%	152	2.0%
8	25	0.7%	69	1.7%	94	1.2%
9	11	0.3%	58	1.4%	69	0.9%
10	17	0.5%	29	0.7%	46	0.6%
11	39	1.1%	27	0.7%	66	0.9%
12	10	0.3%	18	0.4%	28	0.4%
13	14	0.4%	17	0.4%	31	0.4%
14	22	0.6%	26	0.6%	48	0.6%
15	278	7.6%	43	1.1%	321	4.2%
16	471	13.0%	7	0.2%	478	6.2%
17	443	12.2%	19	0.5%	462	6.0%
18	276	7.6%	30	0.7%	306	4.0%
19	169	4.6%	49	1.2%	218	2.8%
20	227	6.2%	54	1.3%	281	3.7%
21	301	8.3%	382	9.5%	683	8.9%
22	291	8.0%	366	9.1%	657	8.6%
23	95	2.6%	599	14.8%	694	9.0%

**5.5 FIGURES OF THE UN-857 ROUTE**

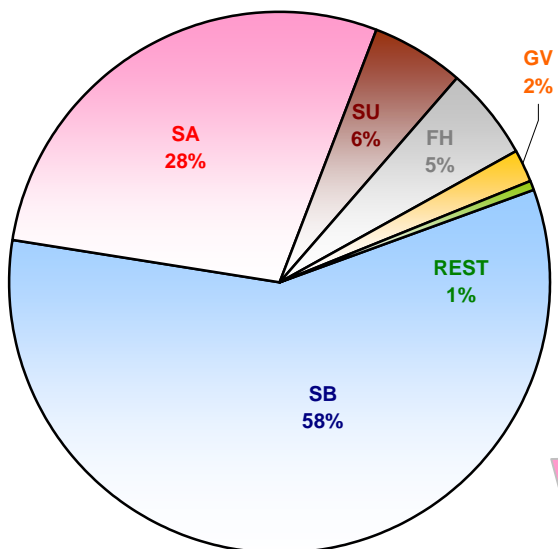
**5.5.1 GLOBAL FIGURES**

MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN UN-857						% VARIATION	
	2005	2006	2005	2006	2004	DAILY	2005	DAILY	2006	DAILY	2004 - 2005	2005 - 2006
JANUARY	189	182	56	102	188	6	245	7	284	9	30%	16%
FEBRUARY	85	158	68	84	209	7	153	5	242	8	-27%	58%
MARCH	230	208	68	75	252	8	298	9	283	9	18%	-5%
APRIL	152	145	95	100	142	4	247	8	245	8	74%	-1%
MAY	184	118	82	74	134	4	266	8	192	6	99%	-28%
JUNE	119	123	98	89	199	6	217	7	212	7	9%	-2%
JULY	180	96	18	109	261	8	198	6	205	6	-24%	4%
AUGUST	188	132	83	97	189	6	271	8	229	7	43%	-15%
SEPTEMBER	146	154	91	84	160	5	237	7	238	7	48%	0%
OCTOBER	170	145	105	51	199	6	275	8	196	6	38%	-29%
NOVEMBER	187	177	92	51	200	6	279	9	228	7	40%	-18%
DECEMBER	205	231	95	59	250	8	300	9	290	9	20%	-3%
<b>AVERAGE</b>	<b>170</b>	<b>156</b>	<b>79</b>	<b>81</b>	<b>199</b>	<b>6</b>	<b>249</b>	<b>8</b>	<b>237</b>	<b>7</b>	<b>31%</b>	<b>-2%</b>



