



Vigésima Quinta Reunión del Comité Directivo Ejecutivo del Grupo Regional de Seguridad Operacional de la Aviación — Panamérica (RASG-PA ESC/25)
Long Beach, Estados Unidos, 10 al 11 de diciembre de 2015

**Cuestión 5 del
Orden del Día: Plan Estratégico de RASG-PA**

GRUPO DE TRABAJO DE PLANEACIÓN ESTRATÉGICA DE RASG-PA (RSP-TF)

(Presentada por Brasil)

RESUMEN EJECUTIVO	
Esta nota de estudio presenta a la Vigésima Quinta Reunión del Comité Directivo Ejecutivo del Grupo Regional de Seguridad Operacional de la Aviación — Panamérica (RASG-PA ESC/25) los resultados del trabajo realizado por el Grupo de Trabajo de Planeación Estratégica de RASG-PA (RSP-TF) y el estado de avance de la propuesta de enmienda del <i>Manual de Procedimientos del RASG-PA</i> .	
Acción:	Se indica en el párrafo 3.1 de esta nota de estudio.
Objetivo Estratégico:	Seguridad Operacional
Referencia:	Informe de la Reunión del Grupo de Tarea sobre Planificación Estratégica del RASG-PA (RSP-TF) realizada del 25 al 26 de agosto de 2015

1. Introducción

1.1 Durante la reunión RASG-PA ESC/23 realizada en Miami, Estados Unidos, del 19 al 20 de marzo de 2015, se discutió la evolución del RASG-PA y la necesidad de mejorar sus procesos de funcionamiento. En tal sentido, la Reunión acordó la creación del Grupo de Trabajo de Planeación Estratégica de RASG-PA (RSP-TF), conformado por Brasil (Relator), Costa Rica, Curaçao, Chile, Honduras, Estados Unidos, ALTA, Boeing, CANSO e IATA, y adoptó la siguiente decisión:

DECISIÓN**RASG-PA/ESC/23/D/2****PLAN ESTRATÉGICO DEL RASG-PA**

Que RASG-PA revise el borrador del Plan Estratégico de RASG-PA presentado por Brasil para desarrollar el documento consolidado sobre el Plan Estratégico de RASG-PA, el cual será realizado por el Grupo de Trabajo de Planeación Estratégica de RASG-PA (RSP-TF).

1.2 En ese sentido se concordó que los entregables del RSP-TF serían:

- a) el Plan Estratégico del RASG-PA y
- b) el Manual de Procedimientos revisado del RASG-PA.

1.3 La revisión de estos documentos debería realizarse con base en la nota de estudio presentada por la Oficina Regional SAM de la OACI en la reunión ESC/23 realizada en Miami, Estados Unidos, y en la propuesta hecha por Brasil en la Octava Reunión Plenaria Anual del Grupo Regional de Seguridad de la Aviación – Pan América (RASG-PA/8) realizada en Medellín, Colombia, el 25 de junio de 2015.

2. Análisis

2.1 Conforme a lo anterior, se realizó la Primera Reunión del RSP-TF del 25 al 26 de agosto de 2015 en la ciudad de Lima, Perú. En esta reunión se pudo revisar la misión, visión y objetivos del RASG-PA, además de iniciar la revisión del *Manual de Procedimientos del RASG-PA*. Los resultados de la RSP-TC/1 se encuentran **Apéndice A** de esta nota de estudio (*disponible únicamente en inglés*).

2.2 Como resultado de las deliberaciones del RSP-TF/1 y luego de realizar un ejercicio de tormenta de ideas sobre lo que significaba el RASG-PA en la actualidad (2015), proyectándolo con una visión a mediano (2020) y largo plazo (2025), se identificó las principales ideas y se acordó una propuesta sobre la Misión, Visión y Objetivo del RASG-PA que se detalla en el **Apéndice B**.

2.3 En relación al Manual de Procedimientos del RASG-PA; se propuso trabajar bajo los principios de diseño que se listan en el **Apéndice C**.

2.4 Sobre el trabajo realizado, se debía complementar con la revisión detallada de los Términos de Referencia (TOR) del PA-RAST, los cuales, en la propuesta, están integrados con los TOR del Equipo de Análisis de Información (IAT). Por lo tanto, con el fin continuar con la revisión del *Manual de Procedimientos del RASG-PA* se podría necesitar una reunión adicional para completar el primer borrador de la cuarta edición del manual.

2.5 El informe de la RSP-TF/1 fue circulado el 13 y 19 de octubre del 2015 a los miembros del Grupo de Tarea para sus comentarios. Chile solicitó el envío del informe y documentos en español para lo cual se procedió a la traducción de los mismos. A la fecha no se han recibido comentarios adicionales.

