# Mid-Air Collision Survey Preliminary Outcome
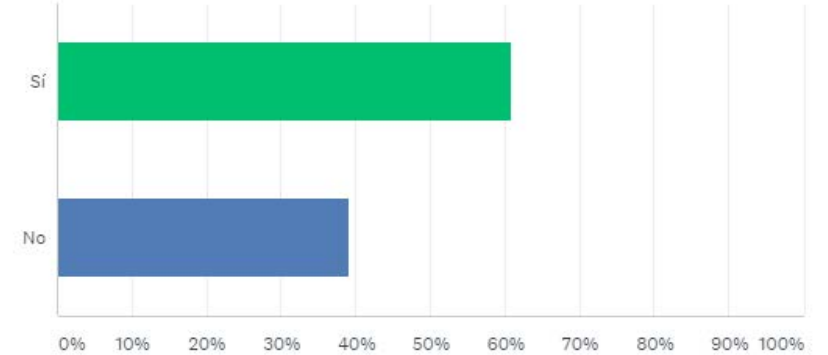
Evaluation of pilot awareness of the applicability of regulatory concepts designed to avoid Mid-Air Collisions (MAC)

Q1 - Does your current national regulations prescribe the "See and Avoid" concept, requiring pilots to maintain vigilance when weather conditions permit, regardless of the flight operating rules (IFR/VFR)?
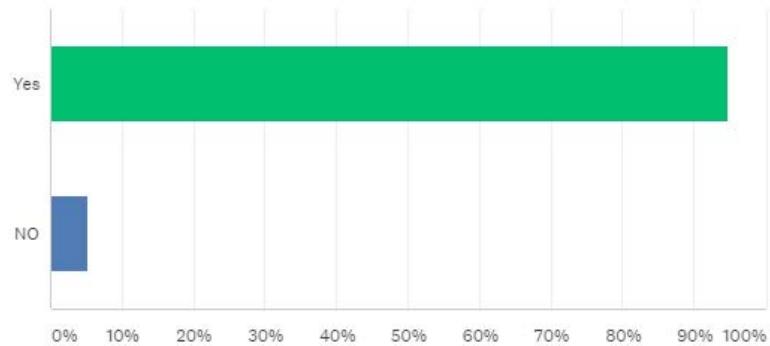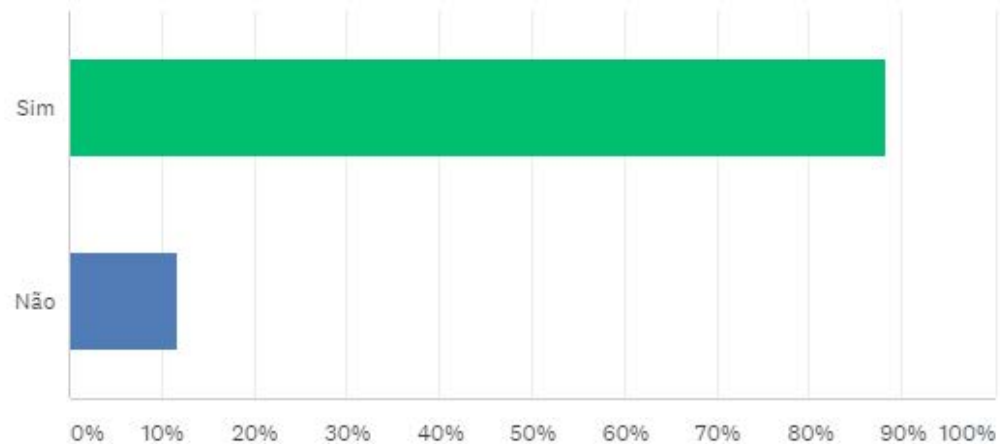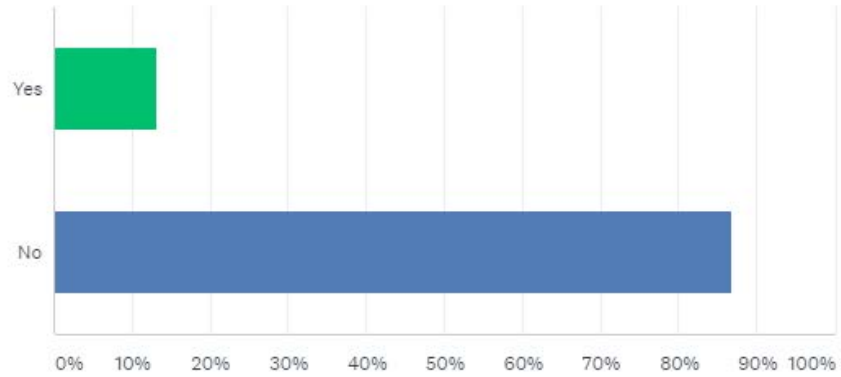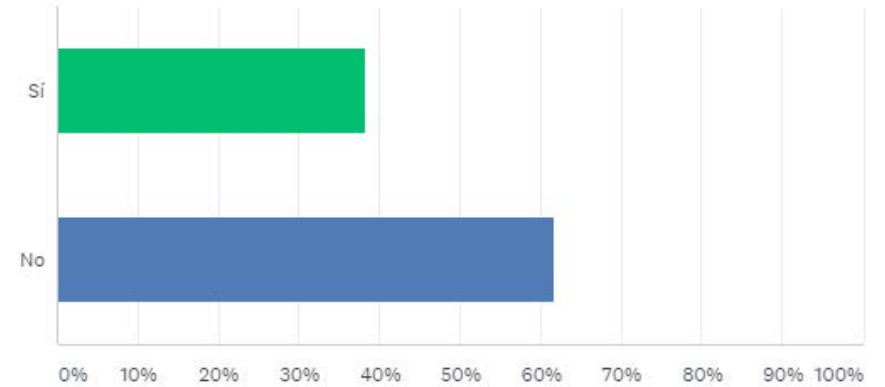
