

*“If something can go wrong it will”
Murphys’ Law*



Alexander N. Cherkasov,
President,
R – Russian Auditing Center “Risks Evaluation”
Moscow, Russia

Introduction

Looking at images of recent aviation incidents we are reminded that these events sadly can and do still occur. In most cases the incident happened in flight however we at R never forget that any flight starts on the ground...

Captain Ed Murphy, a USAF scientific officer in the late 40’s, used the phrase we now all know as Murphys’ law “[If something can go wrong it will](#)”. This was later expanded upon to ‘If there are two or more ways to do something, and one of those ways can result in a catastrophe, then someone will do it.’

The core principals behind Murphys’ Law being;

To address these events and avoid these accidents it is better to be pre-emptive and pro-active, this is exactly the role of .

Our Company

was formed in 2001 to provide Airline/Aviation Safety, Quality and Economic Audits as required under current Russian legislation and ICAO guidelines. R also provides Economic/Technical Audit services, Corporate and Equipment Financial Evaluations and Appraisals to third parties such as financial institutions, overseas corporations etc. R is a unique organization within Russia and the CIS and we are currently the only company in Russia to be approved to carry out such audits and evaluations as required by ICAO guidelines and local regulations.

Our current clients include major airlines within Russia and the CIS, overseas airlines operating Russian & Western aircraft, major banks and international corporations.

Our Key Aviation Disciplines and Areas of Expertise.

- Technical audit – to Russian CAA, IAC (MAK), JAA, ICAO, IATA (IOSA) or OGP (Oil and Gas production) standard;
- Flight Safety Analysis of different airlines (Russia/CIS);
- Corporate audit;
- Asset management and valuation;
- Corporate financial, economic, tax, treasury and administrative management;

- Insurance supervision/assessment of both the Insured and the Underwriters;
- Accounting management, including presentation of formal/legal declarations/statements;
- Economic and Strategic analysis;
- Training provision, planning/procuring/undertaking.

Our approvals include;

License to Conduct Auditing Activities, Ministry of Finance of the Russian Federation, #E000374;

License to Conduct Appraisal Activity, Ministry of Property Relations for the RF, #005185;

Quality and Standard Certificate # SSAQ 000.5.4.0041 was issued on 25th March 2002 (renewed) by the State Certification Register of the State Standard of the Russian Federation 'SovAsK'.

Our key team members;

Mr. Alexander Cherkasov	Licensed Aviation Auditor and Appraiser;
Mrs. Tatyana Makarova	Licensed Auditor (Finance);
Capt. Sergey Danilov Auditor;	Mi-8(MTV) 'Pilot Inspector-1 st class', Licensed Aviation
Mr. Denis Mikheev Equipment);	Licensed Aviation Auditor (Western Aviation
Ms. Tatyana Smirnova	Licensed Appraiser (Economic Regulation);
Mrs. Liudmila Cherkassova	Licensed Appraiser;
Mr. Russell Morland	Advisor, (JAR/ICAO Operations/Technical Standards);

Our customers:

- European Bank for Reconstruction & Development;
- Rio Tinto Group;
- Marathon Oil;
- Shell Aircraft Limited;
- BP-TNK;
- RUSIA-Petroleum Company (Irkutsk);
- KhantyAvia Airlines (Khanty-Mansyisk Authonomus Distrikt);
- "Domodedovo Airlines", Moscow;
- East-Line Group;
- State Air Transport Company "Rossia" (Government Airlines);
- Helicopter company NPK "PANH", Krasnodar;

