

NIGERIAN CIVIL AVIATION AUTHORITY

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SERVICE PROVIDER'S SAFETY MANAGEMENT SYSTEMS (SMS) EVALUATION CHECKLIST (CL SP-SMS 001)

1 SAFETY POLICY AND OBJECTIVES

1.1 MANAGEMENT COMMITMENT AND RESPONSIBILITY

The organisation shall define its safety policy which should be in accordance with international and national requirements, and which shall be signed by the Accountable Executive of the organisation. The safety policy shall reflect organisational commitments regarding safety, including a clear statement about the provision of the necessary human and financial resources for its implementation and be communicated, with visible endorsement, throughout the organisation. The safety policy shall include the safety reporting procedures and clearly indicate which types of behaviours are unacceptable and shall include the conditions under which disciplinary action would not apply. The safety policy shall be periodically reviewed to ensure its remains relevant and appropriate to the organisation.

EFFECTIVENESS is achieved when the organisation has defined its safety policy that clearly states its intentions, safety objectives and philosophies and there is visible evidence of safety leadership and management 'walking the talk' and demonstrating by example.

INDICA	ATORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.1.1	There is a safety policy that includes a commitment towards achieving the highest safety standards signed						
	by the Accountable Executive.						
1.1.2	The organisation has based its safety management system on the safety policy.						
1.1.3	The Accountable Executive and the senior management team promote and demonstrate their commitment to the Safety Policy through active and visible participation in the safety management system.						

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1.1.4	The safety policy is communicated to all personnel with						
	the intent that they are made aware of their individual						
	contributions and obligations with regard to Safety.						
1.1.5	The safety policy includes a commitment to observe all						
11110	applicable legal requirements, standards and best						
	practice providing appropriate resources and defining						
4.4.0	safety as a primary responsibility of all Managers.						
1.1.6	The safety policy actively encourages safety reporting.						
1.1.7	The safety policy states the organisation's intentions,						
	management principles and commitment to continuous						
	improvement in the safety level.						
1.1.8	The safety policy is reviewed periodically to ensure it						
	remains current.						
1.1.9	There is commitment of the organisation's senior						
	management to the development and ongoing						
	improvement of the safety management system.						
1.1.10	A disciplinary policy has been defined that clearly						
1.1.10							
	identifies the conditions under which punitive action						
	would be considered (e.g. illegal activity, negligence or						
	wilful misconduct).						
1.1.11	There is evidence of decision making, actions and						
	behaviours that reflect a positive safety culture.						
BEST F	PRACTICE INDICATORS	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.1.12	Personnel at all levels are involved in the establishment						
	and maintenance of the safety management system.						
1.1.13	There is one aviation safety policy used throughout the						
	organisation and it is implemented at all levels of the						
	organisation.						
1.1.14	The safety policy is clearly visible, or available, to all						
'.'.'	personnel and is included in key documentation and						
	communication media.						
	communication media.						

1.1.15	Safety policy objectives drive the organisation's goals and mission statements.					
1.1.16	The organisation regularly verifies that personnel throughout the organisation are familiar with and have understood the policy and its message.					
1.1.17	The Accountable Executive demonstrates their commitment by attending training and /or safety conferences.					
1.1.18	Senior management has adopted an integrated safety planning process with published and measurable safety targets and objectives.					
1.1 SUI	MMARY COMMENTS					

1.2 SAFETY ACCOUNTABILITIES

The organisation shall identify the Accountable Executive who, irrespective of other functions, shall have ultimate responsibility and accountability, on behalf of the organisation, for the implementation and maintenance of the SMS. The organisation shall also identify the safety accountabilities of all members of senior management, irrespective of other functions, as well as personnel, with respect to the safety performance of the SMS. Safety responsibilities, accountabilities and authorities shall be documented and communicated throughout the organisation, and shall include a definition of the levels of management with authority to make decisions regarding safety risk tolerability.

EFFECTIVENESS is achieved when there are clear lines of safety accountabilities throughout the organisation including an accountable person who has ultimate accountability for the SMS and the Accountable Executive and management team fully understand the risks faced by the organisation.

INDIC	TOPS OF COMPLIANCE + DEPENDMANCE	P	•	Λ	E	HOW IT IS ACHIEVED	VEDIEICATION
1.2.1	An Accountable Executive has been appointed with full responsibility and ultimate accountability for the SMS to ensure it is properly implemented and performing effectively.	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION
1.2.2	The Accountable Executive has control of the financial and human resources required for the proper implementation of an effective SMS.						
1.2.3	The Accountable Executive is fully aware of their SMS roles and responsibilities in respect of the safety policy, safety standards and safety culture of the organisation.						
1.2.4	Safety accountabilities, authorities and responsibilities are defined and documented throughout the organisation.						
1.2.5	Personnel at all levels are aware of and understand their safety accountabilities, authorities and responsibilities regarding all safety management processes, decisions and actions.						
1.2.6	Safety management is shared across the organisation (and is not just the responsibility of the Safety Manager and their team).						