Q2 - In the last five years, have you experienced any situation of loss of separation that could be classified as a Near Mid-Air Collision (NMAC) event?
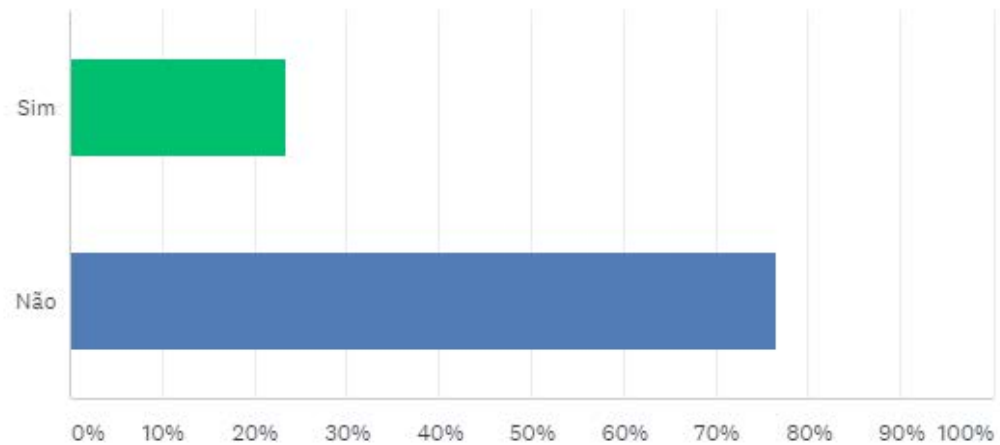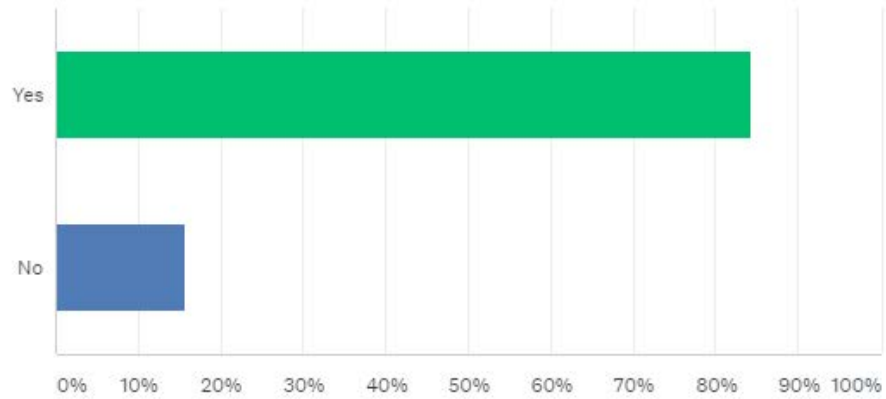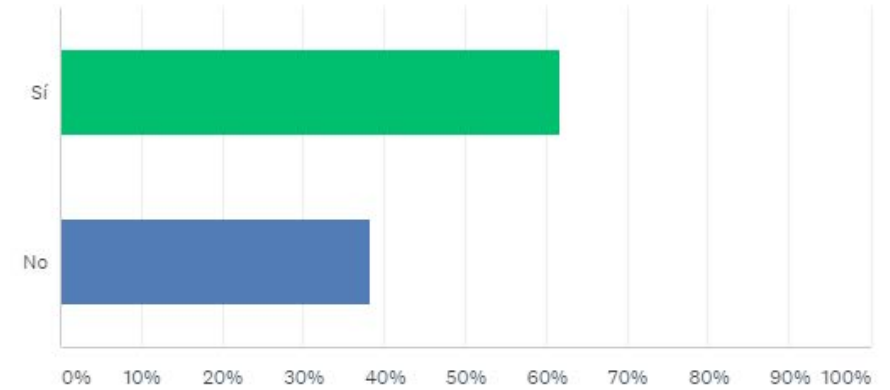
Q3 - Do you consider the information sources you use for flight planning sufficient and clear to provide for a better briefing in avoidance of MACs?
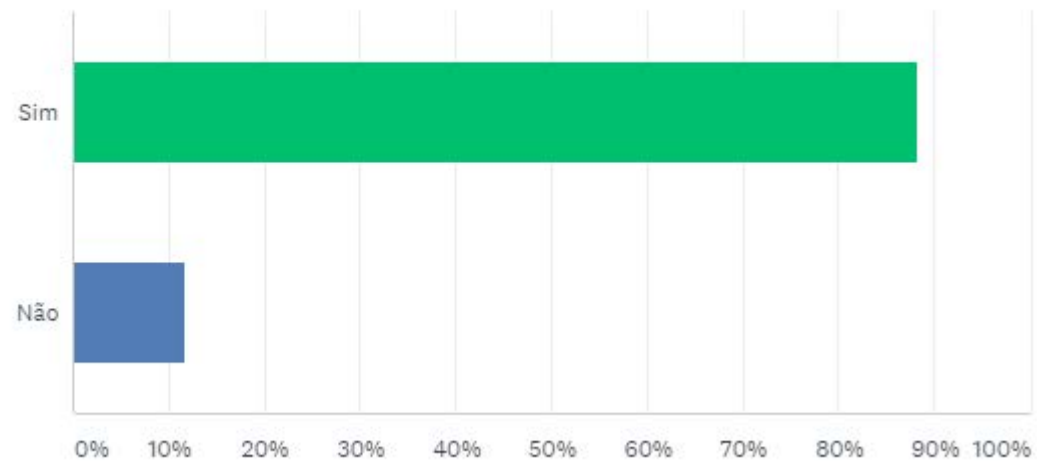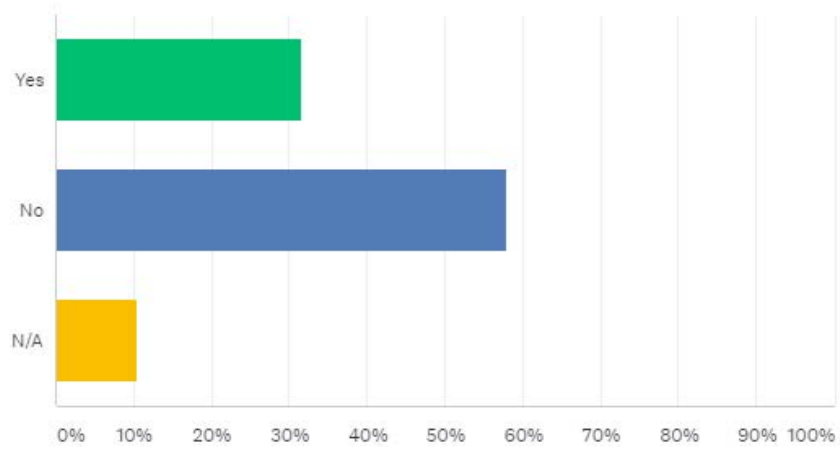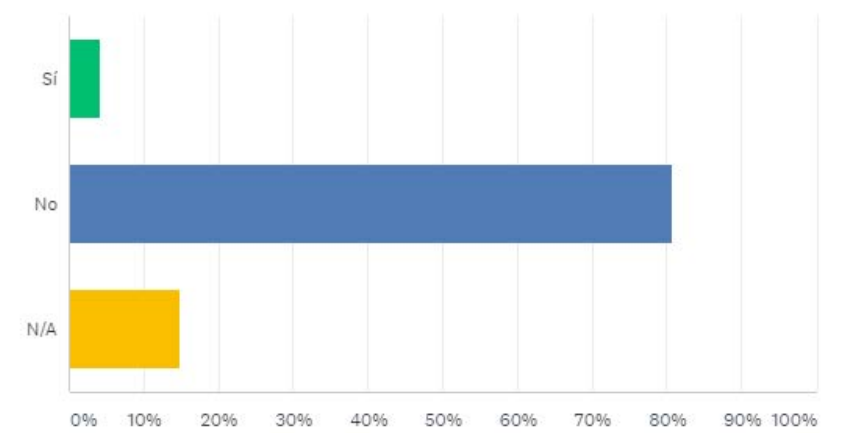
Q4 - Does your approach/departure brief have a visual scan procedure to ensure detection of conflicting traffic?
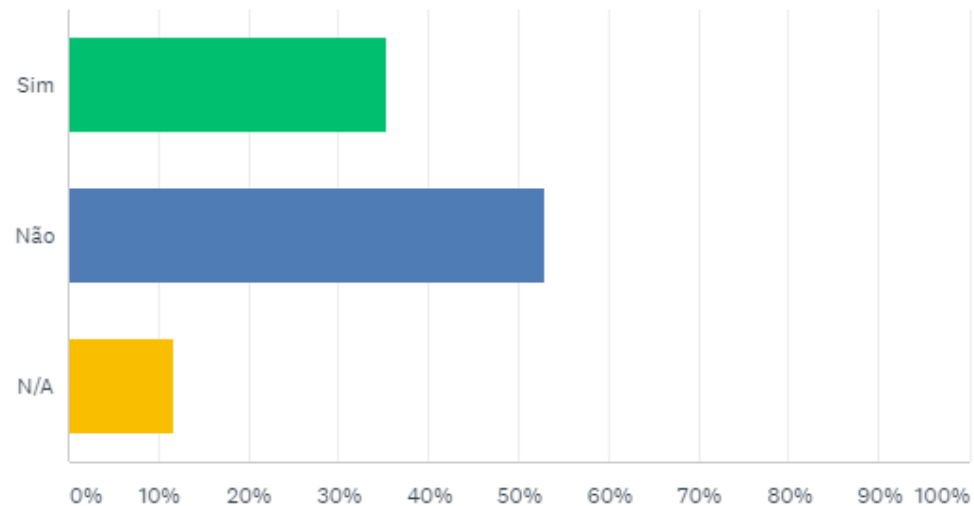

