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# Protection of Safety Information and Data Sharing

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ICAO NACC Regional Office



# Air transport is the safest mode of transportation





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# Safety is one of the strategic objectives of ICAO





# ICAO and all the stakeholders are working in partnership to improve safety





# Despite the crisis, air transport industry keeps growing providing social and economic benefits





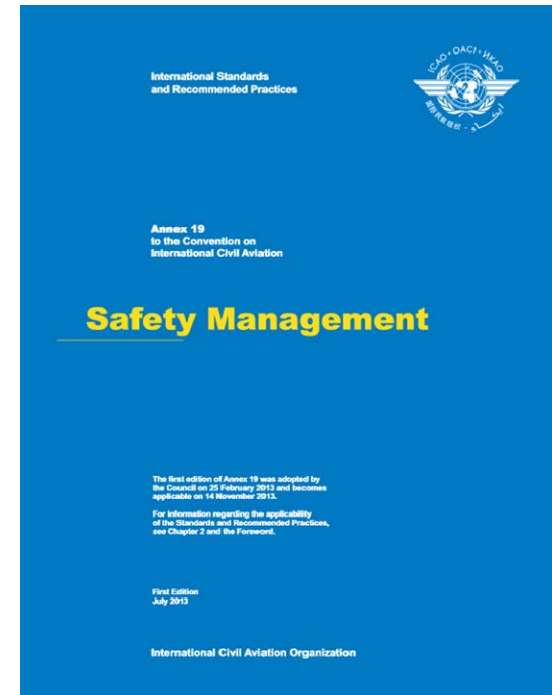


# Therefore, there is a need to do more about safety





# ICAO developed the new Global Aviation Safety Plan (GASP) and the Annex 19





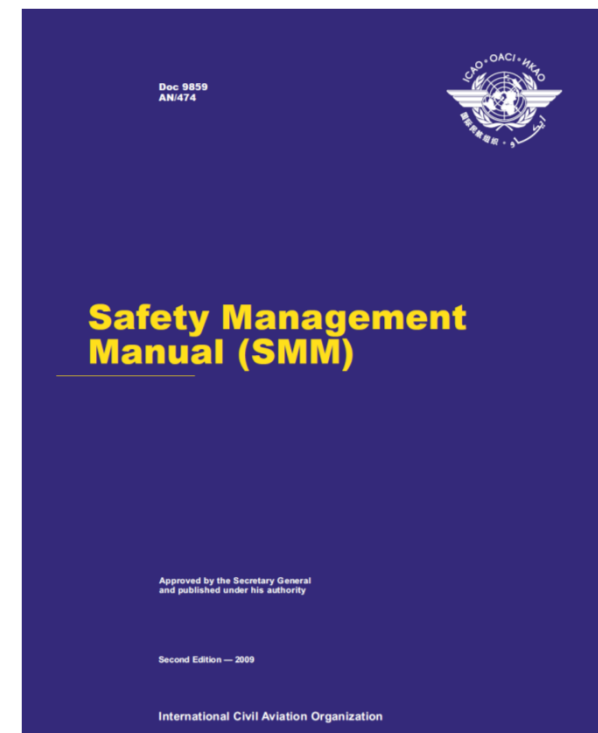
# ICAO State Safety Programme (SSP) and Safety Management Systems (SMS) are key for improving safety





