



# **International Registry of International Interests in Aircraft Equipment**



INTERNATIONAL REGISTRY  
OF MOBILE ASSETS



***Annual Statistical Report***

***1 February 2006 – 31 December 2006***

***11 July 2007***

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## INTRODUCTION

The International Registry (“the Registry”) was established pursuant to the provisions of the Cape Town Convention and Protocol<sup>1</sup>. The International Civil Aviation Organisation is the Supervisory Authority of the Registry<sup>2</sup> and Aviareto Limited is the Registrar.

Section 10.1 of the Regulations for the Registry (“the Regulations”)<sup>3</sup> requires that “the Registrar shall maintain updated registration statistics and shall publish them in an annual report. This report shall be electronically accessible to any person”.

Section 10.2 of the Regulations states that “registration statistics” shall consist of: “(a) transactional volumes and revenues subdivided in each case by registration type and geographic distribution; and (b) other compilations of non-confidential information requested by the Supervisory Authority”.

This first annual statistical report is being posted on the Registry website in fulfilment of the requirements of Section 10 of the Regulations.

**Niall Greene**  
Managing Director  
Aviareto Limited  
Registrar of the International Registry

Dublin, Ireland  
18 July 2007

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<sup>1</sup> *Convention on International Interests in Mobile Equipment* (ICAO Doc 9793 ) and *Protocol to the Convention on International Interests in Mobile Equipment on Matters specific to Aircraft Equipment* (ICAO Doc 9794) ,signed at Cape Town on 16 November 2001.

<sup>2</sup> Pursuant to Resolution No 2 adopted by the Cape Town Diplomatic Conference on 16 November 2001

<sup>3</sup> *Regulations and Procedures for the International Registry* ( Second Edition - 2007), International Civil Aviation Organisation, Montreal (ICAO Doc 9864).

## NOTES TO THE REPORT

1. The Registry became fully operational on 1 March 2006. However, during February 2006 potential users were free to apply for approval and to be approved by the Registrar. The Supervisory Authority and the Registrar have agreed that this first annual statistical report of the Registrar shall cover the period from 1 February 2006 to 31 December 2006. Subsequent reports will be in respect of whole calendar years.
2. Section 10.2 of the Regulations requires that transaction volumes and revenues be subdivided by “registration type”. As currently configured, the Registry is unable to produce data in such a configuration. The Supervisory Authority has agreed that, in respect of 2006, the Registrar may report in respect of fee categories only. Arrangements are currently in hand for the upgrading of the data retrieval capability of the Registry to enable the extraction of the data in the form required by the Regulations for future reports. It is hoped that this may also enable extraction and publication of the appropriate 2006 data at a later time.
3. The fee categories used for segmenting events and revenues in the Report are those set out in Table 1 of the Fee Schedule Appendix to the Procedures. The fee categories are:
  - User set-up fee (5 years)
  - User set-up fee (1 year)
  - Ten-user set-up fee (5 years)
  - Registration fee
  - Spare engine fee
  - Search fee
  - Lost certificate fee
4. The revenues set out in Tables 3 and 5 of this Report are based on the payment received at the time of each transaction. It should be noted that for accounting purposes, revenues received in respect of user set-up fees (1 year or 5 year) are recognised on a monthly basis over the life of the licence purchased (i.e. over 12 or 60 months respectively). Thus, while some \$2.156 million in cash was collected in respect of user set up fees in 2006, only some \$0.680 million is capable of being recognised as 2006 revenue.
5. The data in Tables 1, 2, 3, 4 and 5 the Report has been extracted from the logs of the Registry.
6. All monetary amounts are in US\$.

7. During all or some of the period covered by the Report the following were Contracting States to the Cape Town Convention and Protocol:  
Afghanistan, Angola, Ethiopia, Ireland, Kenya, Malaysia, Mongolia, Nigeria, Oman, Pakistan, Panama, Senegal, United States of America.

## REVIEW OF THE REGISTRY IN 2006

The Registry started accepting the registration of interests in respect of aircraft, spare engines and helicopters on 1 March 2006. It had commenced issuing digital certificates to administrators on 1 February 2006.

The first ten months of operation were characterised by activity levels considerably in excess of those anticipated in the pre-operating phase but nonetheless well within the design capability of the system. Some 15,000 objects have had 33,000 interests registered against them in 10,200 registration sessions and almost 33,500 search sessions had been completed by the end of 2006. Approximately 7,500 administrators and users have been approved to act on behalf of user entities.

Of the order of 90% of all activity on the Registry originates in the United States. With the acquisition of further Contracting States (and there were sixteen at the time of writing of this Report) this proportion will gradually decline.