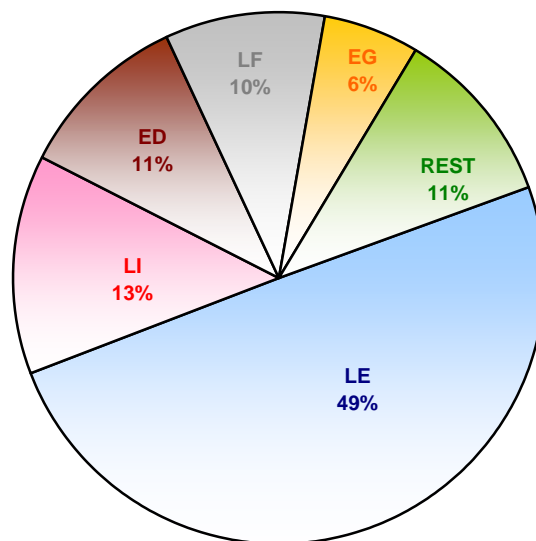
5.5.2. NUMBER OF AIR MOVEMENTS PER GEOGRAPHICAL AREA

Comparative figures 2005/2006.



COUNTRY	2005	2006	VAR %
SB	1760	1652	-6%
SA	982	804	-18%
SU	106	162	53%
FH	95	153	61%
GV	27	58	115%
REST	16	15	-6%

COUNTRY	2005	2006	VAR %
LE	1580	1411	-11%
LI	449	379	-16%
ED	256	302	18%
LF	254	277	9%
EG	104	168	62%
REST	343	307	-10%



5.5.3 NUMBER OF AIR MOVEMENTS PER AIRCRAFT OPERATOR

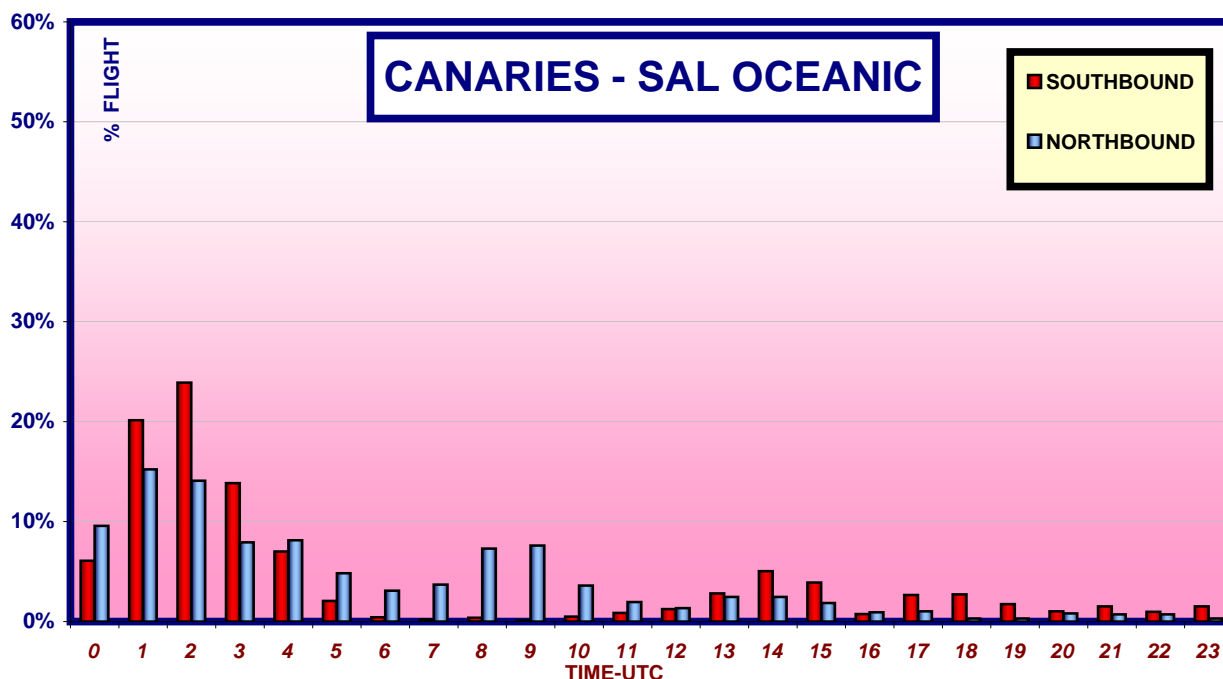
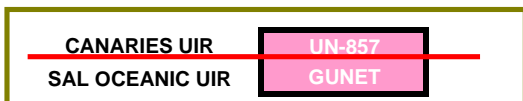
Comparative figures 2005/2006.