- “Rusline” Airlines (business-aviation) , Moscow;
- “Atlant-Soyuz” Airlines (the official airlines of Moscow’ Government), Moscow;
- Helicopter company “Komiaviatrans”, Ukhta, Komi Region;
- “Volga-Dnepr” Airlines, Ulyanovsk city, Russia;
- Kirensk State Unitary Enterprise - “Kirensk’ Helicopter Company, Kirensk city, Irkutsk’ Region;
- “IrkutskAvia” Helicopter Company, Irkutsk city;
- “Angara” Airlines, Irkutsk;
- “Altyn Air” Airlines, Bishkek, Kyrgyzstan;
- UTair Airlines;
- Air Kazakhstan (former);
- Irtysh Avia (Kazakhstan, former);
- Nomad Airways (Kazakhstan);
- Euro-Asia Air (Atyrau, Kazakhstan),
- Nordwind Airlines (Moscow)
- Turukhan Airlines (Krasnoyarsk)
- Nordwind Airlines (Moscow)

Allseas Marine Contractors S.A.”

- Allseas Marine Contractors S.A. (Amsterdam)

and many others.

Our Experience

In 2002 the European Bank of Reconstruction and Development (EBRD) selected ACRE for long term provision of specialist aviation services and safety oversight audit services in Russia and CIS.

In 2003 British Petroleum also contracted to for provision of safety oversight on the airlines carrying the corporations’ personnel in Russia and the CIS. This was quickly followed by similar agreements with other major energy, resource and exploration companies from the United States, Great Britain and Australia. These include Shell, Marathon Oil and Rio Tinto Group.

Acted as advisors for a major Western airline, their insurers and their legal advisors during investigation and settlement of a major accident claim involving this airline B747-400 and an Il-62 aircraft. As a result of ACRE’s specialist knowledge and technical audit many omissions were proved in the IL62 operators’ operating and technical standards, all of which could and would have contributed to the accident. The IL62’s operators claim and that of their insurer was reduced by 60%, some \$2 millions of dollars.

Back home to Russia, in 2002, such companies as PANH Krasnodar, air company ‘Flight’ Astrakhan requested aviation audits for the purpose of tendering, successfully, for services on the Caspian Sea Pipeline Project (CPC -the Caspian Pipeline Consortium);

In 2003 Shell requested a specialist from to join their audit team for surveying the air companies “Vostok” (Khabarovsk) and “VladivostokAvia” (Vladivostok city, Russian Far East).

Comprehensive details on all the audits carried out by are given below.

Our Company is developing and expanding – so what is new?

Firstly we have divided our company activities in to separate departments representing our 3 core aviation disciplines; R now has 3 departments and we have increased our number of specialist staff to 15.

- The Evaluation Department;
- Technical Aviation Audit Department;

Privatization of State Enterprises, an ever expanding and complex field into which R is currently to receive additional certification and approval from various State and Government bodies.

ACRE works with the Russian Collage of Privatization and Enterprise, Ministry of State Property and Enterprise, have signed a 5 year plan for co-operation.

International Accreditation, ACRE currently holds approvals from the Civil Aviation Authorities of several African nations to audit/survey Russian/CIS aircraft and operators based in these countries.

ACRE is completing accreditation under the IATA 'IOSA' programme to conduct statutory audits of IATA member airlines.

A co-operative partnership has been established with British company Flight Dynamics. Flight Dynamics had many years of international experience of providing specialist service and support in airline executive, strategic, technical, operational and financial management. Flight Dynamics also advises and/or represents a number of Western financial institutions and leasing groups. This partnership compliments the existing expertise and direction of R and enables further fields of expertise to be offered to our clients in Russia and the CIS and worldwide.

Our customers about us

Here's an opinion of one of the aviation adviser of a big foreign company that has been working with Auditing Center "Risks Evaluation":

“...You should understand our business requirements to a company based in Russia performing aviation audits, they are as follows:

- *Expert analysis of Russian/ CIS aviation;*
- *Ability to conduct an unbiased audit based on international standards (at present- OGP);*
- *Legally licensed business;*
- *Effective price policy;*

In my opinion you meet all these requirements and criteria...”

“...one of the most essential things for me is the fact that your company (ACRE) meets the requirements concerning professional advice, effective price policy, rich experience in technical aviation audits according to OGP audit' standards is my priority ”.