Another characteristic of the first ten months was a series of operational problems which on occasions denied service to users. Overall, however, an average availability of 97.55% was maintained throughout the period (against a contractual obligation of 99.6%, pursuant to Article 12.1.4 of the Contract) and significant progress has been made in identifying and eliminating the causes of the interruptions of service.

The Registrar has adopted a practice of having an annual security review of the system carried out by an independent auditor to ensure that it continues to meet the best practice standards in this area.

Throughout 2006, the Registrar endeavoured to maintain close contact with the user community and to elicit their views on the development of the Registry. In this the Registrar was greatly facilitated by the activities of the International Registry Advisory Board. A major Participatory Seminar for the users of the Registry was held in New York in October 2006 which devoted considerable time to operational issues and there were similarly opportunities presented by conferences/seminars in London, Miami and San Francisco.

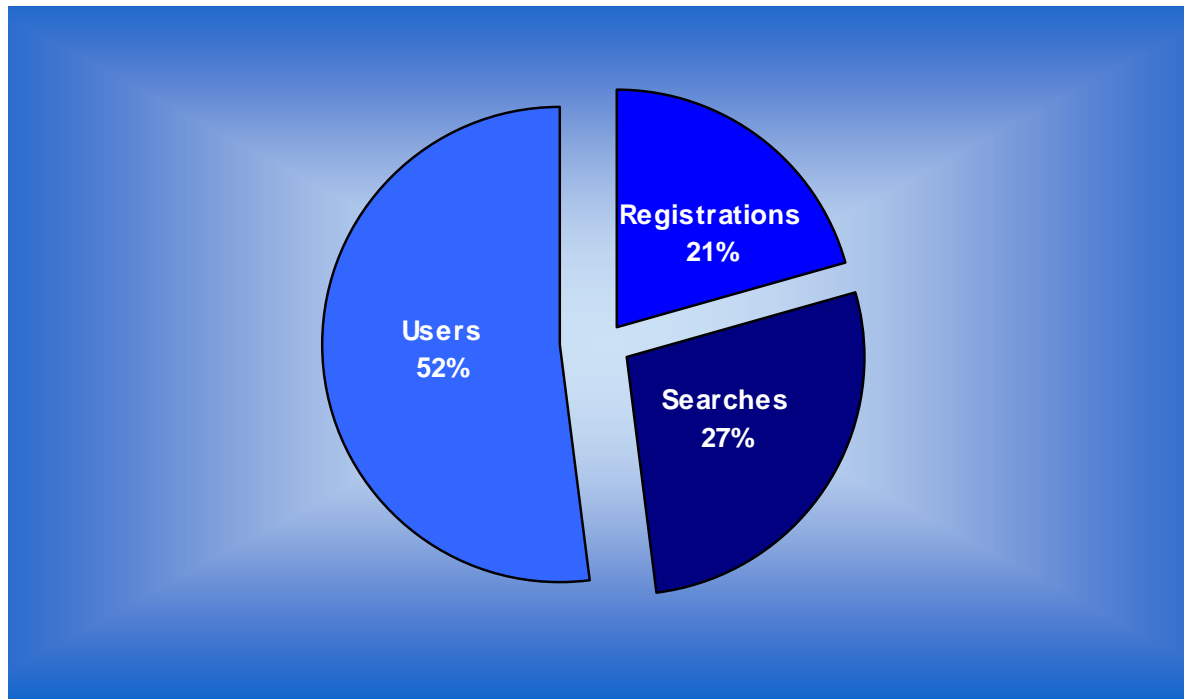
The total cost of operating the system in 2006 (twelve months) was US\$3.34 million. Of this some US\$300,000 was attributable to a one-time set up costs and of the balance the major components were (in US\$):

- Development and operation of the system: 1,005,000
- Payroll and related costs: 804,000
- Insurance: 436,000
- Supervisory Authority fees: 167,000
- Offices: 147,000

While the Registrar recorded a loss of some US\$617,514 in 2006, it is not at this point seeking an increase in the fees. Trends in revenue and costs and in the need for continued significant investment in the development of the Registry will be monitored closely in 2007 with a view to determining the sustainability of the current fee regime.

## SOURCES OF REVENUE

Table 1 - Division of the Registry's Income Between the Three Main Categories: Users, Registrations and Searches (1 February to 31 December 2006)





## TRANSACTION VOLUMES BY TYPE AND GEOGRAPHY

**Table 2 - Transaction Volumes Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

It will be noted that Afghanistan accounts for the second largest number of search events after the United States. It is the view of the Registrar that some, and perhaps all, of the searches so recorded result from searchers failing to use the drop down lists on the Registry to identify their real country of origin as this information is not critical to the success of the search.