Answered: 38   Skipped: 0
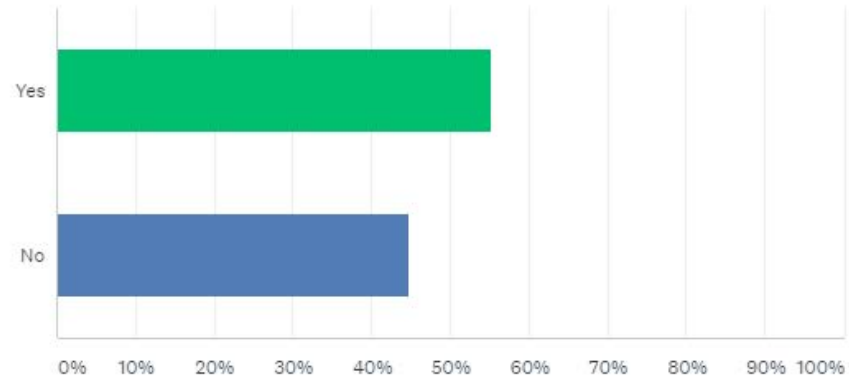

Answered: 47   Skipped: 0
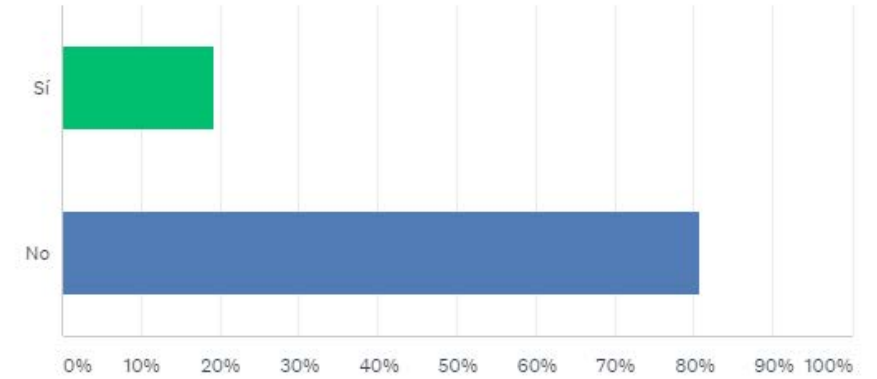

Answered: 17   Skipped: 0

Q5 -Do you consider your flight training program effective in addressing techniques related to visual scanning and detection (eye focusing/movements, spotting threats, nighttime searches, physical obstructions)?
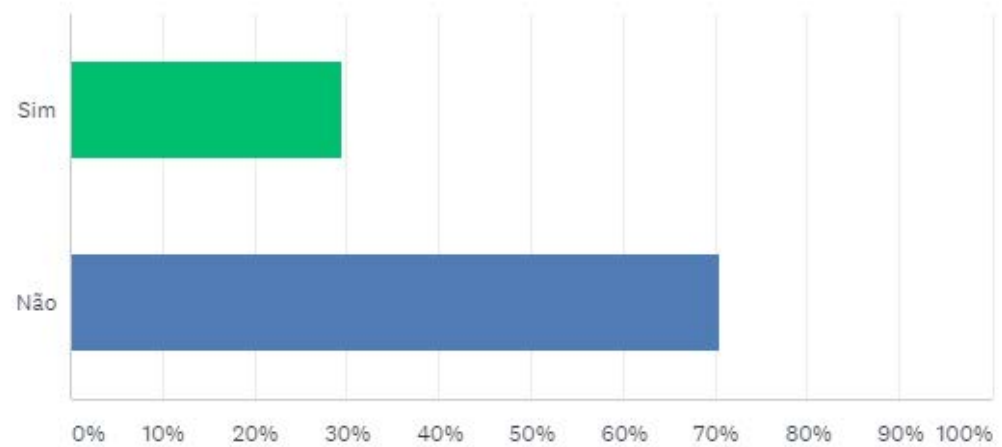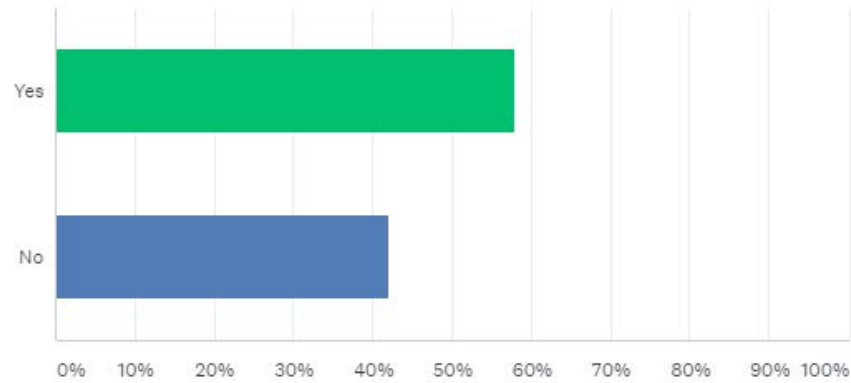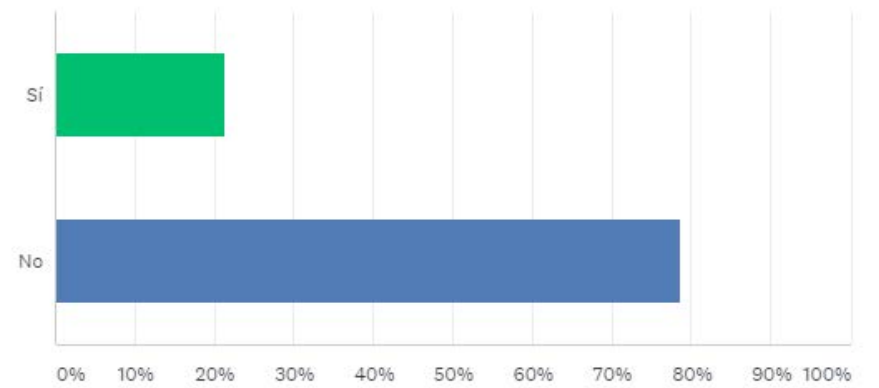
Q6 - Does your organization employ specific safety procedures to address see-and-avoid techniques, prior to the commencement of training maneuvers?
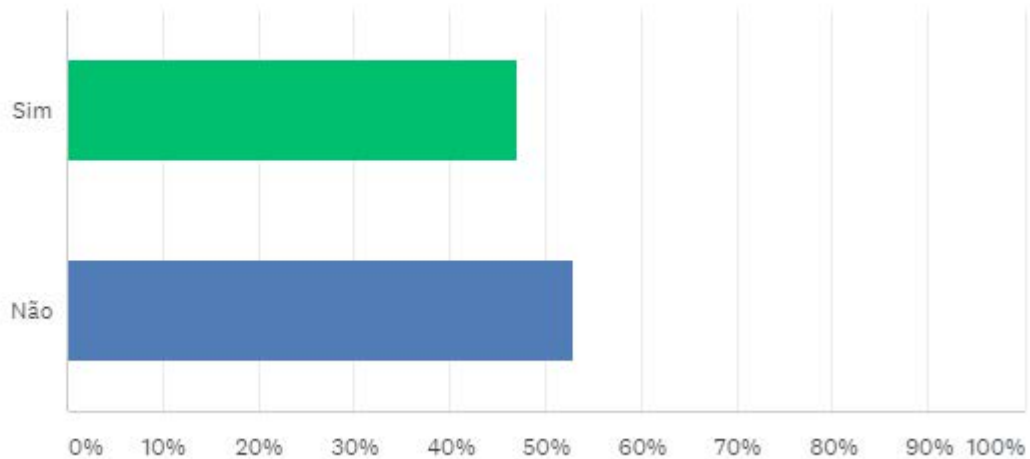