3. Acción sugerida

3.1 Se invita al RASG-PA ESC/25 a:

- a) Tomar nota sobre la información proporcionada en esta nota de estudio;
- b) Revisar y aprobar, si lo considera conveniente, la propuesta para Misión, Visión y Objetivos del RASG-PA del párrafo 2.2.
- c) Revisar y aprobar, si lo considera conveniente, sobre los principios de diseño del Manual de Procedimientos del RASG-PA presentado en el párrafo 2.3;
- d) Revisar y proponer oportunidades de mejora a la propuesta del Manual de Procedimientos del RASG-PA que se encuentra en el Apéndice A.

— — — — —



~~INTERNATIONAL CIVIL AVIATION ORGANIZATION~~

REGIONAL AVIATION SAFETY GROUP – PAN AMERICA
(RASG-PA)

PROCEDURAL HANDBOOK
(4TH ~~3RD~~ EDITION)

September 2015

RASG-PA Procedural Handbook
Table of Contents

i-1

Table of Contents	Page
I. Background.....	1
II. Terms of reference	1
III. Organization.....	2
IV. Roles and Responsibilities	4
V. Meetings.....	6
VI. Appendices.....	8
Appendix A: Pan America – Regional Aviation Safety Team (PA-RAST).....	8
Appendix B: Information Analysis Team (IAT)	11
Appendix C: Aviation Safety Training Team (ASTT).....	12

RASG-PA Procedural Handbook

1-1

I. ~~I.~~ BACKGROUND

The Regional Aviation Safety Group – Pan America (RASG-PA) was established in November 2008 to use the framework provided by the ICAO Global Aviation Safety Plan and the Global Aviation Safety Roadmap to support the establishment and operation of a performance-based aviation safety system in the Pan American region.

RASG-PA supports implementation of the ICAO Global Aviation Safety Plan (GASP) and complies with ICAO Council approval of Regional Aviation Safety Groups (RASGs) with the objective to address global aviation safety matters from a regional perspective. Further, the RASG-PA supports NAM/CAR and SAM regions in establishing objectives, priorities and indicators and the setting of measurable targets to address safety-related deficiencies in each region while ensuring consistency of action and coordination of efforts

~~The RASG-PA (incluir un párrafo de la creación)~~

~~Parafrasear Apoyo del RASG al GASP y A38-2~~

~~Quote from Assembly Resolution A36-7 – Global Planning for Safety and Efficiency:~~

~~**Resolved** that these global plans [Global Aviation Safety Plan and Global Air Navigation Plan] shall provide the framework in which regional, sub-regional and national implementation plans will be developed and implemented thus ensuring harmonization and coordination of efforts aimed at improving international civil aviation safety and efficiency;~~

~~**Recognized** the importance of regional and national plans and initiatives based on the global framework for effective implementation;~~

~~**Recognized** that further progress in improving global safety and efficiency of civil aviation is best achieved through a cooperative, collaborative and coordinated approach in partnership with all stakeholders under the leadership of ICAO;~~

~~**Urged** Contracting States and the industry to apply the Global Aviation Safety Plan and Global Aviation Safety Roadmap principles and objectives and to implement its methodologies~~

II. ~~H. TERMS OF REFERENCE~~ VISION AND MISSION**Vision:**

To remain ahead of any risks to commercial aviation, seeking to achieve the highest level of safety.

Mission:

To reduce fatality risk in commercial aviation by ensuring prioritization, coordination and implementation of data driven safety enhancement initiatives in the Pan-American Region through the active involvement of all civil aviation stakeholders.

~~The RASG-PA is established to be the focal point to ensure harmonization and coordination of safety efforts aimed at reducing aviation safety risks in the North American, Central American, Caribbean (NAM/CAR), and South American (SAM) Regions and to promote the implementation of resulting safety initiatives by all stakeholders.~~

RASG-PA Procedural Handbook

1-2

~~This will be achieved through the involvement of all stakeholders including ICAO, States, International Organizations and the industry.~~

~~**Short term**~~

~~Develop and implement a work programme to continue implementation of the ICAO Global Aviation Safety Plan (GASP) and Global Aviation Safety Roadmap (GASR) in the region to ensure implementation of resulting action plans.~~

~~**Longer term**~~

~~1) Using the framework provided by the GASP and GASR, support the establishment and operation of a performance based safety system for the Pan American region by:~~

- ~~a) Ensuring that all safety activities at the regional and sub-regional level are properly coordinated to avoid duplication of efforts;~~
- ~~a) Facilitating the sharing of safety information and experiences among all stakeholders from the region;~~
- ~~b) Conducting follow up activities as required; and~~
- ~~e) In parts of the region where such a performance based safety system does not exist, analyzing the risks to civil aviation at the regional level, developing action plans necessary to mitigate the risks, and coordinating and supporting their implementation.~~

~~2) Provide feedback to ICAO and the ISSG to continually improve and ensure an up-to-date global safety framework (GASP and GASR).~~