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
<b>Afghanistan</b>	0	0	0	0	0	2,211	0
<b>Angola</b>	2	0	0	0	0	0	0
<b>Argentina</b>	0	1	0	0	0	0	0
<b>Australia</b>	19	6	0	11	1	25	0
<b>Austria</b>	3	3	0	0	0	1	0
<b>Bahamas</b>	1	4	0	1	0	0	0
<b>Bahrain</b>	0	1	0	0	0	1	0
<b>Barbados</b>	1	1	0	0	0	0	1
<b>Belgium</b>	0	2	0	0	0	0	0
<b>Bermuda</b>	3	13	0	1	0	0	1
<b>Bolivia</b>	0	1	0	0	0	0	0
<b>Brazil</b>	1	17	1	0	0	0	2
<b>British Virgin Islands</b>	3	11	0	2	0	0	0
<b>Burundi</b>	0	1	0	0	0	0	0

**Table 2 cont. - Transaction Volumes Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
<b>Canada</b>	35	54	2	4	0	66	8
<b>Cayman Islands</b>	9	12	0	0	0	0	0
<b>China</b>	5	4	0	5	0	3	0
<b>Colombia</b>	0	1	0	0	0	0	0
<b>Costa Rica</b>	0	3	0	0	0	0	0
<b>Cyprus</b>	0	1	0	0	0	0	0
<b>Czech Republic</b>	1	0	0	0	0	0	0
<b>Denmark</b>	3	3	0	0	0	3	0
<b>Dominican Republic</b>	2	1	0	0	0	0	0
<b>Ecuador</b>	0	1	0	0	0	0	0
<b>Egypt</b>	0	1	0	0	0	0	0
<b>El Salvador</b>	0	2	0	0	0	1	0
<b>Ethiopia</b>	0	1	0	1	0	0	0
<b>Finland</b>	0	1	0	0	0	1	0
<b>France</b>	15	18	0	1	0	0	1
<b>Gabon</b>	0	2	0	0	0	0	0
<b>Germany</b>	10	18	0	8	3	3	5
<b>Guatemala</b>	0	1	0	0	0	0	0
<b>Hungary</b>	0	1	0	0	0	0	0
<b>Iceland</b>	7	3	0	0	0	0	0

**Table 2 cont. - Transaction Volumes Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
<b>India</b>	2	1	0	0	0	0	0
<b>Indonesia</b>	0	2	0	1	2	0	0
<b>Ireland</b>	50	75	0	132	73	285	12
<b>Israel</b>	0	1	0	0	0	0	0
<b>Italy</b>	6	6	0	3	0	0	1
<b>Japan</b>	6	24	0	4	2	3	0
<b>Jordan</b>	0	1	0	0	0	0	0
<b>Liechtenstein</b>	0	2	0	0	0	0	0
<b>Luxembourg</b>	1	7	0	1	0	3	0
<b>Malaysia</b>	4	8	0	0	0	0	2
<b>Malta</b>	0	1	0	0	0	0	0
<b>Mauritius</b>	2	0	0	0	0	0	0
<b>Mexico</b>	4	15	0	0	0	1	1
<b>Monaco</b>	0	1	0	0	0	0	0
<b>Netherlands</b>	6	13	0	9	4	10	2
<b>New Zealand</b>	0	3	0	0	0	0	1
<b>Nigeria</b>	2	6	0	0	0	0	0
<b>Norway</b>	1	2	0	0	0	0	1
<b>Pakistan</b>	2	1	0	0	0	2	0
<b>Panama</b>	4	11	0	1	1	0	2

**Table 2 cont. - Transaction Volumes Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
Papua New Guinea	0	1	0	0	0	0	0
Peru	0	1	0	0	0	0	0
Philippines	0	4	0	0	0	0	1
Poland	0	3	0	0	0	0	0
Republic of Korea	3	2	0	0	0	0	0
Russian Federation	1	2	0	2	4	11	2
Saudi Arabia	3	4	0	0	0	0	0
Seychelles	0	1	0	0	0	0	0
Singapore	1	2	0	0	0	0	1
South Africa	0	6	0	0	0	0	0
Spain	1	4	0	0	0	1	1
Sweden	5	8	0	0	0	0	0
Switzerland	7	14	0	4	0	20	2
Thailand	0	1	0	5	0	0	0
Turkey	0	1	0	0	0	0	0
Ukraine	1	0	0	0	0	0	0
United Arab Emirates	0	2	0	0	0	0	0
United Kingdom	65	104	1	132	74	347	11
United Republic of Tanzania	0	1	0	0	0	0	0

**Table 2 cont. - Transaction Volumes Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
<b>United States</b>	1,803	4,792	23	7,128	2,548	30,481	323
<b>Uruguay</b>	1	4	0	0	0	0	1
<b>Uzbekistan</b>	0	2	0	0	0	0	0
<b>Vanuatu</b>	0	3	0	0	0	0	0
<b>Venezuela</b>	1	3	0	0	0	1	0
<b>Country Volume Total</b>	<b>2,102</b>	<b>5,334</b>	<b>27</b>	<b>7,456</b>	<b>2,712</b>	<b>33,480</b>	<b>382</b>

## TRANSACTION REVENUES BY TYPE AND GEOGRAPHY

**Table 3 - Transaction Revenues Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

In reading Table 3 note should be taken of the comment about Afghanistan set out on p.10.