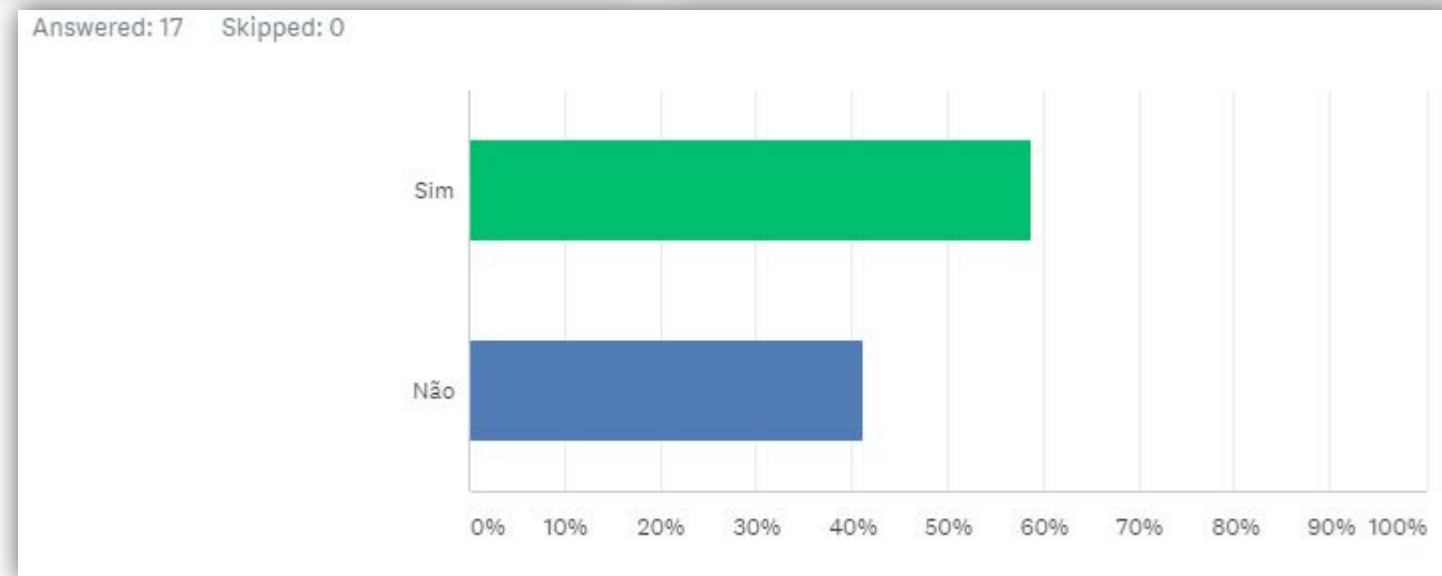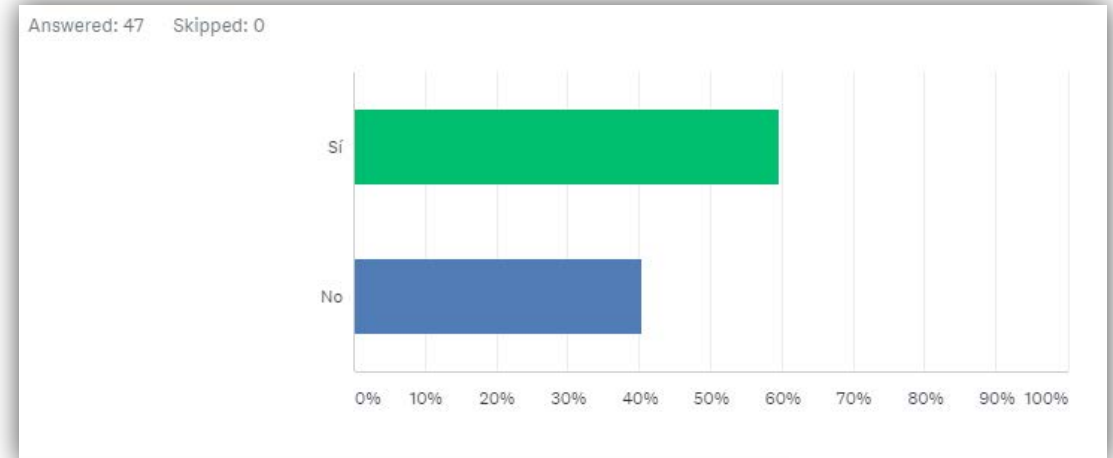Q7 - Have you noticed or felt any inadequacies of the training on Airspace, Flight Rules, and Operational Environment, particularly on the content related to the use of resources and special operational environments, to address MAC events?
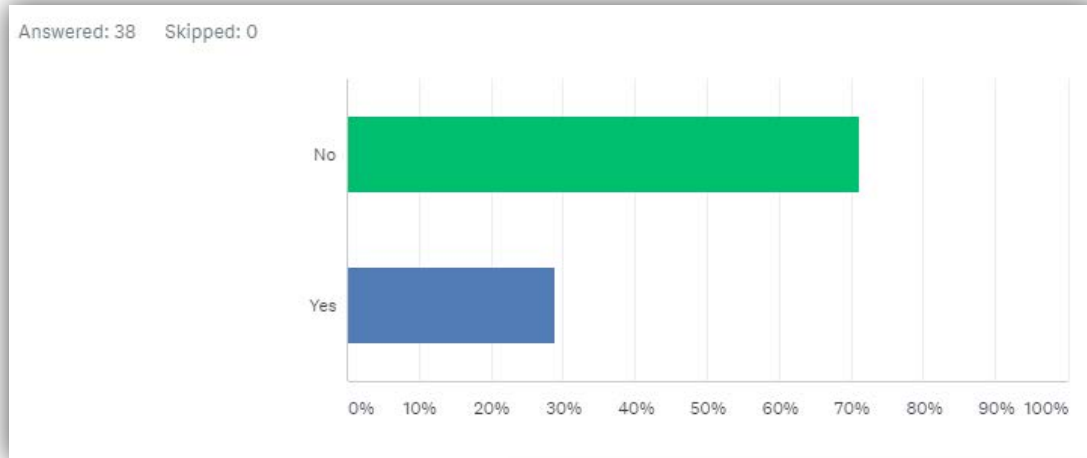
Q8 - Are pilots in your organization continuously trained on the proper use of Aircraft Systems and Technologies with emphasis on the prevention of MAC?
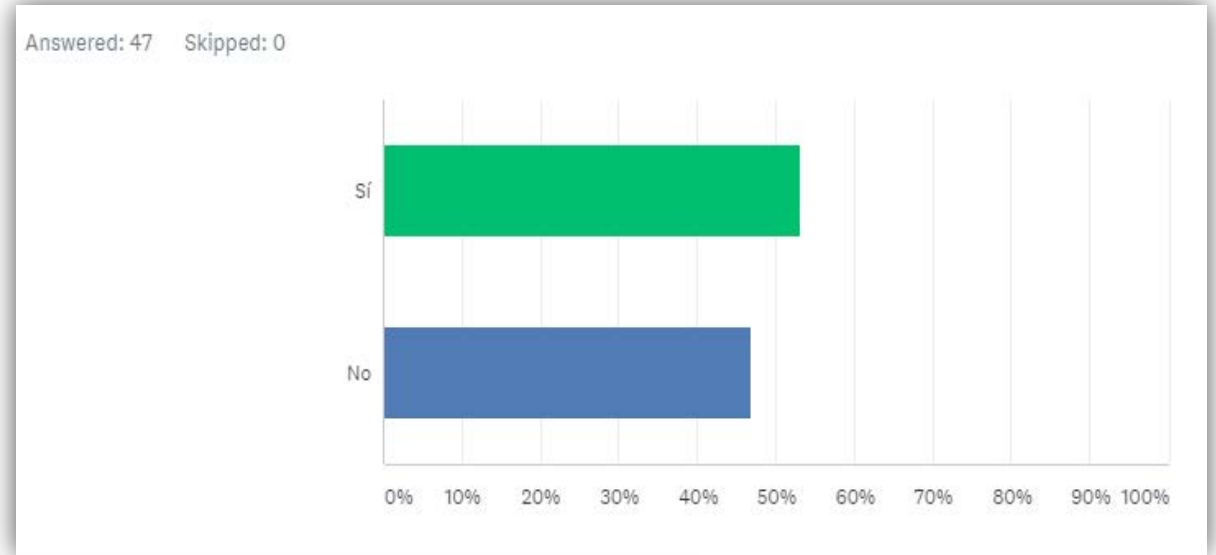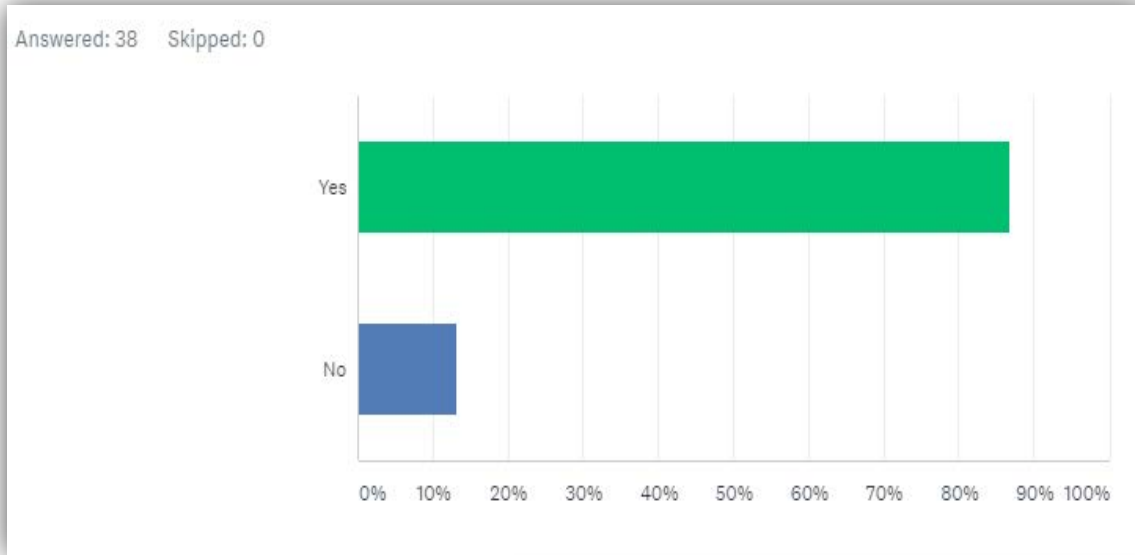
Q9 - Is the communication of Traffic Advisories in terminal areas (not participating VFR traffic) part of your SOP?

