

## SARAST SAFETY TOOL IMPLEMENTATION TRACKER

NAME OF MEMBER STATE: Pakistan

**State Input Criteria:**

- 1- Legislation/Regulations have been customized/updated by the State.
- 2- Advisory circular/information/guidance has been customized by the State.
- 3- Advisory circular/information/guidance has been provided to Operator.
- 4- Operators have not started to implement.
- 5- Operators have partially implemented.
- 6- Operators have fully implemented.
- 7- N/A (Not Applicable)
- 8- No Action

*Input your number(s) here, and/or use your own words*



Note: You may also use your own words to describe the implementation status

SEI/SASI (new #)	PRIORITY	SAFETY TOOLS LINK: <a href="http://www.icao.int/APAC/Pages/edocs.aspx">http://www.icao.int/APAC/Pages/edocs.aspx</a> (Under FS)	State Implementation Status (State Input)	Operator Implementation Status (State Input)	Support Required (COSCAP INPUT)	Closure Status (COSCAP Input)
CFIT 1/SAST 01 GPWS with Forward Looking Feature	1	<ul style="list-style-type: none"> <li>Model Regulation on Ground Proximity Warning System (GPWS)</li> </ul>	1 (ANO-024-FSXX-6.2 Para D6.15),3	6		
		<ul style="list-style-type: none"> <li>Model AC - Guidance for Operators to Ensure Effectiveness of GPWS Equipment</li> </ul>	2 (ASC-006-FSXX-2.0),3	6		
		<ul style="list-style-type: none"> <li>Guidance for Operators on Training Programme on the use of Ground Proximity Warning System (GPWS)</li> </ul>	2 (ASC-005-FSXX-2.0),3	6		

<b>CFIT 3/SAST 02</b> Precision-Like Approach Standard Operating Procedures	1	<ul style="list-style-type: none"> <li>Model AC - Instrument Approach Procedures using Continuous Descent Final Approach Techniques</li> </ul>	2 (ASC-016-FSXX-2.0),3	6		
<b>CFIT 5/SAST 03</b> Crew Resource Management Training	1	<ul style="list-style-type: none"> <li>Model AC - Crew Resource Management Training Programme</li> </ul>	2(ANO 91.0014),3	6		
<b>CFIT 6/SAST 04</b> CFIT/ALAR Training	3	<ul style="list-style-type: none"> <li>Model AC - Development and Conduct of ALAR and CFIT Training Programme</li> </ul>	8	8		
<b>CFIT 7/SAST 11</b>		<ul style="list-style-type: none"> <li>Guidance for Air Operators in Establishing a Flight Safety Documentations System Model Advisory Circular</li> </ul>	2 (ASC-001-FSXX-2.0),3	6		
<b>CFIT 8/SAST 05</b> Minimum Safe Altitude Warning (MSAW)	3	<ul style="list-style-type: none"> <li>Model AC - Issuance of Terrain or Obstacle Alert / Warning</li> </ul>	8	8		
<b>LOC 5/SAST 06</b> Human Factors and Automation	1	<ul style="list-style-type: none"> <li>Model AC - Mode Awareness and Energy State Management Aspects of Flight Deck Automation</li> </ul>	2 (ASC-020-FSXX-1.0),3	6		

<b>RE 2/SASI 07</b> Identify Specific Training for Pilots and Air Traffic Controllers to Avoid Unstabilized Approaches	1	<ul style="list-style-type: none"> <li>Guidance material, titled "Unstable Approaches ATC Considerations"; and  LINK: <a href="http://www.canso.org/safety">http://www.canso.org/safety</a></li> </ul>	8	8		
		<ul style="list-style-type: none"> <li>Two flyers titled "Runway Excursions" and "Avoiding Unstable Approaches" are available on CANSO's website at  LINK: <a href="http://www.canso.org/safety">http://www.canso.org/safety</a></li> </ul>	8	8		
<b>RE 6/SASI 08</b> Timely and Accurate Notification about Runway Conditions by AIS and ATS	1	<ul style="list-style-type: none"> <li>Industry Best Practices Manual on Timely and Accurate Reporting of Runway Condition by ATS/AIS to Flight Crew. Note: Please be advised that this is out of date</li> </ul>	(1) Air Navigation Order (ANO-007-DRAN-2.0) contains Notification about Runway Conditions by AIS and ATS	(6) Manual of Air Traffic services (MNL-001-OPAT-3.0)		
<b>RE 7/SASI 09</b> Improve Runway Conditions in accordance with the Guidelines Provided in Annex 14	2	<ul style="list-style-type: none"> <li>Guidance on runway maintenance and operations, which can be found in the "ACI Runway Safety Handbook". The handbook is now part of the ICAO Runway Safety Toolkit.  Link:  <a href="http://www.icao.int/safety/runwaysafety/pages/rnwylkt.aspx">http://www.icao.int/safety/runwaysafety/pages/rnwylkt.aspx</a></li> </ul>	Chapter_10 Aerodrome Standard Manual MNL-003-DRAS_2.0 Contain maintenance of operational runway and allied facilities drive from Annex-14 (Vol-I)	6		

		<ul style="list-style-type: none"> <li>An on-line training course on runway maintenance and operations can also be found at Link: <a href="http://www.olc.aero/Courses/Runway-Safety-Management.aspx">http://www.olc.aero/Courses/Runway-Safety-Management.aspx</a></li> </ul>				
<b>RS 1/SASI 10</b> Develop Runway Safety Checklist	1	<ul style="list-style-type: none"> <li>A checklist - Runway Safety Maturity Checklist</li> </ul>	7 – Maturity Checklist is not applicable in CAA Pakistan. However Safety Oversight Audit Programme is applicable with checklist contain in Aerodrome Inspector Handbook (AIHB) MNL-002-DRAS-3.0			