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
<b>Afghanistan</b>	0	0	0	0	0	77,385	0	77,385	2
<b>Angola</b>	1,000	0	0	0	0	0	0	1,000	0
<b>Argentina</b>	0	200	0	0	0	0	0	200	0
<b>Australia</b>	9,500	1,200	0	1,100	50	875	0	12,725	0
<b>Austria</b>	1,500	600	0	0	0	35	0	2,135	0
<b>Bahamas</b>	500	800	0	100	0	0	0	1,400	0
<b>Bahrain</b>	0	200	0	0	0	35	0	235	0
<b>Barbados</b>	500	200	0	0	0	0	100	800	0
<b>Belgium</b>	0	400	0	0	0	0	0	400	0
<b>Bermuda</b>	1,500	2,600	0	100	0	0	100	4,300	0
<b>Bolivia</b>	0	200	0	0	0	0	0	200	0
<b>Brazil</b>	500	3,400	2,500	0	0	0	200	6,600	0
<b>British Virgin Islands</b>	1,500	2,200	0	200	0	0	0	3,900	0
<b>Burundi</b>	0	200	0	0	0	0	0	200	0
<b>Canada</b>	17,500	10,800	5,000	400	0	2,310	800	36,810	1

**Table 3 cont. - Transaction Revenues Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
<b>Cayman Islands</b>	4,500	2,400	0	0	0	0	0	6,900	0
<b>China</b>	2,500	800	0	500	0	105	0	3,905	0
<b>Colombia</b>	0	200	0	0	0	0	0	200	0
<b>Costa Rica</b>	0	600	0	0	0	0	0	600	0
<b>Cyprus</b>	0	200	0	0	0	0	0	200	0
<b>Czech Republic</b>	500	0	0	0	0	0	0	500	0
<b>Denmark</b>	1,500	600	0	0	0	105	0	2,205	0
<b>Dominican Republic</b>	1,000	200	0	0	0	0	0	1,200	0
<b>Ecuador</b>	0	200	0	0	0	0	0	200	0
<b>Egypt</b>	0	200	0	0	0	0	0	200	0
<b>El Salvador</b>	0	400	0	0	0	35	0	435	0
<b>Ethiopia</b>	0	200	0	100	0	0	0	300	0
<b>Finland</b>	0	200	0	0	0	35	0	235	0
<b>France</b>	7,500	3,600	0	100	0	0	100	11,300	0
<b>Gabon</b>	0	400	0	0	0	0	0	400	0
<b>Germany</b>	5,000	3,600	0	800	150	105	500	10,155	0
<b>Guatemala</b>	0	200	0	0	0	0	0	200	0
<b>Hungary</b>	0	200	0	0	0	0	0	200	0

**Table 3 cont. - Transaction Revenues Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
Iceland	3,500	600	0	0	0	0	0	4,100	0
India	1,000	200	0	0	0	0	0	1,200	0
Indonesia	0	400	0	100	100	0	0	600	0
Ireland	25,000	15,000	0	13,200	3,650	9,975	1,200	68,025	2
Israel	0	200	0	0	0	0	0	200	0
Italy	3,000	1,200	0	300	0	0	100	4,600	0
Japan	3,000	4,800	0	400	100	105	0	8,405	0
Jordan	0	200	0	0	0	0	0	200	0
Liechtenstein	0	400	0	0	0	0	0	400	0
Luxembourg	500	1,400	0	100	0	105	0	2,105	0
Malaysia	2,000	1,600	0	0	0	0	200	3,800	0
Malta	0	200	0	0	0	0	0	200	0
Mauritius	1,000	0	0	0	0	0	0	1,000	0
Mexico	2,000	3,000	0	0	0	35	100	5,135	0
Monaco	0	200	0	0	0	0	0	200	0
Netherlands	3,000	2,600	0	900	200	350	200	7,250	0
New Zealand	0	600	0	0	0	0	100	700	0
Nigeria	1,000	1,200	0	0	0	0	0	2,200	0
Norway	500	400	0	0	0	0	100	1,000	0
Pakistan	1,000	200	0	0	0	70	0	1,270	0