~~III. III. STRUCTURE/ORGANIZATION~~

~~**RASG-PA Membership**~~

~~IV. Representatives and alternates may be nominated from the following:~~

~~1) 3.1 NAM/CAR and SAM States and Territories, and States:~~

- ~~a) which have notified ICAO that aircraft on their register or aircraft operated by an operator whose principal place of business or permanent residence is located in such States, operate or expect to operate into the area, or~~
- ~~a) which provide facilities and services affecting the area.~~
- ~~b)~~
- ~~c) Contracting States not meeting the above criteria and non-Contracting States are entitled to participate in RASG meetings as observers.~~

~~2) 3.2 Airline operators, international organizations, maintenance and repair organizations, regional organizations, aircraft manufactures, airport and air navigation service providers and any other allied organizations/representatives.~~

~~The members and observers will serve as partners of RASG and their joint commitment is fundamental for success in improving aviation safety worldwide.~~

~~3) Secretariat:~~

RASG-PA Procedural Handbook

1-3

The Regional Director NACC and SAM would alternate serving as Secretary of the RASG and PIRG to balance the Secretariat responsibilities between these two regional groups.

RASG-PA Procedural Handbook

1-1

~~RASG-PA~~ Executive Steering Committee (ESC) Membership

The RASG-PA Executive Steering Committee membership is based on the following principles:

- a) Geographical balance within and between the NAM/CAR and SAM Regions;
- b) Balance between States and international organizations/industry;
- c) a diversity of interests and areas of expertise;
- d) a manageable number of members to function effectively as an executive body.

The membership of Steering Committee will be composed of:

- a) Four States from CAR/NAM Region
- b) Four States from SAM Region.
- c) Eight representatives from International organization and Industry
[Any RASG-PA Member may attend meetings of the Executive Committee.]

ESC member States will be elected for a renewable three year term in accordance with the procedures of the respective Regional Office.

If any member of the ESC is unable to complete their term, a replacement should be elected in accordance with the principles of ESC membership.

~~RASG-PA Co-Chairperson (State/Territory) Regulator 1~~

~~RASG-PA Co-Chairperson (International Organization/Industry) Industry 1~~

~~RASG-PA Vice-Chairpersons (four from States/Territories as listed below) Regulator 2,3,4,5~~

~~ICAO NACC/SAM Regional Directors (one to serve as Secretary, alternating with GREPECAS)~~

~~ICAO HQ ANB Representative ICAO Int. Org 1~~

~~RASG-PA Representatives and/or alternates of the following Groups/Organizations:~~

~~NAM Region (1) Repeated~~

~~CAR Region – English speaking States (CAR-E) (1) Repeated~~

~~CAR Region – Spanish speaking States (CAR-S) (1) Repeated~~

~~SAM Region (2) Repeated~~

~~ACI Regional Industry Org 1~~

~~Airbus Manufacturer 1~~

~~ALTA Regional Industry Org 2~~

~~Boeing Manufacturer 2~~

~~CANSO Regional Industry Org 3~~

~~CASSOS RSOO 1~~

~~COCESNA ANSP 1~~

~~EMBRAER Manufacturer 3~~

~~FSF USA Org~~

~~IATA Int. Org 2~~

~~IFALPA Int. Org 3~~

~~IFATCA Int. Org 4~~

~~Election of Co-Chairpersons of RASG-PA and State/Territory Representation on Executive Steering Committee~~

~~The Executive Steering Committee RASG-PA Chairmanship Co-Chairpersons will be composed of elected as follows:~~

- One Co-Chairperson from ESC member States/Territories
- One Co-Chairperson from ~~an~~ ESC member International Organizations/Industry

RASG-PA Procedural Handbook

1-2

~~In total, there will be five regional/sub regional State ESC representatives from member States/Territories, including the Co-Chairperson.~~

~~ESC member States/Territories and Industry/International organization will each propose their Co-Chair for confirmation by the RASG-PA members. In order to preserve institutional memory the election of the Co-Chairs will not occur in the same year. The Co-Chairperson for States/Territories will be elected from one of the five regional/sub regional representatives. The Vice Chairpersons will be elected from the four remaining regions/sub region(s). Elections will be convened during a regular meeting of RASG-PA members.~~

~~The Co-Chairperson for International Organizations/Industry will also be elected during a regular meeting of RASG-PA members.~~

~~Co-Chairpersons will serve for a period of three years and may be re-elected, but may not serve for more than two consecutive terms. The election cycle of State/Territories Co-Chairperson will begin in 2008, and then every three years, 2011, 2014, etc. The election cycle for the International Organizations/Industry Co-Chairperson will begin in 2010 and then every three years, 2013, 2016, etc.~~

