



Agenda Item 4: SAT Air Traffic statistics

a) Status of Conclusion 24/06: Traffic Statistics

(Prepared by SAT SOG)

SUMMARY

This paper aims to present action on the Status of Conclusion SAT 24/06 regarding traffic statistics.

REFERENCES

- SAT 24 meeting
- ACM-S meeting

1. Background

1.1 The SAT-24 06/07 conclusions require several actions related to traffic statistics, reduction in collision risk assessment, and large height deviation. The RMAs have been tasked with conducting these actions, and the SAT SOG is monitoring the progress of the RMAs in implementing these recommendations through a spreadsheet that can be accessed at the following link: <https://tinyurl.com/sat24-06-07-conclusions>

1.2 By analysing the conclusion of meeting SAT/24-06 regarding the traffic statistics, letters "a" and "d" request statistical data on navigation specifications and traffic information from different organisations and countries, while "b" and "c" request collaboration and exploration of different programs and tools to help with traffic forecasting and analysis. Lastly, "e" urges harmonising reporting subjects and formats for traffic statistics among different agencies and organisations.

1.3 Overall, these conclusions aim to improve the accuracy and predictability of planning decisions and enhance safety measures in the aviation industry by requesting collaboration and sharing of statistical data, implementing monitoring and addressing coordination failures.

1.4 The SAT-24 06/07 conclusions require implementing several actions related to traffic statistics, reduction in collision risk assessment, and large height deviation. The RMAs have been tasked with conducting these actions, and the SAT SOG is monitoring the progress of the RMAs in implementing these recommendations. The purpose of this paper is to propose additional actions that can help the implementation of the SAT-24 06/07 conclusions

2. **Analysis**

2.1 The SAT SOG has identified some pending actions related to the SAT-24/06 conclusions. In particular, the letter "b" states that "FAA is requested to share global traffic forecast to assist SAT Group with forward planning, and the SAT Group to obtain from the NAT its existing programmes in traffic forecasting and statistical analysis tools".

2.2 It was noticed that the efforts between the FAA and the RMAs to share global traffic forecast information have yet to be recorded in the monitoring spreadsheet. To expedite the implementation of the SAT-24/06 letter "b" conclusion, the SAT SOG proposes a meeting with the NAT group to present their available tools and jointly analyse with the RMAs the possibility of implementing these tools, considering the material and human resources involved, as well as identifying training needs for handling the suggested tools.

2.3 SAT SOG's proposal is to focal point from the SAT SOG to coordinate with the NAT group to analyse the feasibility of implementing these tools on SAT RMAs and, through this analysis, map out the programs and processes involved in traffic forecasting and statistical analysis tools.

2.4 The designated focal point should also contact the NAT group to inquire about the procedure for collecting global traffic forecasts from the FAA to assist the SAT Group with planning. These actions should also include considerations for the reception of statistical tools.

2.5 Additionally, regarding the same conclusion letter "e", which states that SAT Regional Monitoring Agencies are urged to consider, as far as practicable, harmonisation of reporting subjects and/or format for traffic statistics, taking into consideration the feedback provided by the mathematicians computing the TLs, and in collaboration with the NAT where feasible.

2.6 The RMAs informed on the spreadsheet that this conclusion is pending. SAT SOG emphasises the importance of harmonisation of reporting subjects and formats for traffic statistics and proposes to coordinate these harmonisation efforts and serve as a group coordinator, as this initiative is related to the task related to the efforts on a single database for SAT Region RMAs.

3. **Action by the meeting**

3.1 The meeting is invited to:

- a) take into consideration the information presented in this paper;
- b) approve the meeting between SAT and NAT Group to analyse the feasibility of implementing these tools on SAT RMAs; and
- c) analyse and approve SAT SOG as a coordinator of actions to harmonise reporting subjects and/or format for traffic statistics.