Q10 - Are there recommendations pertaining to traffic pattern environment presented in the SOPs and are they part of flight crew training programs?

Answered: 38   Skipped: 0

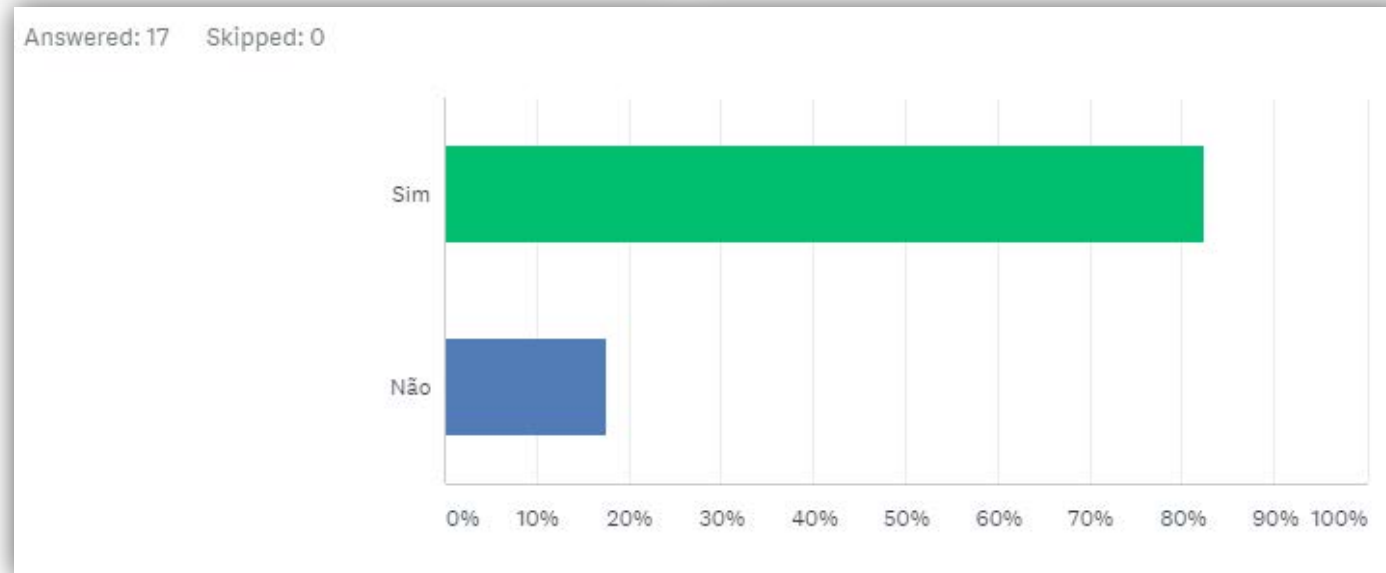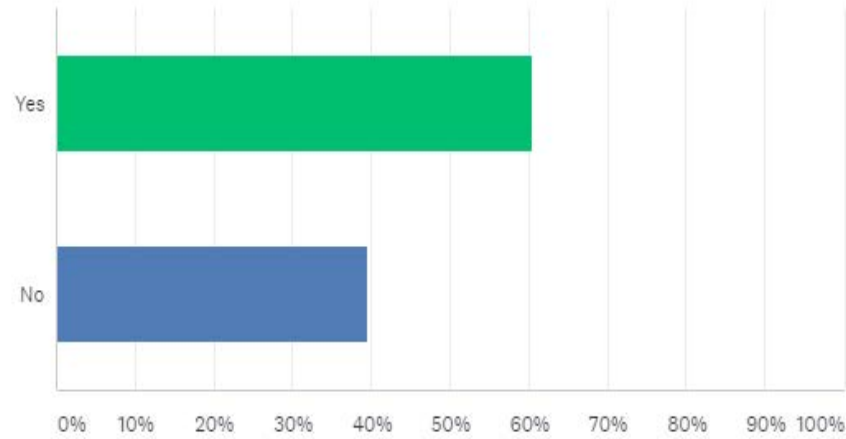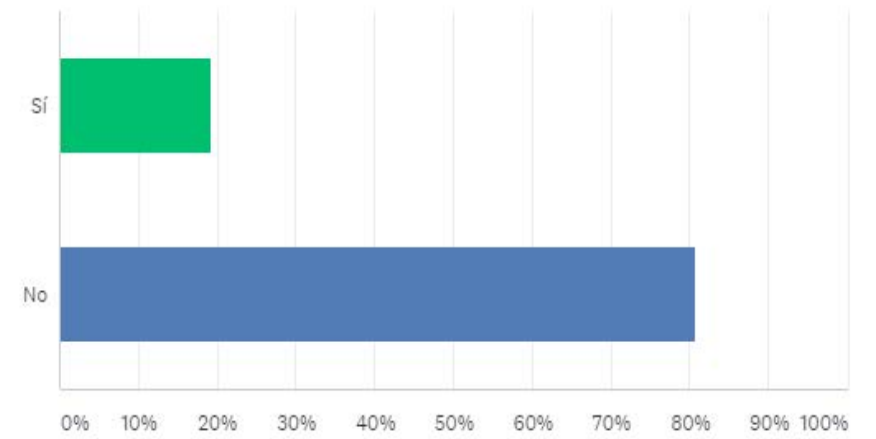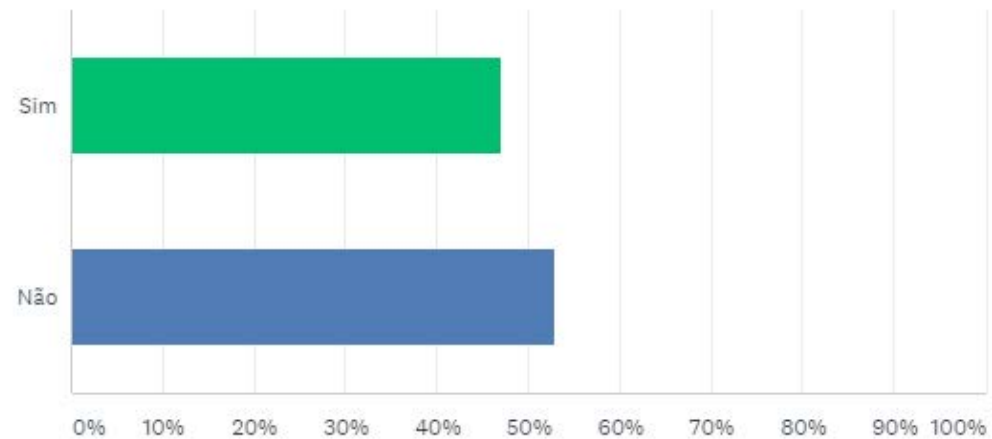- Yes, both in the SOP and...
- Yes, but ONLY in part (SOP...
- No
- N/A