~~Chairpersons will be elected on a rotational basis, serve for a period of three years and may be re-elected. Therefore, in order to avoid loss of continuity of member expertise, one Vice-Chairperson will be elected/re-elected at the annual RASG-PA Meeting. The order of re-election shall be: First Vice-Chairperson, Second Vice-Chairperson, Third Vice-Chairperson, and Fourth Vice-Chairperson.~~

~~If either Co-Chair is unable to attend a meeting, their ESC members will elect a replacement to serve during that meeting.~~

~~If any member of the ESC is unable to complete their term, a written notification of the circumstances shall be forwarded to the RASG-PA Secretary.~~

~~If any member of the ESC is unable to complete their term, an election to fill the vacant position will be held at the next RASG-PA meeting or as decided by the ESC.~~

RASG-PA Working Groups and Committees

~~ESC RASG-PA working groups may will be established working groups or committees as required to support the development, implementation and prioritization of RASG-PA safety initiatives activities. Working groups They will report operate in coordination with and under the guidance of the to the ESC. Working groups will accomplish their tasks by developing mitigation strategies based on gathering and processing safety data and information. These mitigation strategies shall be focused on the Global Aviation Safety Plan and corresponding Global Safety Initiatives.~~

The duration of working group activities will be established by the ESC.

RASG-PA Committees

~~RASG-PA committees may be established as required to support the development, implementation and furtherance of RASG-PA goals and objectives.~~

IV. IV RESPONSIBILITIES OF ESC

RASG-PA Procedural Handbook

1-3

- [1. Develop and approve the work plan including objectives, priorities and indicators and the setting of measurable targets to address safety-related deficiencies in each region](#)
- [2. Oversee the activities of working groups and committees](#)
- [3. Approve the budget proposals](#)
- [4. Manage the communication plan](#)

V. ~~IV. FUNCTIONS OF ESC MEMBERS~~ ~~ROLES AND RESPONSIBILITIES~~

Co-Chairpersons will:

1. Call meetings
2. Chair the RASG-PA meetings
3. Keep focus on high priority items
4. Ensure agendas meet objectives to improve safety
5. Provide leadership for ongoing projects and accomplishments
6. Promote consensus among the group members
7. Coordinate RASG-PA activities closely with the Secretariat
8. Promote RASG-PA and lobby for contributors

ESC Members will:

1. Assist Co-Chairpersons
2. Keep focus on high priority items
3. Ensure agendas meet criteria to improve safety
4. Provide leadership for ongoing projects and accomplishments
5. Promote consensus among the group members
6. Maintain communication and linkage with the Secretariat regarding RASG-PA activities
7. Identify an alternate for representation on ESC
- [8. Complete assigned tasks](#)
- ~~9.~~ [Ensure alignment of RASG-PA activities with the GASP/GASR](#)

~~Participation of Co-Chairpersons and other ESC Members in meetings:~~

~~Attendance of the Co-Chairpersons and other ESC members or their designated alternate is essential to the success of the RASG-PA. Participation in ESC meetings and teleconferences is required, taking into account unforeseen circumstances. Should ESC members or their designated alternates not be present at three or more consecutive meetings, excluding teleconferences, the RASG-PA Executive Steering Committee may consider removal and election of a replacement.~~

Secretariat:

The Secretariat will support the Co-Chairpersons by providing administrative, coordination and technical support to the RASG-PA and ESC. The Secretary will be provided by ICAO (NACC or SAM Regional Director alternating with GREPECAS Secretary).

The Secretariat will:

- Coordinate meeting logistics with meeting host(s)
- Develop meeting agendas [proposals in coordination with the Co-Chairs](#)
- Ensure meeting agendas, documentation and summaries are provided to members

RASG-PA Procedural Handbook

1-4

- Ensure meeting summaries, notices, and related documents are posted in a timely manner on the RASG-PA website
- Control and administer the RASG-PA website
- ~~Track, m~~ Monitor and facilitate action items and report status to the ~~ESC Co-Chairpersons~~
- ~~Ensure alignment of RASG-PA activities with the CASP/CASR~~
- Maintain communication with the Co-Chairs, ESC members and RASG-PA members by the proper official channels
- Identify required administrative support
- Manage the work programme
- Administer and reports on budget execution/allocation for ESC approval

RASG-PA Procedural Handbook

1-5

~~Participation at RASG-PA Meetings Members:~~

~~Each RASG-PA member State/Territory and International Organization will designate a representative and an alternate representative able to support RASG-PA goals and objectives. If designated representation changes, any proposed replacement must be submitted to the RASG-PA Secretary.~~

~~Other individuals may be invited to attend meetings as a non member participant to provide direct administrative support to the RASG-PA member(s) and activities or as guest observers.~~

~~RASG-PA members will:~~

- ~~1. Come to the meeting prepared, and provide active support by deliberating and identifying issues.~~
- ~~2. Support goals and objectives by maintaining timely and active communication between organization represented and RASG-PA.~~
- ~~3. Share safety improvements with RASG-PA members~~

