

AIR CHARTER
SAFETY
FOUNDATION

**ACSF BRIEFING
FOR THE
AVIATION INSURANCE
ASSOCIATION
MAY 3, 2014**

Air Charter Safety Foundation (ACSF)

- In 2007, the FAA came to the National Air Transportation Association (NATA) concerned about the air charter industries safety record after several high profile accidents
- In response NATA provided the seed money to create the ACSF, a non-profit 501 (c)3 organization
- The mission is to enable Part 135 operators and Part 91K managers the ability to achieve the same levels of safety as the U.S. Scheduled Airline industry

Accident Rates

U.S. Part 121 Scheduled Airlines: 2007-2011
○ .16 per 100,000 flight hours (target rate)

All Part 135 Turbojet: 2007-2011
○ .60 per 100,000 flight hours (266% above target)

ACSF-Registered Operators
○ .26 per 100,000 flight hours (62% above target)

The Part 121 Experience; SMS and One Standard

- FAA AC 120-92A describes the attributes of a SMS for aviation
- FAA will release the SMS rule in June which will create FAR Part 5
- The International Aviation Transport Associations (IATA) Operational Safety Audit (IOSA) is the one standard used by scheduled airlines.
- IATA ensures the continuous development of the standard adding best practices and includes a review of regulatory compliance
- The standard is recognized by the FAA, Australian Civil Aviation Safety Authority, Transport Canada and the JAA/EASA.
- FAA requires all airlines that code share with a U.S. air carrier to be on the IOSA registry.

Worldwide IOSA and SMS Delivered Results

Hull losses per million flight hours (2010)

- All scheduled airlines = .61
- IATA members = .25 (40% better)
- IATA member dollar losses were reduced by more than 50%

ACSF Promotes one Industry Audit Standard

- Safety resources are used up with too many standards:
 - ACSF Industry Audit Standard (IAS) (demonstrated result of reducing risk)
 - Wyvern Wingman (has a retail customer following)
 - ARG/US Platinum (has a retail customer following)
 - IS-BAO (has a retail customer following)
 - Oil and Gas Producers (OGP) (has a retail customer following)
 - Executive Jet Management (EJM) (has a retail customer following)
 - Several independent corporate standards (has a retail customer following)
 - Department of Defense standards (has a retail customer following)
 - Flight Safety Foundation Basic Aviation Risk Standard (BARS)
 - FAA surveillance
- 8 to 10 different audits use up safety resources

ACSF Provides Help With SMS Implementation

- SMS is a management system for integrating safety activities into normal day-to-day business practices. It is designed to help organizations integrate a systematic risk-based and process-oriented approach to managing safety

The ACSF provides comprehensive help in complying with ICAO:

- Annex 6 Part 1 and Part 2 (operation of aircraft)
- Annex 19 (safety management)
- ICAO document 9859 (Safety Management Manual)

ACSF Annual Safety Symposium

- ACSF hosts a safety symposium at the National Transportation Safety Board's training center
- The ACSF Symposium is the annual gathering of the air charter industry, fractional ownership managers and business aviation operators to discuss and investigate current and emerging safety challenges

ACSF Staffs the Illegal Charter Hotline

- ACSF is staffing the toll-free hotline to report suspected illegal commercial activity for the FAA
- Persons illegally conducting commercial flights adversely affect the safety of the air charter industry
- Reports can be filed anonymously and all reporters will be provided with a case code for follow-up. The FAA will be provided with details to initiate an investigation

ACSF Provides Free Safety Reporting Tools

AVSiS is a software for reporting, tracking and responding to safety occurrences:

- Promotes a healthy safety culture
- Enables safety improvement
- Standardizes event logging
- Builds staff confidence
- Encourages reporting
- Designed for a non-blame safety culture
- Boosts safety office productivity (Task Manager e-mailing system)
- Identify human factors
- Easily integrated into your SMS and Aviation Safety Action Programs (ASAP)

ACSF Manages an FAA Approved ASAP

- An Aviation Safety Action Program is part of a strong Safety Management System and is described in FAA AC 120-66B
- ASAP enhances safety by providing a systematic approach for employees to promptly identify and correct potential safety hazards
- ASAP fosters a voluntary, cooperative, non-punitive environment for the open reporting of safety of flight concerns

So What?

- What would your business look like if your customers reduced their loss by 100% or even 200%
- The Part 121 industry has demonstrated the way to accomplish this goal
- The ACSF has put the tools and process in place to accomplish the goal
- The sooner your customers embrace and accomplish the steps needed the sooner the Business Aviation Industry will be operating at the same loss rates as the Part 121 community

What Can You Do?

- Become a sustaining member of ACSF
- Become an member of the ACSF
- Encourage your customers to join the ACSF or pay for their membership to get them involved
- Encourage your customers to achieve the IAS registration, reduce your risk
- Encourage your customers to become part of the ASAP program, reduce your risk

ACSF Sustaining Members





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