AIRCRAFT OPERATOR	DATA OF 2005	DATA OF 2006	% VARIATION 2005 - 2006
IBE	694	758	9.2%
ARG	433	370	-14.5%
VRG	422	283	-32.9%
AFR	167	216	29.3%
RRR	96	154	60.4%
SWR	136	142	4.4%
PUA	152	139	-8.6%
AZA	177	129	-27.1%
LVG	39	112	187.2%
REST	670	541	-19.3%

**5.5.4 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN CANARIES AND SAL ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

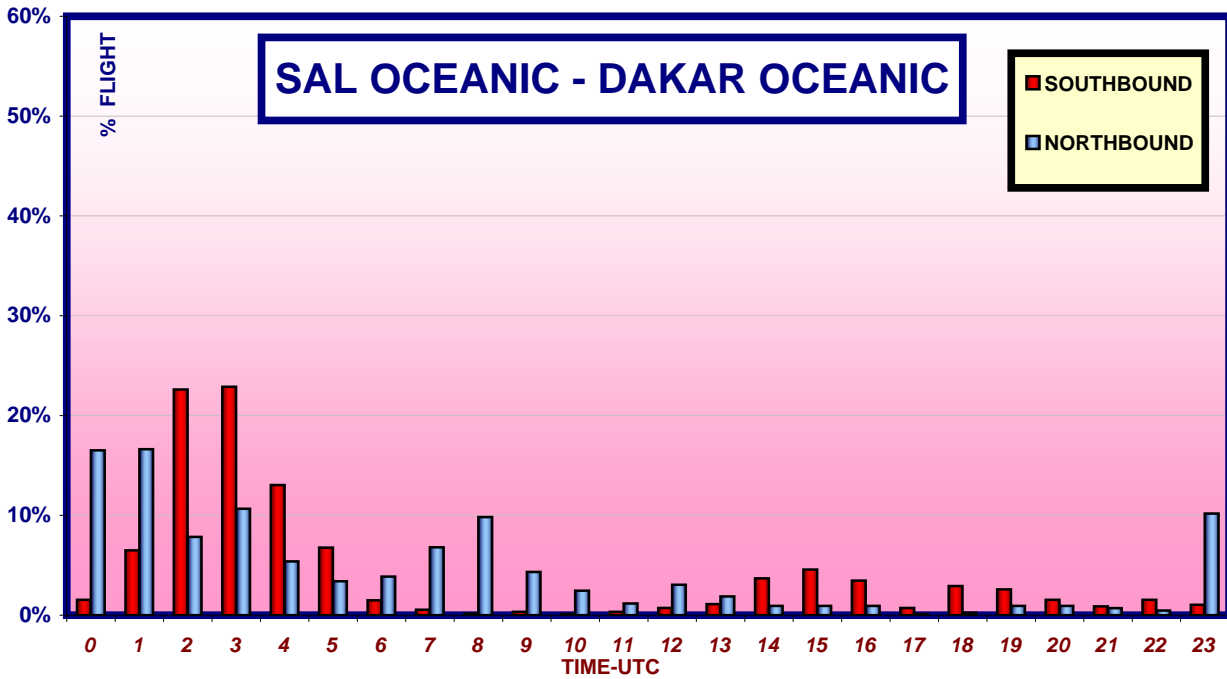
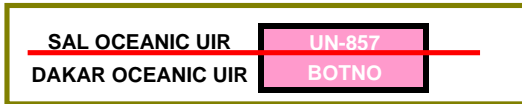