~~Executive Steering Committee~~

~~An Executive Steering Committee (ESC) composed of representatives from States/Territories, international organizations and industry will be established to guide the work of the RASG-PA and ensure that safety initiatives are accomplished in a timely, effective and efficient manner. To that end, the ESC will:~~

- ~~1. Propose the RASG-PA meeting and work programme;
—establishing objectives, priorities and indicators and setting measurable targets to address safety related deficiencies in the CAR and SAM region while ensuring consistency of action and coordination of efforts~~
- ~~2. Coordinate the activities of the RASG-PA and all CASP/CASR safety related initiatives and adjust strategy as necessary~~
- ~~3. Act as an advisory body to the RASG-PA~~
- ~~4. Provide regular safety environment assessments to the RASG-PA~~
- ~~5. Undertake any action required to ensure that the RASG-PA achieves its objective to reduce aviation risks and minimize or avoid duplication of efforts in the NAM, CAR and SAM Regions~~

~~Non-Member Participant and Guest Observers:~~

~~Non-Member Participant: Individual who is invited at the discretion of the RASG-PA Secretary, in consultation with the Co Chairs, to participate in RASG-PA activities and meetings, without voting authority, to enhance the quality and effectiveness of RASG-PA.~~

~~Guest Observer: An individual or group who is invited at the discretion of the RASG-PA Secretary, in consultation with the Co Chairs, to strictly observe a RASG-PA meeting or activity.~~

RASG-PA Procedural Handbook

1-6

VI. MEETINGS

~~RASG-PA will meet every three years, the year following before each ICAO Assembly, preferable. The annual meeting of the RASG-PA shall be held in either October or November of each and every year as decided by the ESC during the last quarter of the year.~~ The Secretariat shall notify all members of the time and place with at least 60 days prior notice of such ~~annual~~ meeting. ~~The meeting venues shall alternate between the NACC and SAM M, CAR and SAM Regions.~~ Special meetings of this group may be called by the Secretariat when deemed in the best interest of the group, either face to face meeting or by teleconference.

~~RASG-PA Annual~~ meetings (face to face) shall be bi-lingual (Spanish and English) with simultaneous interpretation services ~~provided by the meeting host~~ and documentation provided as needed, in both languages. ESC meetings will be bi-lingual (Spanish and English) with simultaneous interpretation whenever possible.

~~Regular meetings of the ESC shall be held monthly via teleconference on a day and time agreed to by the ESC.~~ Special meetings of the ESC either face to face or by teleconference, may be called by the Secretariat when deemed in the best interest of the group.

For the purposes of conducting business during ESC meetings, the presence of not less than 50 percent plus 1 and balanced participation among Industry and States, of the ESC members shall constitute a quorum and shall be necessary to conduct the business of this organization if it is necessary (revisa). Only members or their designated alternates shall have authorization to vote during ESC meetings/teleconferences.

~~VI.~~ VII. APPENDICES

A. ~~A.~~ Pan America — Regional Aviation Safety Team (PA-RAST)

~~A.~~ B.

~~B.~~ Information Analysis Team (IAT)

~~C.~~ Aviation Safety Training Team (ASTT)

APPENDIX A

PAN AMERICA — REGIONAL AVIATION SAFETY TEAM (PA-RAST) TERMS OF REFERENCE (TORs)

Purpose of the Regional Aviation Safety Team:

Roles and Responsibilities:

- Analyze available data sources (reactive, proactive and predictive) to pursue data driven safety management.
- Recommend objectives, priorities and indicators and setting measurable targets to address safety-related deficiencies in the CAR and SAM region, ensuring ~~ensuring~~ consistency of action and coordination of efforts
- Identify safety issues for action or follow up and to inform ESC for executive decisions making.
- Outputs will be in a de-identified format.
- Analyze data driven safety risk areas identified by RASG-PA using the Global Aviation Safety Roadmap (GASR) process.
- ~~Recognize~~ possible mitigation measures and provide recommended actions to ESC categorized by:
 - a. ~~1. Global Safety Initiative (GSI) Number;~~
 1. ~~2. RAST Number in the form of RAST PA/(Risk areas approved by ESC)/#~~ (i.e. RASTPA/CFIT/1);
 2. ~~3. Safety Impact (High, Medium or Low);~~
 3. ~~4. Changeability (Difficult, Moderate and Easy) taking into consideration political will, commitment / consensus, resource requirements, availability for implementation, potential blockers – what conditions exist that could prevent implementation;~~
 4. ~~5. Impact-Changeability (IC) Indicator (P1, P2, P3, etc.);~~
 5. ~~6. Priority;~~
 6. ~~7. Champion;~~
 7. ~~8. Notes.~~
- Recommend establishment of achievable projects based on prioritized mitigation measures with well-defined deliverables (including metrics to assess the effectiveness of the proposed mitigation actions) and clear time-frames established to the RASG-PA Executive Steering Committee for further action.
- Support Industry safety information sharing forums.