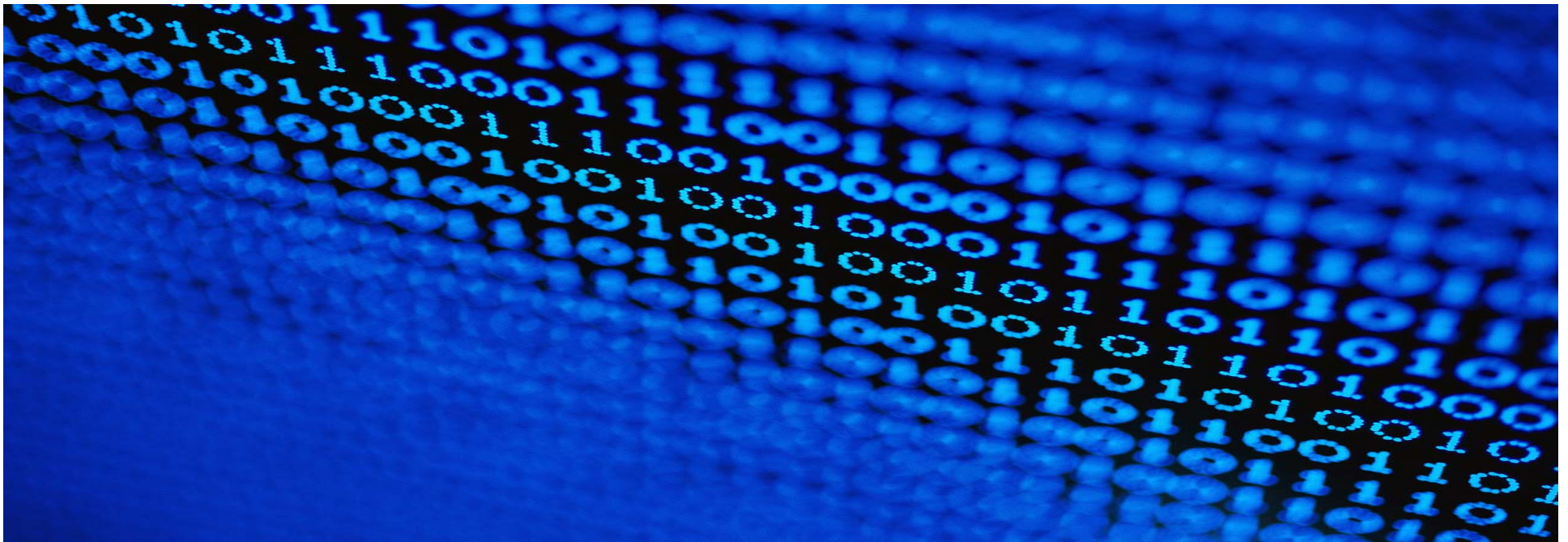


# According to Annex 19, States must implement SSP and service providers SMS





Their successful implementation  
requires the free flow of safety  
information



It requires that the safety information  
and their sources be protected



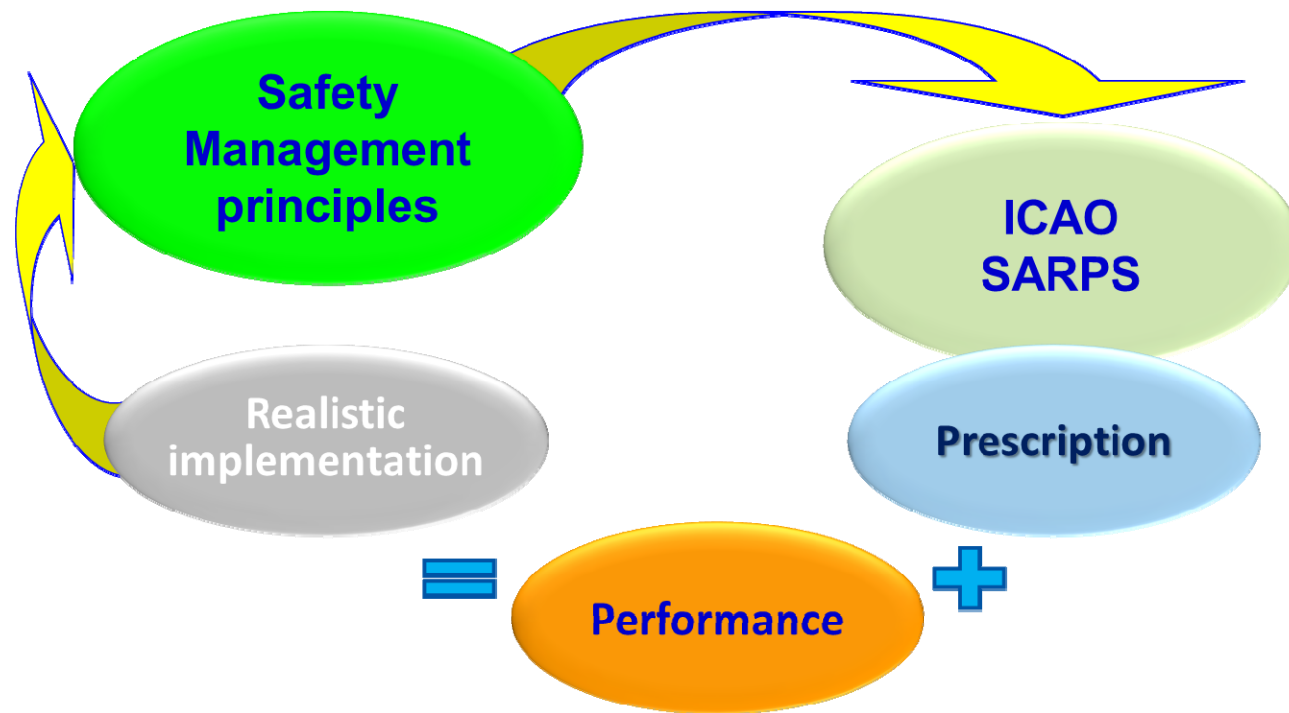




# But there is a need of change in the mindset



# That is necessary for moving from a prescriptive into a performance based environment







# The identification and reporting of hazards are essential





# The risk management and the safety assurance are the core activity of safety management principles





# The safety data collection, analysis and exchange may only be accomplished in a non-punitive environment





# It aims to the continuous improvement of the aviation system



Siwep.Net - Sivildanışmanlık Danışmanları



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# But there is a need of change in the legislative framework







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# The Regional Aviation Safety Group - Pan America...