**Table 3 cont. - Transaction Revenues Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
<b>Panama</b>	2,000	2,200	0	100	50	0	200	4,550	0
<b>Papua New Guinea</b>	0	200	0	0	0	0	0	200	0
<b>Peru</b>	0	200	0	0	0	0	0	200	0
<b>Philippines</b>	0	800	0	0	0	0	100	900	0
<b>Poland</b>	0	600	0	0	0	0	0	600	0
<b>Republic of Korea</b>	1,500	400	0	0	0	0	0	1,900	0
<b>Russian Federation</b>	500	400	0	200	200	385	200	1,885	0
<b>Saudi Arabia</b>	1,500	800	0	0	0	0	0	2,300	0
<b>Seychelles</b>	0	200	0	0	0	0	0	200	0
<b>Singapore</b>	500	400	0	0	0	0	100	1,000	0
<b>South Africa</b>	0	1,200	0	0	0	0	0	1,200	0
<b>Spain</b>	500	800	0	0	0	35	100	1,435	0
<b>Sweden</b>	2,500	1,600	0	0	0	0	0	4,100	0
<b>Switzerland</b>	3,500	2,800	0	400	0	700	200	7,600	0
<b>Thailand</b>	0	200	0	500	0	0	0	700	0
<b>Turkey</b>	0	200	0	0	0	0	0	200	0
<b>Ukraine</b>	500	0	0	0	0	0	0	500	0
<b>United Arab Emirates</b>	0	400	0	0	0	0	0	400	0

**Table 3 cont. - Transaction Revenues Subdivided by Transaction Type and Geographic Distribution (1 February to 31 December 2006)**

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
<b>United Kingdom</b>	32,500	20,800	2,500	13,200	3,700	12,145	1,100	85,945	2
<b>United Republic of Tanzania</b>	0	200	0	0	0	0	0	200	0
<b>United States</b>	901,500	958,400	57,500	712,800	127,400	1,066,835	32,300	3,856,735	90
<b>Uruguay</b>	500	800	0	0	0	0	100	1,400	0
<b>Uzbekistan</b>	0	400	0	0	0	0	0	400	0
<b>Vanuatu</b>	0	600	0	0	0	0	0	600	0
<b>Venezuela</b>	500	600	0	0	0	35	0	1,135	0
<b>Country Cash Total</b>	<b>\$1,051,000</b>	<b>\$1,066,800</b>	<b>\$67,500</b>	<b>\$745,600</b>	<b>\$135,600</b>	<b>\$1,171,800</b>	<b>\$38,200</b>	<b>\$4,276,500</b>	<b>100%</b>

## TRANSACTION VOLUMES BY TYPE AND MONTH

Table 4 - Transactional Volumes Subdivided by Transaction Type and Month of Occurrence (2006)

	User set-up Fee (5 years)	User set-up fee (1 year)	Ten-user set-up fee (5 years)	Registration fee	Spare engine fee	Search fee	Lost certificate fee
<b>January</b>	0	0	0	0	0	0	0
<b>February</b>	116	102	3	0	0	0	0
<b>March</b>	412	949	16	456	133	2633	29
<b>April</b>	196	620	2	666	461	2936	32
<b>May</b>	225	647	2	640	134	2916	41
<b>June</b>	194	518	1	881	294	3737	42
<b>July</b>	119	341	1	658	221	2693	51
<b>August</b>	186	484	0	646	272	3551	28
<b>September</b>	142	408	0	872	311	4003	39
<b>October</b>	169	397	0	875	291	3579	56
<b>November</b>	166	440	0	836	334	3124	29
<b>December</b>	177	428	2	926	261	4308	35
<b>Total</b>	<b>2102</b>	<b>5334</b>	<b>27</b>	<b>7456</b>	<b>2712</b>	<b>33480</b>	<b>382</b>

## TRANSACTION REVENUES BY TYPE AND MONTH

Table 5 - Transactional Revenues Subdivided by Transaction Type and Month of Occurrence (2006)