Data Protection:

1. All safety data utilized or safety analysis and information developed will be protected from public disclosure.
2. All data contributors will execute and be bound by the provisions of the Memorandum of

RASG-PA Procedural Handbook

1-8

Understanding between that data contributor and RASG-PA.~~**Membership:**~~

- ~~1. ICAO contracting States and Territories of the NACC and SAM Regions;~~
- ~~2. International and Regional Organizations;~~
- ~~3. Aircraft manufacturers;~~
- ~~4. Other representative organizations, or any entity directly involved in aviation safety may be invited to join the work group as a full member or observer as decided by ICAO RASG-PA Secretariat.~~

~~**Roles and Responsibilities:**~~

- ~~1. ICAO HQ Support;~~
- ~~2. ICAO NACC and SAM Regional Officers Support;~~
- ~~3. Workgroup Members Provide technical expertise and collaborate in the development of material as requested by RAST.~~

Safety Enhancement Teams (SETs)

Purpose of the SETs:

The purpose of the SET is to prepare and develop Detailed Implementation Plans (DIPs) for the four focus areas as determined by RASG-PA.

Membership:

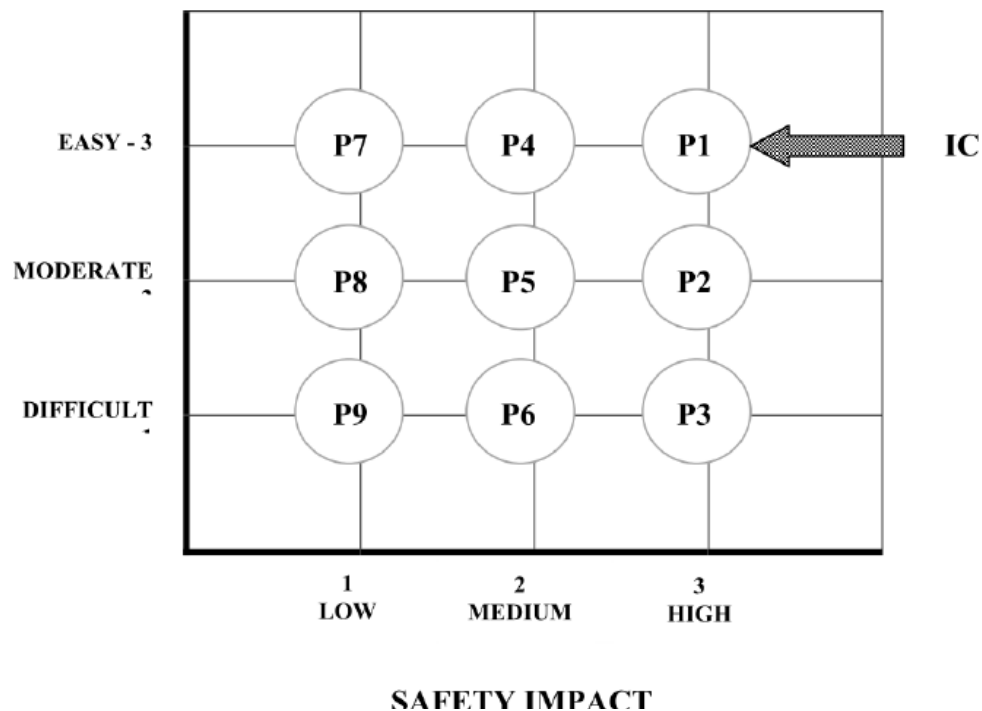
Each SET will include States/Territories and International Organizations/Industry. The team leader will be responsible to coordinate the team meetings and will report to the PA-RAST meetings.