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	112	6.1%	93	9.6%	205	7.3%
1	371	20.2%	148	15.2%	519	18.5%
2	440	23.9%	137	14.1%	577	20.5%
3	255	13.9%	77	7.9%	332	11.8%
4	129	7.0%	79	8.1%	208	7.4%
5	38	2.1%	47	4.8%	85	3.0%
6	8	0.4%	30	3.1%	38	1.4%
7	4	0.2%	36	3.7%	40	1.4%
8	7	0.4%	71	7.3%	78	2.8%
9	2	0.1%	74	7.6%	76	2.7%
10	9	0.5%	35	3.6%	44	1.6%
11	16	0.9%	19	2.0%	35	1.2%
12	23	1.2%	13	1.3%	36	1.3%
13	52	2.8%	24	2.5%	76	2.7%
14	93	5.1%	24	2.5%	117	4.2%
15	72	3.9%	18	1.9%	90	3.2%
16	14	0.8%	9	0.9%	23	0.8%
17	49	2.7%	10	1.0%	59	2.1%
18	50	2.7%	3	0.3%	53	1.9%
19	32	1.7%	3	0.3%	35	1.2%
20	19	1.0%	8	0.8%	27	1.0%
21	28	1.5%	7	0.7%	35	1.2%
22	18	1.0%	7	0.7%	25	0.9%
23	28	1.5%	3	0.3%	31	1.1%

**5.5.5 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN SAL AND DAKAR ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:

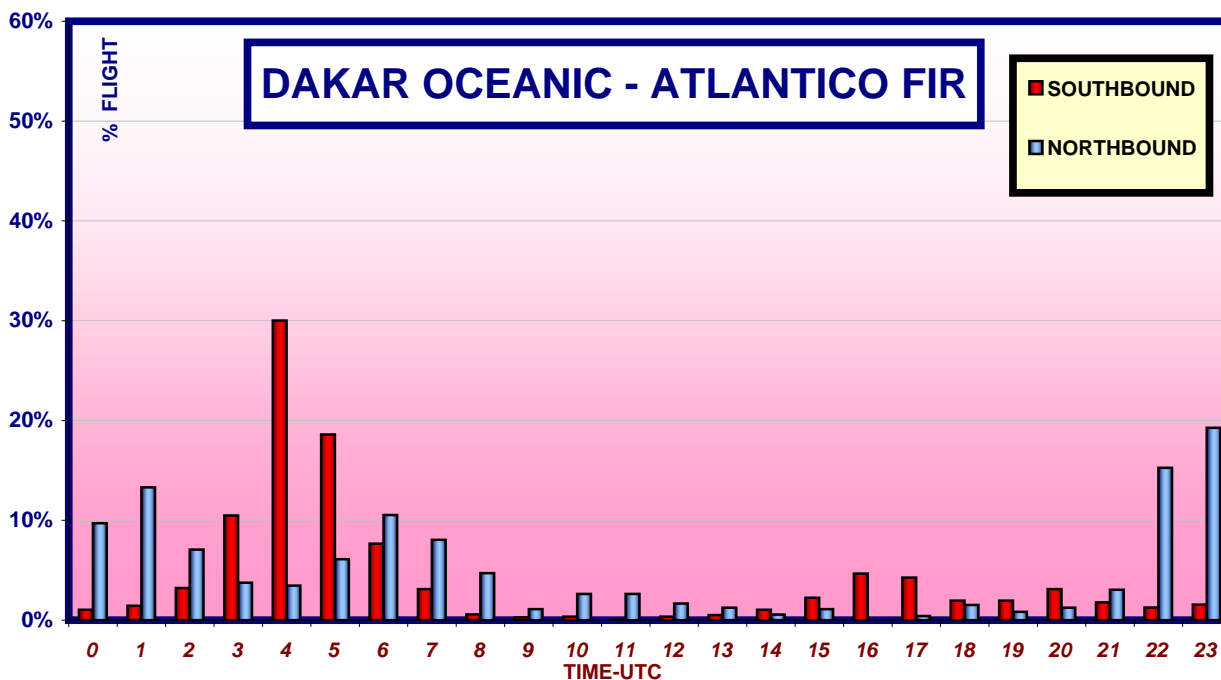
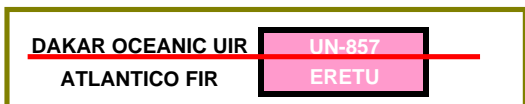


TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	28	1.5%	141	16.5%	169	6.3%
1	118	6.5%	142	16.6%	260	9.7%
2	411	22.6%	67	7.8%	478	17.9%
3	416	22.9%	91	10.7%	507	19.0%
4	237	13.0%	46	5.4%	283	10.6%
5	123	6.8%	29	3.4%	152	5.7%
6	27	1.5%	33	3.9%	60	2.2%
7	10	0.6%	58	6.8%	68	2.5%
8	3	0.2%	84	9.8%	87	3.3%
9	6	0.3%	37	4.3%	43	1.6%
10	2	0.1%	21	2.5%	23	0.9%
11	6	0.3%	10	1.2%	16	0.6%
12	13	0.7%	26	3.0%	39	1.5%
13	20	1.1%	16	1.9%	36	1.3%
14	67	3.7%	8	0.9%	75	2.8%
15	83	4.6%	8	0.9%	91	3.4%
16	63	3.5%	8	0.9%	71	2.7%
17	13	0.7%	1	0.1%	14	0.5%
18	53	2.9%	2	0.2%	55	2.1%
19	47	2.6%	8	0.9%	55	2.1%
20	28	1.5%	8	0.9%	36	1.3%
21	16	0.9%	6	0.7%	22	0.8%
22	28	1.5%	4	0.5%	32	1.2%
23	19	1.0%	87	10.2%	106	4.0%

**5.5.6 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN DAKAR AND ATLANTICO ACC's**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:



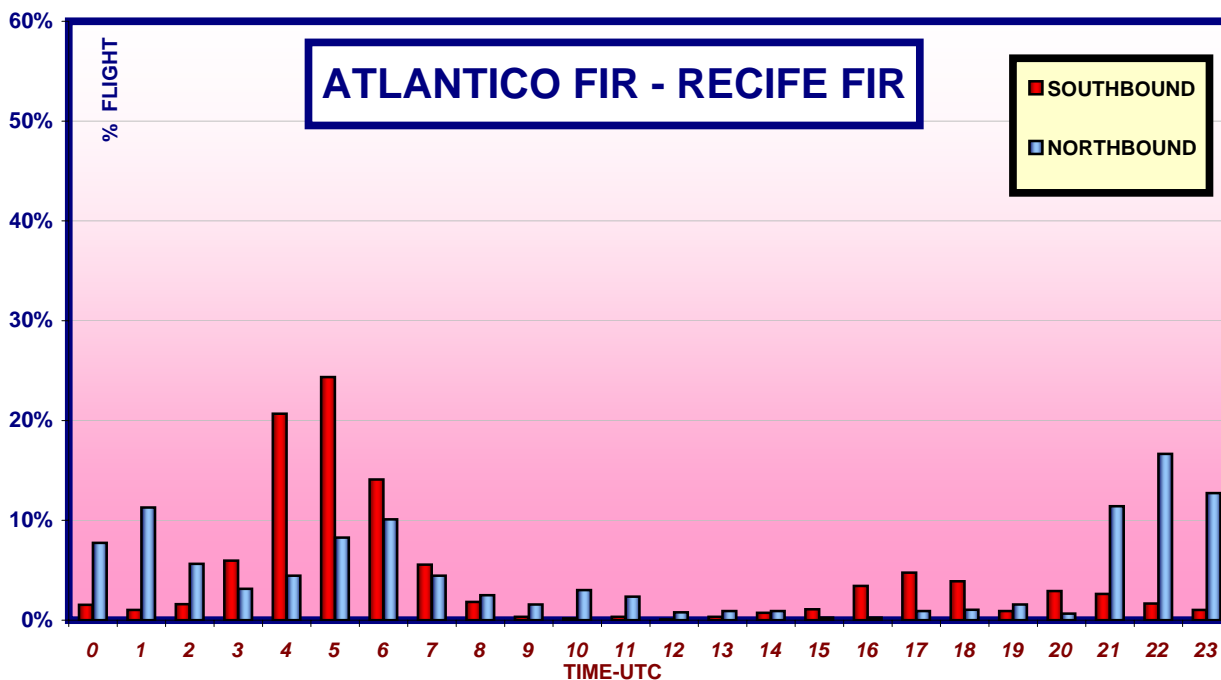
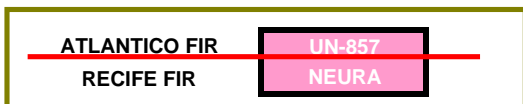
TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	18	1.0%	70	9.7%	88	3.6%
1	25	1.4%	96	13.3%	121	4.9%
2	56	3.2%	51	7.1%	107	4.4%
3	182	10.5%	27	3.7%	209	8.5%
4	521	30.0%	25	3.5%	546	22.2%
5	323	18.6%	44	6.1%	367	14.9%
6	133	7.7%	76	10.5%	209	8.5%
7	54	3.1%	58	8.0%	112	4.6%
8	10	0.6%	34	4.7%	44	1.8%
9	5	0.3%	8	1.1%	13	0.5%
10	6	0.3%	19	2.6%	25	1.0%
11	1	0.1%	19	2.6%	20	0.8%
12	6	0.3%	12	1.7%	18	0.7%
13	9	0.5%	9	1.2%	18	0.7%
14	18	1.0%	4	0.6%	22	0.9%
15	39	2.2%	8	1.1%	47	1.9%
16	81	4.7%	0	0.0%	81	3.3%
17	74	4.3%	3	0.4%	77	3.1%
18	34	2.0%	11	1.5%	45	1.8%
19	34	2.0%	6	0.8%	40	1.6%
20	54	3.1%	9	1.2%	63	2.6%
21	31	1.8%	22	3.1%	53	2.2%
22	22	1.3%	110	15.3%	132	5.4%
23	27	1.6%	139	19.3%	166	6.8%