	User set-up Fee (5 years) \$	User set-up fee (1 year) \$	Ten-user set-up fee (5 years) \$	Registration fee \$	Spare engine fee \$	Search fee \$	Lost certificate fee \$	Total \$	%
<b>January</b>	0	0	0	0	0	0	0	0	0%
<b>February</b>	58,000	20,400	7,500	0	0	0	0	85,900	2%
<b>March</b>	206,000	189,800	40,000	45,600	6,650	92,155	2,900	583,105	14%
<b>April</b>	98,000	124,000	5,000	66,600	23,050	102,760	3,200	422,610	10%
<b>May</b>	112,500	129,400	5,000	64,000	6,700	102,060	4,100	423,760	10%
<b>June</b>	97,000	103,600	2,500	88,100	14,700	130,795	4,200	440,895	10%
<b>July</b>	59,500	68,200	2,500	65,800	11,050	94,255	5,100	306,405	7%
<b>August</b>	93,000	96,800	0	64,600	13,600	124,285	2,800	395,085	9%
<b>September</b>	71,000	81,600	0	87,200	15,550	140,105	3,900	399,355	9%
<b>October</b>	84,500	79,400	0	87,500	14,550	125,265	5,600	396,815	9%
<b>November</b>	83,000	88,000	0	83,600	16,700	109,340	2,900	383,540	9%
<b>December</b>	88,500	85,600	5,000	92,600	13,050	150,780	3,500	439,030	10%
<b>Total</b>	<b>\$1,051,000</b>	<b>\$1,066,800</b>	<b>\$67,500</b>	<b>\$745,600</b>	<b>\$135,600</b>	<b>\$1,171,800</b>	<b>\$38,200</b>	<b>\$4,276,500</b>	<b>100%</b>

## SYSTEM AVAILABILITY

The Registrar has a contractual obligation to the Supervisory Authority to maintain a system availability of 99.6% <sup>4</sup>

Table 6 outlines the availability actually achieved based on the standard that if any function of the Registry is unavailable to users then the system as a whole is treated as being unavailable. The two major periods of downtime (in April and September) were both cases where part of the system was unavailable. The very low availability in April was almost entirely attributable to the tamper protection system being set so sensitive that it disabled the “priority search” function on a number of occasions. Once this was corrected there was an immediate improvement. Continuous, incremental changes to the system progressively improved the performance of the system over the year.

**Table 6 - System Availability (2006)**

	March	April	May	June	July	August	Sept	Oct	Nov	Dec
<b>System availability achieved (%)</b>	97.04	83.68	99.93	99.13	99.68	99.84	98.88	99.74	98.01	99.6

	March	April	May	June	July	August	Sept	Oct	Nov	Dec
<b>System downtime (minutes)</b>										
<i>Planned maintenance</i>	0	0	0	0	0	0	56	0	0	5
<b>System outage</b>	105	0	30	118	141	69	0	125	857	215
<b>Software component</b>	20	7,050	0	249	0	0	430	0	0	0

<sup>4</sup> Article 12.1.4 of the Contract.

## CHANGES TO THE REGISTRY SYSTEM - 2006

Set out below is a list of all the changes made to the system in the period between 1 March 2006 and 31 December 2006. With the exception of one item all of the changes were associated with the correction of “bugs” in the system. Included in the list is a description of the problem being corrected and the priority (“category”) ascribed to the problem.

**Table 7 - Changes to the Registry system - 2006**

### Loaded 7 March 2006

Item No	Type	Category	Description
020306_01	Bug	3	User applied to become a company administrator in error. The Registrar declined the application. Applicant then correctly applied to become a professional user but got an error saying that an approval already existed for the company.
030306_01	Bug	3	The payment for the creation of pending registrations was not being logged in the transaction log file

### Loaded 8 June 2006

WCD No.	Type	Category	Description
1-6615081	Bug	4	Changed Re-send URL button to appear for approved users only.
1-6591868	Bug	4	Some engine s/n's on IR drop down boxes took up to 5 minutes to display.
1-6591751	Bug	4	Transacting entity or PUE box was too short to view the entire name.
1-6491547	Bug	4	Email formatting error occurred when RO approval was not required.

**Table 7 cont. - Changes to the Registry system - 2006**

**Loaded 17 August 2006**

<b>WCD No.</b>	<b>Type</b>	<b>Category</b>	<b>Description</b>
1-6447069	Bug	3	Money was taken from the Credit Card but no transaction appeared in the log file. The transaction appeared on the file from the bank but not in the IR transaction log.
1-6447105	Bug	2	Problem with the size of drop down lists and the populating time. This bug fix optimised the memory usage for displaying MSNs.
1-6715461	Bug	4	When an Administrator delegated to a User, neither of them could access the transaction logs for that organisation.
1-6730861	Bug	2	Professional User activity/payment was not being logged in IR transaction log.
1-6730869	Bug	3	Credit card validation transactions were failing due to being too soon after authorisation transaction. A delay and re-submit has been implemented in the event of failure.
1-6730885	Bug	4	The process for the creation of an SPE was modified. The validation of SPE names to allow additional characters similar to the organization name was also modified.
1-6831171	Bug	2	Phantom registration. The processes of final consent and registration going live were decoupled. This ensured that a duplicate registration cannot be made in error.
1-6939537	Bug	2	Database synchronisation was not working. Database connections have been increased from 150 to 500 as advised by Oracle to resolve the problem.
1-6931441	Change	3	Upon payment failure an email will be generated and sent to the Operations team indicating the error code and explanation.
1-6789761	Bug	2	Registry Officials were not able to reject users. This was caused by users not being able to get a database connection.
1-6789875	Bug	2	Multiple users were unable to do a Priority search. This was caused by users not being able to get a database connection.