	There are documented management organisational						
	diagrams and job descriptions for all personnel.						
BEST P	RACTICE INDICATORS	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION
1.2.8	There is evidence of personnel involvement and consultation in the establishment and operation of the SMS.						
	There is evidence that safety management system principles have penetrated all levels of the organisation and safety is part of the everyday language.						
	Safety accountabilities throughout the organisation are clearly documented and individuals sign for their accountabilities.						
	Key safety activities are clearly described in senior management duties and responsibilities and are incorporated into personnel performance targets.						
1.2.12	There is evidence that senior management recognises the significance of contributions from all levels of the organisation and has a mechanism for acknowledging those contributions.						

1.3 APPOINTMENT OF KEY PERSONNEL

The organisation shall identify a Safety Manager to be the responsible individual and focal point for the implementation and maintenance of an effective SMS.

EFFECTIVENESS is achieved when the SMS is facilitated by the responsible individual and there is a safety structure of key personnel from the various operational areas of the organisation. Business area heads are actively engaged in the safety management system.

INDICA	TORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.3.1	A competent person with the appropriate knowledge, skills and experience has been nominated to manage the operation of the SMS.						
1.3.2	The person managing the operation of the SMS fulfils the required job functions and responsibilities.						
1.3.3	There is a direct reporting line between the Safety Manager and the Accountable Executive.						
1.3.4	The organisation has allocated sufficient resources to manage the SMS including manpower for safety investigation, analysis, auditing and promotion.						
1.3.5	Personnel in key safety roles are kept current through additional training and attendance at conferences and seminars.						
BEST	PRACTICE INDICATORS	Р	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.3.6	The organisation has established a structured safety committee or equivalent, appropriate for the size and complexity of the organisation, including a full range of senior management representatives.						
1.3.7	The Safety Committee or its equivalent monitors the safety performance of the operations and the effectiveness of the SMS and is normally chaired by the Accountable Executive.						

1.3.8	The person (s) responsible for managing and maintaining the SMS is/are given appropriate status in the organisation reflecting the importance of the safety role within the organisation.				
1.3.9	Safety committees include stakeholders and significant				
	contracted organisations.				
1.3.10	Safety committees are focused on safety issues and all				
	attendees fully participate.				
1.3.10	contracted organisations. Safety committees are focused on safety issues and all				

1.3 SUMMARY COMMENTS

1.4 CO-ORDINATION OF EMERGENCY RESPONSE PLANNING

The organisation shall ensure that an emergency response plan that provides for the orderly and efficient transition from normal to emergency operations and the return to normal operations is properly coordinated with the emergency response plans of those organisations it must interface with during the provision of its service.

EFFECTIVENESS is achieved when the organisation has an emergency response plan that is appropriate to the organisation and is regularly tested and updated including coordination with other organisations as appropriate.

INDICA	ATORS OF COMPLIANCE + PERFORMANCE	Р	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.4.1	An emergency response plan (ERP)that reflects the size, nature and complexity of the operation has been developed and defines the procedures, roles, responsibilities and actions of the various organisations and key personnel.						
1.4.2	Key personnel in an emergency have easy access to the ERP at all times.						

1.4.3	The organisation has a process to distribute the ERP procedures and to communicate the content to all personnel.						
1.4.4	The ERP is periodically tested for the adequacy of the plan and the results reviewed to improve its effectiveness.						
BEST F	PRACTICE INDICATORS	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION
1.4.5	The organisation has Memorandums of Understanding (MoUs) or agreements with other organisations for mutual aid and the provision of emergency services.						
1.4.6	The organisation has implemented Critical Incident Stress Management for its Personnel.						

1.5 SMS DOCUMENTATION

The organisation shall develop and maintain SMS documentation describing the safety policy and objectives, the SMS requirements, the SMS processes and procedures, the accountabilities, responsibilities and authorities for processes and procedures, and the SMS outputs. The organisation may incorporate the SMS documentation into its existing organisation documentation, or may develop and maintain a safety management system manual (SMSM) to communicate its approach to the management of safety throughout the organisation.

EFFECTIVENESS is achieved when the organisation has SMS documentation that describes their approach to the management of safety that is used throughout the organisation and is regularly reviewed and updated. The documentation meets the safety objectives of the organisation.