Answered: 47   Skipped: 0

- Sí, tanto en el SOP como ...
- Sí, pero solo en parte (SO...
- No
- N/A

Answered: 17   Skipped: 0

- Sim, tanto no SOP quanto n...
- Sim, mas só em parte (ou no...
- Não
- N/A
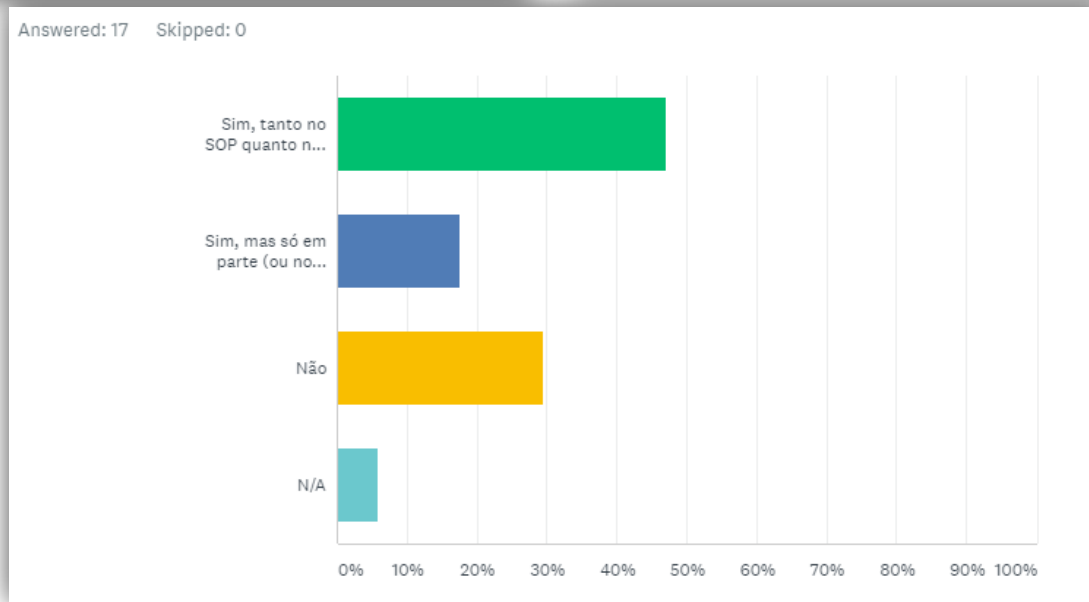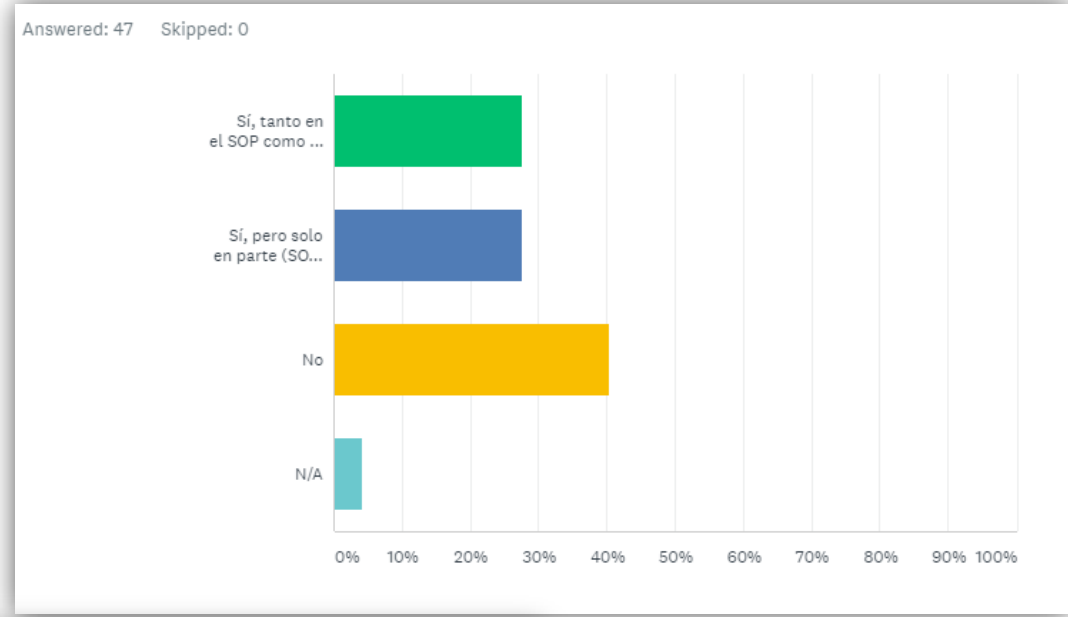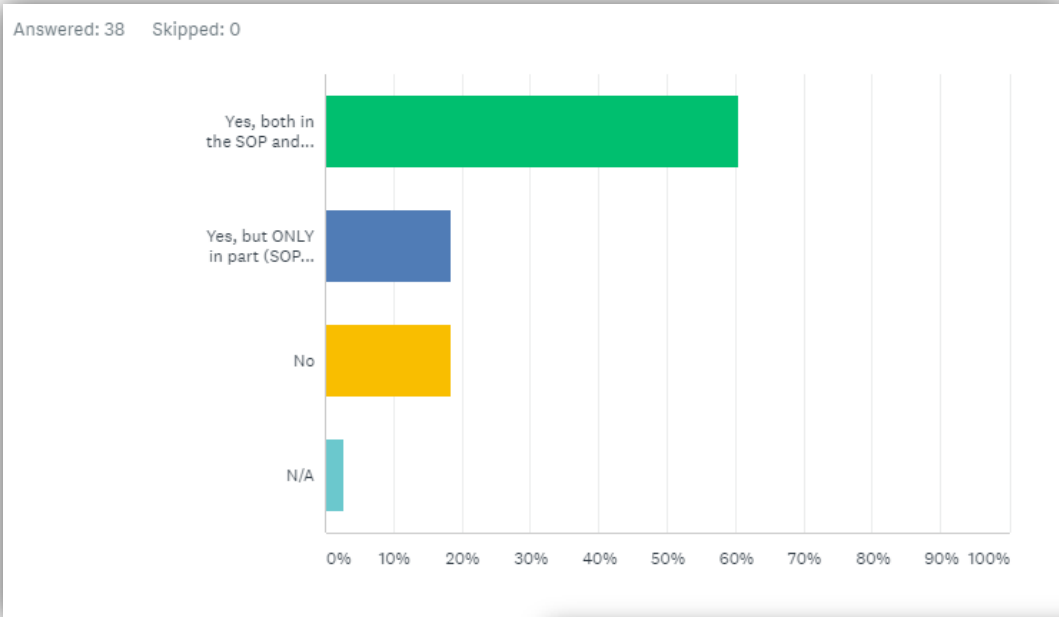
Q11 - Are the Flight Instructors and Safety Pilots in your organization aware and actively engaged in the prevention of MAC events?
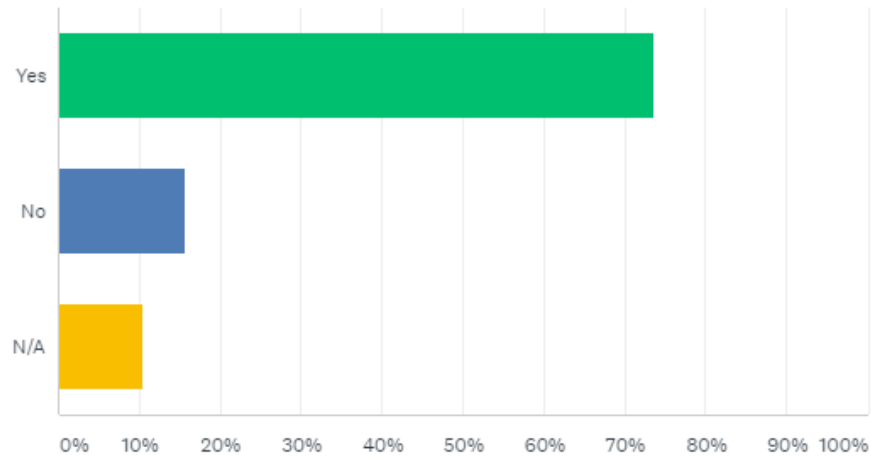