**Table 7 cont. - Changes made to the Registry system in 2006**

**Loaded 14 December 2006**

<b>WCD No.</b>	<b>Type</b>	<b>Category</b>	<b>Description</b>
1-7377411	Bug	2	Manufacturers disclaimer error
1-8409197	Bug	3	Size of Amend and Discharge drop down lists was too small



## CHANGES TO THE REGISTRY SYSTEM NOTED OR REVIEWED AND APPROVED BY THE SUPERVISORY AUTHORITY:

During the first meeting of the Commission of Experts of the Supervisory Authority held in November 2006, a number of changes to the Registry system were proposed by the Registrar. The Commission distinguished between changes which impact the Regulations and Procedures and hence require the approval of the Supervisory Authority and facilitatory changes, which refer to technical changes to the Registry system to ensure that it continues to operate in conformity with the Convention, the Protocol and the Regulations and Procedures, or such changes which enhance the functionality of the system for users or the ability of the Registrar to manage the Registry, which are not subject to the approval of the Supervisory Authority. The Commission took note of the latter, while recommending the former for the approval of the ICAO Council. The Commission also recommended that the facilitatory changes should be subject to a pre-facto notification procedure. The recommendations of the Commission were approved by the ICAO Council during its 179<sup>th</sup> session (C-DEC 179/16),

The changes which were noted or reviewed and approved by the Supervisory Authority are summarised below in Table 8.

**Table 8 – Changes to Registry system approved or noted by the Supervisory Authority, December 2006**

Change number	Subject of the change	Subsequent action
Various	<p><b>In the Regulations:</b></p> <p>Section 2.1.6 – the definition of “Professional user entity” was changed to include an internal legal department of a transacting user entity;</p> <p>Section 2.1.10 - the definition of “Special purpose entity” was changed</p>	<p>The Second edition of the Regulations and Procedures was published by the Supervisory Authority on 28 February 2007 and became effective on 27 March 2007.</p>

**Table 8 cont. – Changes to the Registry system approved or noted by the Supervisory Authority, December 2006**

Change number	Subject of the change	Subsequent action
	<p>to include various forms of trusts and other business entities in the definition;</p> <p>Section 2.1.11- the definition of “Transacting user entity” was changed to encompass affiliates of that entity;</p> <p>Section 3.2 - was changed to bring assignment of pre-existing rights and interests within its ambit;</p> <p>Section 5.1 and Section 7.3 – were changed to clarify the mandatory use of information about an aircraft object required to effect a registration, when such information is available in the Registry database; and</p> <p>Section 5.12 – a new section was added to enable registration of fractional and partial interests in an aircraft object.</p>	

**Table 8 cont. – Changes to the Registry system approved or noted by the Supervisory Authority, December 2006**

Change number	Subject of the change	Subsequent action
Various	<p><b>In the Procedures:</b></p> <p>Section 12.1, – was changed to correspond with changes in section 5.1 of the Regulations, to clarify the mandatory use of information about aircraft object required to effect a registration, when such information is available in the Registry database; and</p> <p>Section 13.1 and 13.2 – search features were modified.</p>	<p>The Second edition of the Regulations and Procedures was published by the Supervisory Authority on 28 February 2007 and became effective on 27 March 2007.</p>
CO 60	Changes to text on the website to enhance clarity	Incorporated in the Registry system, 5 June 2007.
CO 61	Improvements to Priority Search Certificate	Incorporated in the Registry system, 5 June 2007.
CO 63	Changes to text of emails automatically transmitted by the IR system to enhance clarity	Incorporated in the Registry system, 5 June 2007.
CO 65	Security enhancements	To be loaded on the system in Batch 3/07 in October 2007
CO 69	Provide for the registration of fractional interests	Incorporated in the Registry system, 5 June 2007.
CO 74	Provision of Quick Guides and FAQs to the IR system to facilitate users	Incorporated in the Registry system, 5 June 2007.