**5.5.7 NUMER OF AIR MOVEMENTS PER HOUR (UTC) BETWEEN ATLANTICO AND RECIFE ACC'S**

Figures of 2006.

The time reference is based on hourly information in the following exit/entry point:



TIME UTC	SOUTHBOUND		NORTHBOUND		TOTAL	
	Nº	%	Nº	%	Nº	%
0	27	1.5%	59	7.7%	86	3.4%
1	18	1.0%	86	11.3%	104	4.1%
2	28	1.6%	43	5.6%	71	2.8%
3	104	6.0%	24	3.1%	128	5.1%
4	361	20.7%	34	4.5%	395	15.8%
5	425	24.4%	63	8.3%	488	19.5%
6	246	14.1%	77	10.1%	323	12.9%
7	97	5.6%	34	4.5%	131	5.2%
8	32	1.8%	19	2.5%	51	2.0%
9	6	0.3%	12	1.6%	18	0.7%
10	3	0.2%	23	3.0%	26	1.0%
11	6	0.3%	18	2.4%	24	1.0%
12	1	0.1%	6	0.8%	7	0.3%
13	6	0.3%	7	0.9%	13	0.5%
14	13	0.7%	7	0.9%	20	0.8%
15	19	1.1%	2	0.3%	21	0.8%
16	60	3.4%	2	0.3%	62	2.5%
17	83	4.8%	7	0.9%	90	3.6%
18	68	3.9%	8	1.0%	76	3.0%
19	16	0.9%	12	1.6%	28	1.1%
20	51	2.9%	5	0.7%	56	2.2%
21	46	2.6%	87	11.4%	133	5.3%
22	29	1.7%	127	16.7%	156	6.2%
23	18	1.0%	97	12.7%	115	4.6%

## **ACTION BY THE MEETING**

The SAT/13/TF1 Meeting is invited to:

- a) discuss the figures presented and its evolution in order to take preventive actions;
- b) suggest new items to improve this statistical data;

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