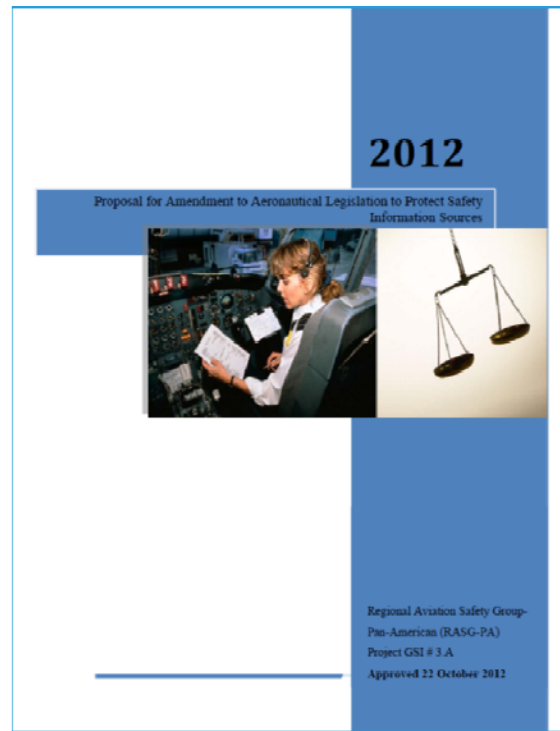




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# Created the Proposal for Amendment to Aeronautical Legislation to Protect Safety Information Sources





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# RASG-PA is data driven

**Fatal Accidents by CAST/ICAO Taxonomy Accident**  
**Pan American\* Airline Domicile – 2000 through 2006**

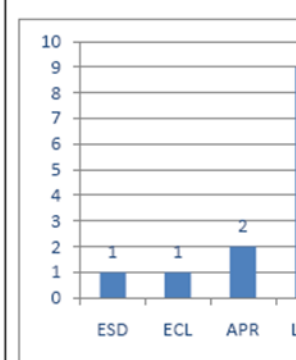
Accident Type	2000	2001	2002	2003	2004	2005	2006	Total
CFIT								6
LOC-E								5
RE-Landing + ARG								5
RAMP								0
MIC								0
SCF-NP								0
OTHER								0
SCF-PP								0

ARG: Abnormal Run  
CFIT: Controlled Flight Into Terrain  
LOC-E: Loss of Control  
MIC: Midair Collision  
MAG: Ground Handling  
RAMP: Ramp

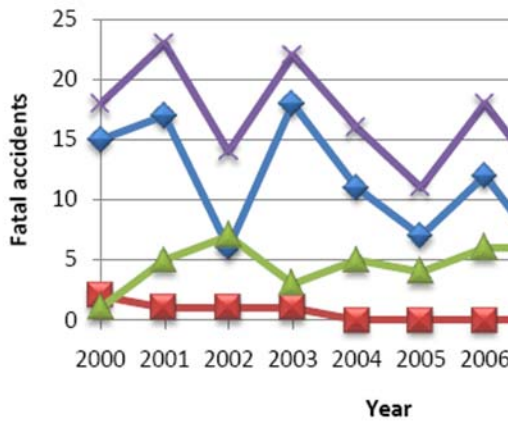


North America		IATA Members	
14 Accidents (2009)		Hull Losses	
		Fatal	
Passenger	Cargo	Ferry	Jet
64%	36%	0%	100%

Accidents per Phase of



Fatal Accidents Distribution



ASIAs Member

44 Airlines

- ABX Air
- Air Wisconsin Airlines
- Alaska Airlines
- Aloha Air Cargo
- American Airlines
- American Eagle Airlines
- Atlas Air
- Cape Air
- Chautauqua Airlines
- CitationAir
- CommutAir
- Compass Airlines
- Delta Air Lines
- Empire Airlines
- Evergreen International Airlines
- ExpressJet
- FedEx Express
- Frontier Airlines
- GoJet Airlines
- Hawaiian Airlines
- \*Horizon Air
- JetBlue Airways
- Mesa Airlines
- Miami Air International
- North American Airlines
- Omni Air International
- Piedmont Airlines
- Pinnacle Airlines
- Polar Air Cargo
- PSA Airlines
- Republic Airlines
- Shuttle America
- Silver Airways
- SkyWest Airlines
- Southern Air
- Southwest Airlines
- Spirit Airlines



- Trans States Airlines
- United Airlines
- United Parcel Service
- US Airways
- Virgin America
- World Airways

Government

- FAA, NASA,
- Naval Air Force Atlantic,
- USAF Safety Center

Industry

- AIA, Airbus, ALPA,
- A4A, Boeing, CAPA, NACA,
- NATCA, RAA, SWAPA

\*Newest Member

As of 14 February 2013



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# RASG-PA publishes Annual Safety Reports



## Measuring Results



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# Another successful RASG-PA programme is PASO\*

\*Programa de Acción de la Seguridad Operacional







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Air transport service providers share FOQA data with DGAC, Airbus, ALTA, COCESNA/ACSA to reduce unstabilized approaches in MROC (Costa Rica)





RASG-PA is looking to implement this safety data sharing initiative in other locations





There is a need to move from being reactive to proactive and in the future predictive as establish by the GASP





# There is a long way to go but we need to act now





# We need your commitment!





# ICAO is ready to assist...







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For additional information  
Contact: [echacin@icao.int](mailto:echacin@icao.int)  
Visit: [www.icao.int/nacc/](http://www.icao.int/nacc/)