**Table 8 cont. – Changes to the Registry system approved or noted by the Supervisory Authority, December 2006**

<b>Change number</b>	<b>Subject of the change</b>	<b>Subsequent action</b>
CO 78	Changes to the IR logging system to improve efficiency of IR management	Incorporated in the Registry system, 5 June 2007.
CO 79	Provide for the easier capture of user details to improve efficiency of IR management	Incorporated in the Registry system, 5 June 2007.
CO 80	Provide Multiple Asset/Single Transaction facility to improve user efficiency	Phase 1 incorporated in the Registry system, 5 June 2007.
CO 83	Provide for easier location of invoices on IR system to improve efficiency of IR management	Incorporated in the Registry system, 5 June 2007.

## COMPLAINTS TO THE REGISTRAR AND THE SUPERVISORY AUTHORITY

Section 8 of the Regulations read with Section 14 of the Procedures<sup>5</sup> provides a procedure whereby any person can make a complaint to the Registrar “concerning the operation of the International Registry” where “the matter relates to the general procedures and policies of the International Registry and does not involve specific adjudication by the Registrar or the Supervisory Authority”. If the complaint is not satisfactorily addressed by the Registrar, the complainant may submit the complaint to the Supervisory Authority, within 30 calendar days of making the complaint.

During the period 1 March to 31 December 2006, there were fifteen operational complaints made to the Registrar. None of these gave rise to a complaint to the Supervisory Authority.

The following is a summary of the operational complaints received:

**Table 9 – Operational Complaints made to the Registry in 2006**

Date of complaint	Issue	Date resolved	Comment
1-Mar-06	Consent to a discharge	01-Jan-07	Registry system changed
9-Mar-06	(a) Consent to registrations (b) Registration fees	14-Mar-06	Process clarified for user
14-Mar-06	Fees for search sessions - Registry system does not allow association of engines with an airframe for search purposes	Open	Change to Registry being reviewed
4-Apr-06	Delay in help desk response	4-Apr-06	Backlog explained to user
5-May-06	Consent to registration	8-May-06	Process clarified for user
26-May-06	Informational search not accessible	29-May-06	Issue not pursued by user

<sup>5</sup> See fn 3

**Table 9 cont. - Complaints made to the I Registry in 2006**

<b>Date of complaint</b>	<b>Issue</b>	<b>Date resolved</b>	<b>Comment</b>
28-Jun-06	Delay in handling query	11-Jul-06	Issues resolved for user
4-Jul-06	Overpayment of fees - refund	4-Jul-06	Issue not pursued by user
14-Jul-06	Negative informational search	18-Jul-06	Process clarified for user
19-Jul-06	Payment acceptance problem	20-Jul-06	Process clarified for user
27-Jul-06	Failure to get search certificate	28-Jul-06	Fee refunded
13-Sep-06	Delay in help desk response	13-Sep-06	Registry resolved the issue
14-Sep-06	"Process too cumbersome"	18-Sep-06	Need for secure system explained
27-Oct-06	Problem with interest discharge	31-Oct-06	Registry sent relevant Quick Guide to user
4-Dec-06	Cannot locate pending consents	5-Dec-06	Registry sent relevant Quick Guide to user

## BALANCE SHEET OF AVIARETO LIMITED AT 31 DECEMBER 2006

The information below is extracted from the Report and Financial Statements of Aviareto Limited for the year ended 31 December 2006 approved by the Board of Directors of Aviareto Limited on 3 May 2007. Deloitte and Touche are Auditors of Aviareto Limited.

### AVIARETO LIMITED

#### BALANCE SHEET AS AT 31 DECEMBER 2006

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	2006 US\$	2005 US\$
<b>FIXED ASSETS</b>		
Tangible assets	1,745,062	1,799,995
	<hr/>	<hr/>
<b>CURRENT ASSETS</b>		
Debtors	353,072	134,440
Cash at bank and in hand	880,633	290,064
	<hr/>	<hr/>
	1,233,705	424,504
<b>CREDITORS:</b> (Amounts falling due within one year)	(2,351,095)	(1,131,035)
	<hr/>	<hr/>
<b>NET CURRENT LIABILITIES</b>	(1,117,390)	(706,531)
	<hr/>	<hr/>
<b>TOTAL ASSETS LESS CURRENT LIABILITIES</b>	627,672	1,093,464
<b>CREDITORS:</b> (Amounts falling due after more than one year)	(2,146,062)	(2,045,618)

**BALANCE SHEET AS AT 31 DECEMBER 2006 cont.**

<b>NET LIABILITIES</b>	<u>(1,518,390)</u>	<u>(952,154)</u>
<b>CAPITAL AND RESERVES</b>		
Called-up share capital	240,035	188,757
Profit and loss account - deficit	(1,758,425)	(1,140,911)
<b>EQUITY SHAREHOLDERS' DEFICIT</b>	<u>(1,518,390)</u>	<u>(952,154)</u>