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**Agenda Item 6: Assessment of operational requirements in order to determine the implementation of communication, navigation, and surveillance (CNS) capability improvements for en-route and terminal area operations**

**Operational use of the RAIM Prediction Service Using the SATDIS Tool**

(Presented by Venezuela)

<b>SUMMARY</b>	
In this working paper, States are invited to analyse the criteria that must be taken into account for defining the operational use of the SATDIS RAIM prediction tool.	
<b>REFERENCES</b>	
Summary of the teleconferences held for the implementation of the RAIM availability prediction service.	
<b>ICAO strategic objectives:</b>	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i>

**1 Background**

1.1 The SAM/IG/13 meeting considered that, once the RAIM availability prediction service is available and operational, States should use it and promote its efficient use amongst all stakeholders.

**2 Discussion**

2.1 At present, Venezuela is conducting a series of activities to convince commercial aviation of the benefits of PBN. To that end, Conviasa and Avior have been the first airlines in Venezuela to start the first phase of the aircraft approval process. Likewise, Perla Airlines, Santa Bárbara Airlines, and Pdvsá Maiquetía (Aircraft) have expressed their desire to start the process with the pre-application phase.

2.2 In this regard, it is felt that, for the time being, and as a strategic action, the tool should be made publicly available for a reasonable period of time. This would provide another argument to convince commercial aviation to obtain PBN certification.

2.3 However, it is acknowledged that SAMIG is precisely an implementation group that seeks harmonisation so that all the States of the Region may move forward at the same pace.

2.4 Consequently, the States are presented with the initiative to implement the RAIM prediction service in two stages or phases that could be called experimental and definitive, with terms or deadlines for the first phase, which could last six months or one year.

3. **Suggested action**

3.1 The Meeting is invited to:

- a) take note of the information provided herein;
- b) review the proposal; and
- c) discuss any other related matters it may deem appropriate.

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