Q12 - Are the Pilot Examiners in your organization aware and actively engaged in the prevention of MAC events?
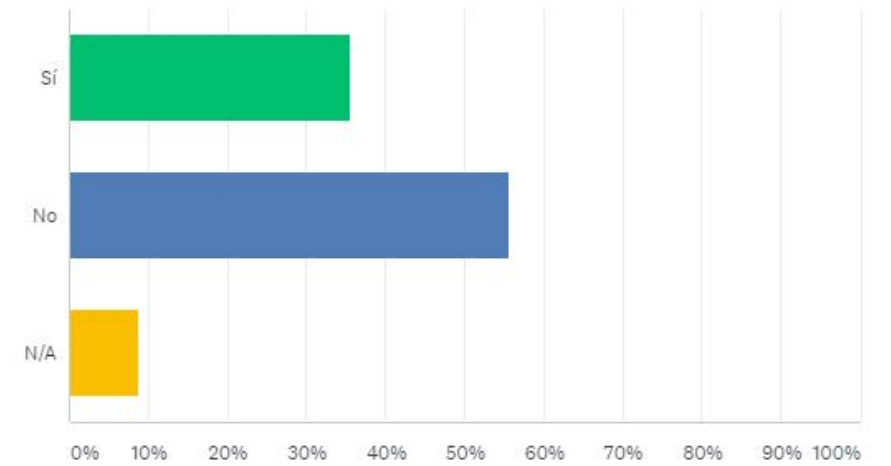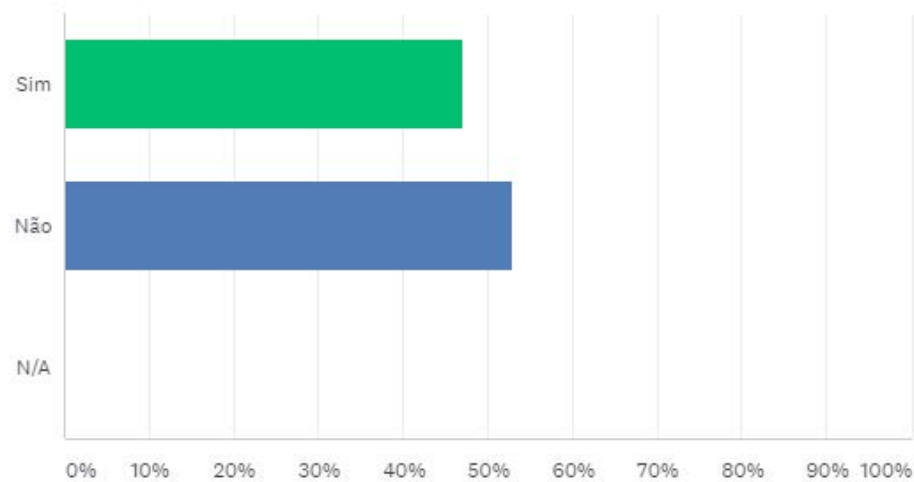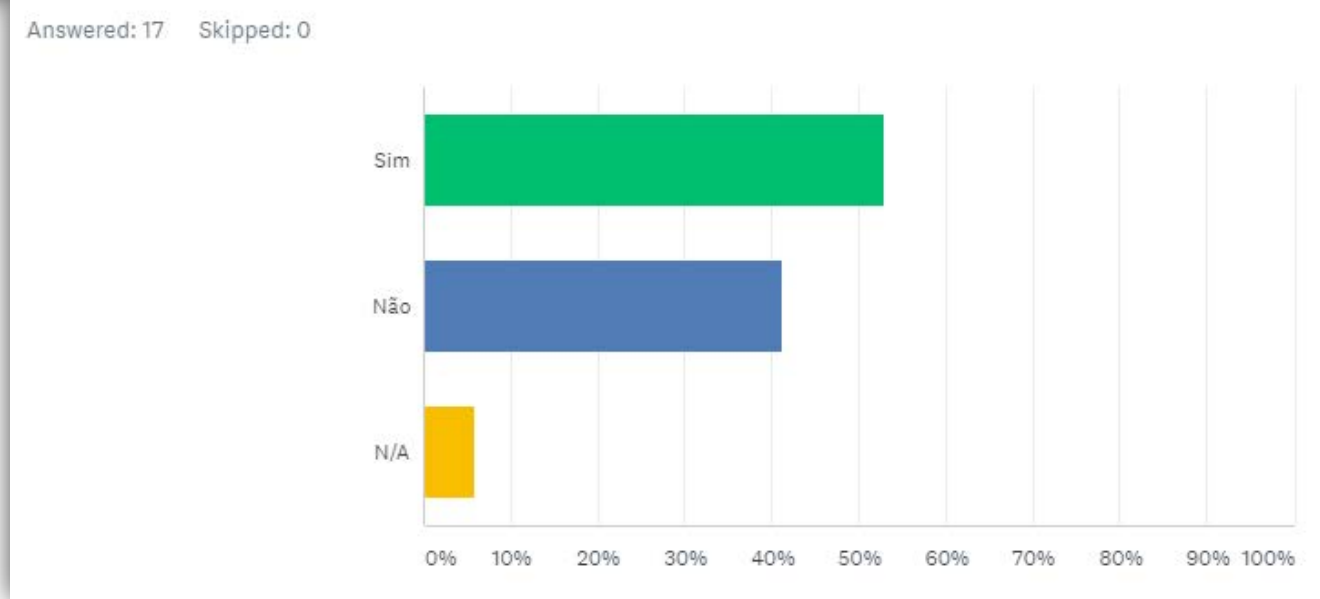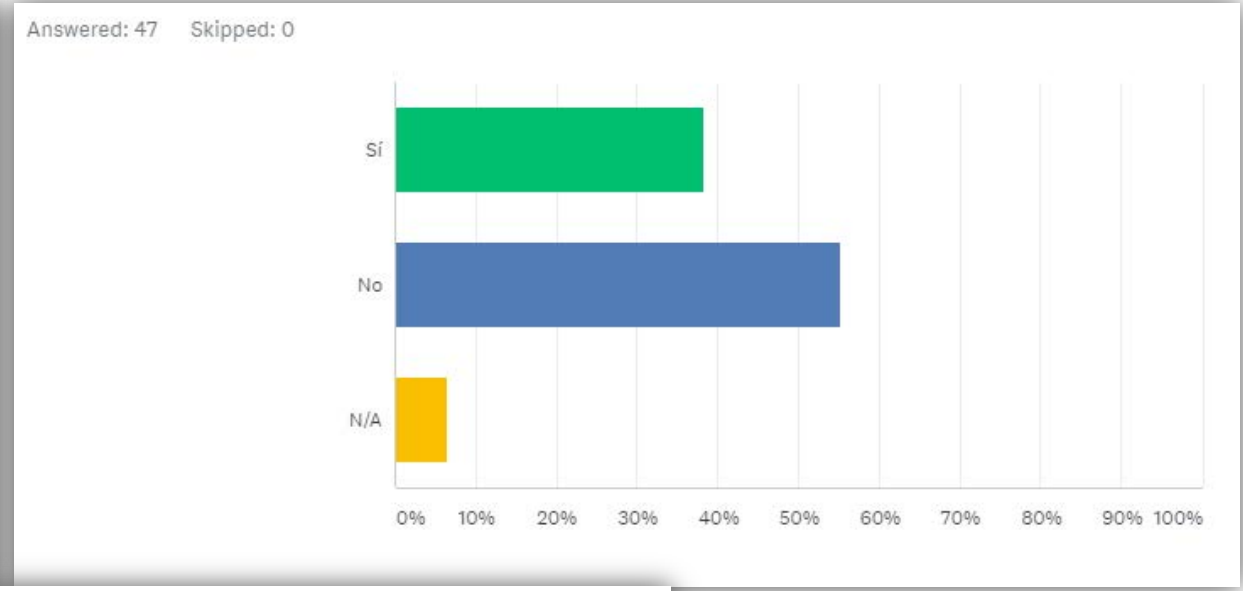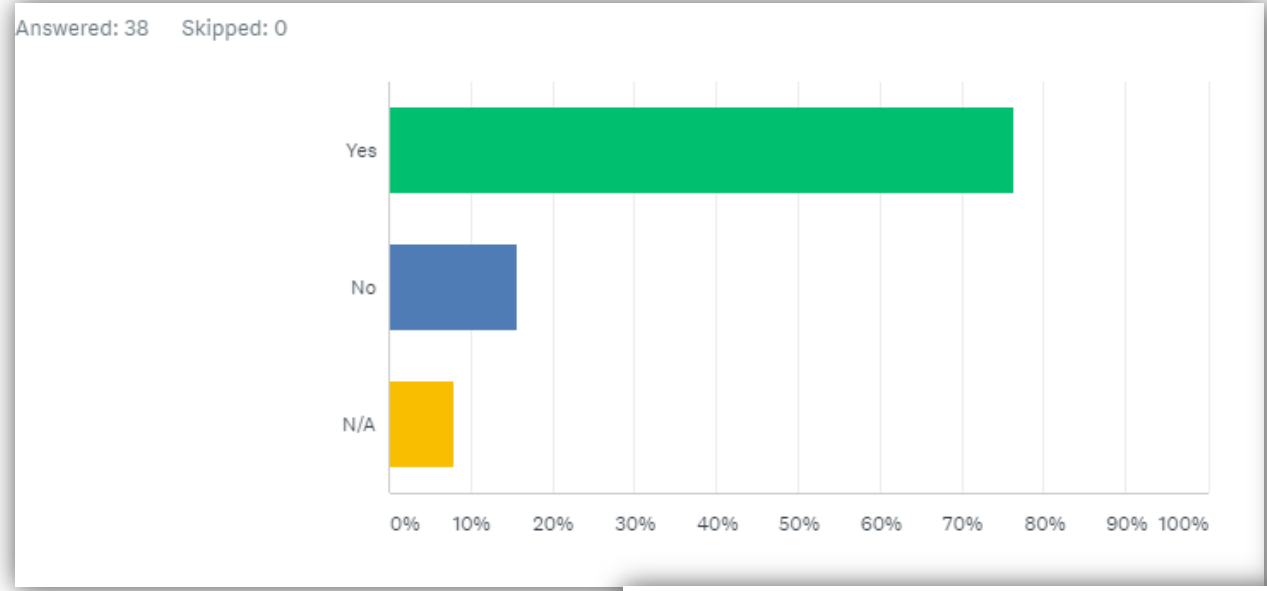
Q13 - What airline/company do you work for

- Countries
  - USA
  - Brazil
  - Canada
  - Jamaica
  - Cayman Island
  - Mexico
  - Chile
  - Colombia
  - Ecuador
  - Austria

Summary

- Survey conducted for a period of four (4) months from January through April of 2018.

- A total of 102 inputs from pilots based out of 10 countries in the region have been received. Majority of the inputs thus far are from operators in the USA, Colombia and Brazil.

- Next Steps
  - Re-evaluate questions and re-launch
  - Feedback on revised survey from PA – RAST?
  - Translate questions to Spanish and Portuguese
  - Duration: One (1) year?
  - Compare results from old survey