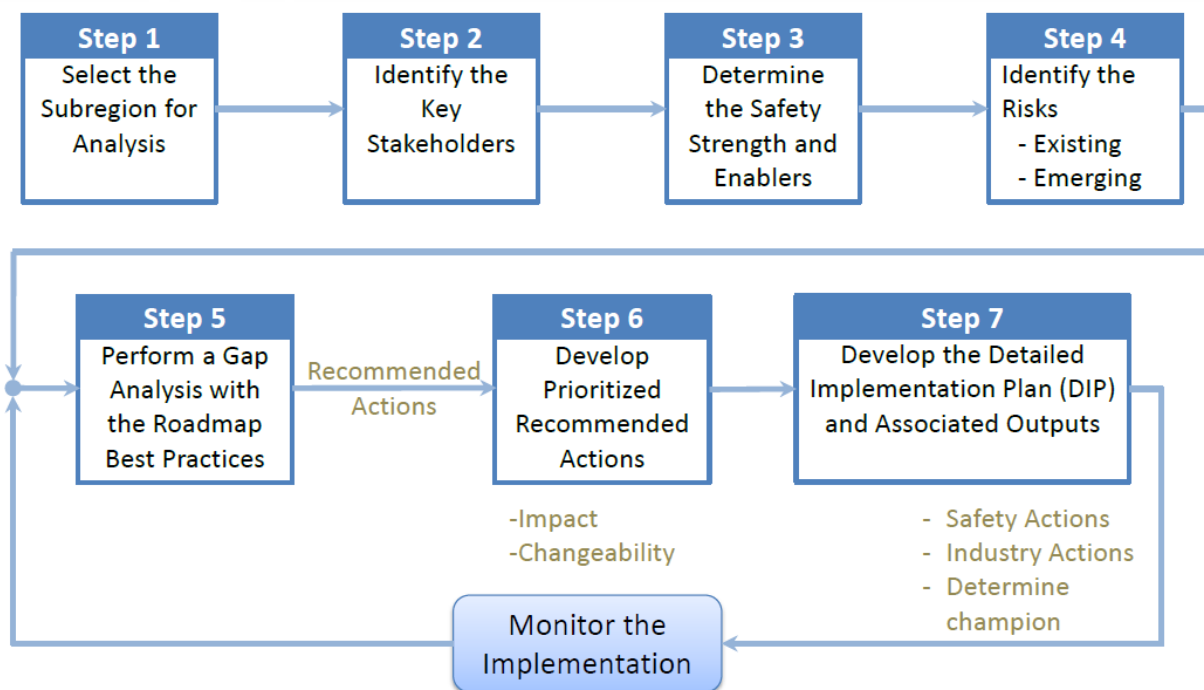
Safety Enhancement Team Methodology:

1. Review and analysis of accident risk (pareto, etc.)
2. Review of applicable safety enhancements
3. Start preparing DIPs
4. Review DIPs with PA-RAST
5. Present DIPs to ESC for information
6. Coordinate DIP implementation at PA-RAST
7. Monitor progress

RASG-PA Safety Enhancement Initiative Methodology

Impact-changeability (IC) Level Chart



Development of a Safety Enhancement Initiative (SEI) by RASG-PA

RASG-PA Procedural Handbook

1-11

APPENDIX B**PAN AMERICA INFORMATION ANALYSIS TEAM (PA-IAT)**
TERMS OF REFERENCE (TORS)**PURPOSE OF THE PAN AMERICA INFORMATION ANALYSIS TEAM:**

- 1. THE IAT WILL UTILIZE APPROPRIATE AVAILABLE DATA SOURCES TO PURSUE DATA DRIVEN PREDICTIVE SAFETY MANAGEMENT.**
- 2. THE IAT WILL PROVIDE IDENTIFIED SAFETY ISSUES TO PA-RAST FOR ACTION OR FOLLOW-UP. ANY OUTPUTS FROM THE IAT WILL BE IN A DE-IDENTIFIED FORMAT.**

MEMBERSHIP:

- 1. THE IAT WILL CONSIST OF SUBJECT MATTER EXPERTS FROM RASG-PA MEMBER ORGANIZATIONS.**
- 2. AT A MINIMUM, MEMBERS WILL BE DRAWN FROM STAKEHOLDERS REPRESENTING ICAO REGIONAL OFFICES, STATES, INDUSTRY, AND PILOT AND AIR TRAFFIC CONTROL ORGANIZATIONS.**

ROLES AND RESPONSIBILITIES:

- 1. ROLES AND RESPONSIBILITIES OF THE IAT INCLUDE, BUT ARE NOT LIMITED TO:**
 - A. DETERMINE APPROPRIATE DATA TO BE USED.**
 - B. DEVELOP, IMPLEMENT, AND MONITOR METRICS.**
 - C. SUPPORT INDUSTRY SAFETY INFORMATION SHARING FORUMS.**
 - D. PREPARE STATUS REPORTS FOR STAKEHOLDERS.**
- E. THE IAT WILL BE LEAD JOINTLY BY REPRESENTATIVES FROM STATES, INDUSTRY, AND INTERNATIONAL ORGANIZATIONS.**

DATA PROTECTION:

- 1. ALL SAFETY DATA UTILIZED BY THE IAT OR SAFETY ANALYSIS AND INFORMATION DEVELOPED BY THE IAT WILL BE PROTECTED FROM PUBLIC DISCLOSURE.**
- 2. ALL DATA CONTRIBUTORS WILL EXECUTE AND BE BOUND BY THE PROVISIONS OF THE MEMORANDUM OF UNDERSTANDING BETWEEN THAT DATA CONTRIBUTOR AND RASG-PA.**

RASG-PA Procedural Handbook

1-12

~~APPENDIX C~~~~AVIATION SAFETY TRAINING TEAM (ASTT)
TERMS OF REFERENCE (TOR)~~~~PURPOSE OF THE AVIATION SAFETY TRAINING TEAM:~~

- ~~1. ASSESS, IDENTIFY AND CATEGORIZE AVAILABLE FLIGHT SAFETY TRAINING.~~
- ~~2. MAKE FLIGHT SAFETY TRAINING AVAILABLE TO THE ENTIRE AVIATION COMMUNITY THROUGH THE RASG-PA WEBSITE.~~
- ~~3. ENSURE THAT THE SAFETY TRAINING THAT WILL BE AVAILABLE IS ALIGNED WITH THE TOP THREE DATA-DRIVEN RISK AREAS AS IDENTIFIED BY THE RASG-PA:~~
 - ~~A. RUNWAY EXCURSION (RE)~~
 - ~~B. CONTROLLED FLIGHT INTO TERRAIN (CFIT)~~
 - ~~C. LOSS OF CONTROL IN FLIGHT (LOC-I)~~
- ~~4. ESTABLISH A METHODOLOGY FOR REVIEWING AND UPDATING THE RASG-PA CATALOGUE OF FLIGHT SAFETY TRAINING MATERIAL EVERY SIX MONTHS.~~
- ~~5. COORDINATE IN-KIND CONTRIBUTIONS OF TRAINING MATERIAL AND SUPPORT REGARDING THE TOP THREE DATA-DRIVEN RISK AREAS AS IDENTIFIED BY THE RASG-PA.~~
- ~~6. COORDINATE AND IMPLEMENT THE MOST EFFICIENT AND EFFECTIVE METHOD TO DISSEMINATE TRAINING MATERIAL THROUGH THE USE OF CURRENT TECHNOLOGY.~~
- ~~7. ESTABLISH METRICS TO DETERMINE THE EFFECTIVENESS OF THE TRAINING MATERIAL AVAILABLE.~~

~~MEMBERSHIP:~~

- ~~1. ICAO CONTRACTING STATES AND TERRITORIES OF THE NACC REGIONS.~~
- ~~2. ICAO CONTRACTING STATES OF THE SAM REGION.~~
- ~~3. INTERNATIONAL AND REGIONAL ORGANIZATIONS.~~
- ~~4. AIRCRAFT MANUFACTURERS.~~
- ~~5. OTHER REPRESENTATIVE ORGANIZATIONS OR ANY ENTITY DIRECTLY INVOLVED IN AVIATION SAFETY MAY BE INVITED TO JOIN THE WORK GROUP AS A FULL MEMBER OR OBSERVER AS DECIDED BY ICAO RASG-PA SECRETARIAT.~~

~~ROLES AND RESPONSIBILITIES:~~

- ~~1. ICAO HQ: SUPPORT.~~
- ~~2. ICAO NACC: SUPPORT.~~
- ~~3. ICAO SAM: SUPPORT.~~
- ~~4. TEAM MEMBERS: PROVIDE TECHNICAL EXPERTISE AND COLLABORATE ON THE DEVELOPMENT AND IMPLEMENTATION OF THE TASK PER RASG-PA MANDATE.~~

APÉNDICE B

PROPUESTA DE LA VISIÓN, MISIÓN Y OBJETIVO DEL RASG-PA

- **Misión:** Reducir el riesgo de accidentes fatales en la aviación comercial, mediante la priorización, coordinación e implantación de iniciativas basadas en datos para mejorar la seguridad operacional en la Región Panamericana, a través de la activa participación de todas las partes involucradas en la aviación civil.
- **Visión:** Anticiparse a cualquier riesgo para la aviación comercial, tratando de alcanzar el más alto nivel de seguridad operacional.
- **Objetivo:** Usando el año 2010 como línea base, reducir en un 50% el riesgo de accidentes fatales en las operaciones de la Parte 121 o su equivalente para el año 2020 en América Latina y el Caribe.

— — — — —

APÉNDICE C

PRINCIPIOS DE DISEÑO DEL MANUAL DE PROCEDIMIENTOS DEL RASG-PA

- Estabilidad a largo plazo: evitar constantes revisiones del manual
- De fácil lectura e interpretación: a fin de evitar procedimientos inaplicables y detalles innecesarios donde se debería aplicar el sentido común
- Flexibilidad de la operación del RASG-PA: para evitar redacciones excesivas; dejando sólo lo que sea estrictamente necesario, en el entendido que, en cualquier momento, el ESC puede tomar decisiones que sirvan de guía para el trabajo. “Es más fácil revisar una decisión que revisar un Manual de Procedimientos”
- Fortalecer el enfoque cooperativo y el carácter consensual de la toma de decisiones
- Buscar un mejor equilibrio entre los Estados/Territorios/industria y la representatividad SAM y NACC de la OACI
- Mayor eficiencia y efectividad en las actividades del RASG-PA, ESC y RAST-PA.
- Reducir la cantidad de reuniones, pero siempre permitiendo la convocatoria presencial cuando fuera necesario

— FIN —