INDICA	ATORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.5.1	There is documentation that describes the safety management system and the interrelationships between						
	all of its elements.						
1.5.2	SMS documentation is regularly reviewed and updated						
	with appropriate version control in place.						
1.5.3	SMS documentation is readily available to all personnel.						
1.5.4	The SMS documentation details and references the						
	means for the storage of other SMS related records.						
BEST	PRACTICE INDICATORS	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
1.5.5	Safety management processes are integrated into						
	existing organisational manuals.						
1.5.6	The organisation has analysed and uses the most						
	appropriate medium for the delivery of documentation at						
	both the corporate and operational levels.						
4 E CU	MMADY COMMENTS	-	-	•	•	•	•

1.5 SUMMARY COMMENTS

2 SAFETY RISK MANAGEMENT

2.1 HAZARD IDENTIFICATION

The organisation shall develop and maintain a formal process that ensures that aviation safety hazards are identified. This should include the investigation of incidents and accidents to identify potential hazards. Hazard identification shall be based on a combination of reactive, proactive and predictive methods of safety data collection.

EFFECTIVENESS is achieved when aviation safety hazards are being identified and reported throughout the organization. Hazards are captured in a hazard register and assessed in a systematic and timely manner.

INDICA	TORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	How it is achieved	Verification
2.1.1	The organisation has a reporting system to captures errors, hazards and near misses that is simple to use and accessible to all personnel.						
2.1.2	The organisation has proactively identified all the major hazards and assessed the risks related to its current activities.						
2.1.3	The safety reporting system provides feedback to the reporter of any actions taken (or not taken) and, where appropriate, to the rest of the organisation.						
2.1.4	Safety investigations are carried out to identify underlying causes and potential hazards for existing and future operations.						
2.1.5	Safety reports are acted on in a timely manner.						
2.1.6	Hazard identification is an ongoing process and involves all key personnel and appropriate stakeholders.						
2.1.7	Personnel responsible for investigating reports are trained in investigation techniques.						
2.1.8	Investigations establish causal/contributing factors (why it happened, not just what happened).						

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2.1.9	Personnel express confidence and trust in the						
	organisations reporting policy and process.						
2.1.10	The hazards identified are documented and kept						
	available for future reference.						
2.1.11	The organisation uses the results of investigation of						
	incidents and accidents as a source for hazard						
	identification in the system.						
BEST F	PRACTICE INDICATORS	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION
2.1.12	There is an active reporting system indicated by						
	reporting levels of more than, on average, 1 report per						
	person per year.						
2.1.13	Safety Reports include the reporter's own errors and						
	events that the reporter would not normally report						
	(events where no one was watching).						
2.1.14	The reporting system empowers personnel to propose						
	preventative and corrective actions.						
2.1.15	There is evidence that the reporting system is actively						
	used throughout the entire organisation (in each						
	department and in each location).						
2.1.16	The reporting system is available to contracted						
	organisations and customers to make reports.						
2.1.17	There is a process in place to analyse reports and						
	hazard logs to look for trends and gain useable						
	management information.						
2.1 SUI	MMARY COMMENTS	•		•	•	•	

2.2 RISK ASSESSMENT AND MITIGATION

The organisation shall develop and maintain formal process that ensures analysis, assessment and control of safety risks in operations to an acceptable level.

EFFECTIVENESS is achieved when there is a formal process that ensures analysis, assessment and control of the safety risks in operations to an acceptable level.

VERIFICATION
VERIFICATION

2.2.10	The organisation uses its risks management results to			
	develop best practice guidelines that it shares with the			
	industry.			
2.2.11	The risk management processes are reviewed and			
	improved on a periodic basis.			

2.2 SUMMARY COMMENTS

3 SAFETY ASSURANCE

3.1 SAFETY PERFORMANCE MONITORING AND MEASUREMENT

The organisation shall develop and maintain the means to verify the safety performance of the organisation and to validate the effectiveness of safety risks controls. The safety performance of the organisation shall be verified in reference to the safety performance indicators and safety performance targets of the SMS.

EFFECTIVENESS is achieved when the organisation has developed a series of safety performance indicators that are appropriate to the type of operation. There is a means to measure and monitor trends and take appropriate action when necessary.

INDICA	INDICATORS OF COMPLIANCE + PERFORMANCE		S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
3.1.1	Safety objectives have been established.						
3.1.2	Safety performance indicators have been defined, promulgated and are being monitored and analysed for trends.						
3.1.3	Risk mitigations and controls are being verified/audited to confirm they are working and effective.						
3.1.4	Safety audits are carried out that focus on the safety performance of the organisation and its services and assess normal operations.						
3.1.5	Safety objectives and performance indicators are reviewed and updated periodically.						

3.1.6	Safety objectives and targets are specific, measurable, agreed to, relevant and time-based.						
3.1.7	Information obtained from safety assurance and						
3.1.1	compliance monitoring activities feeds back into the						
	safety risk management process.						
3.1.8	Safety assurance will monitor the effectiveness of risk						
3.1.0	controls including those applied by contracted						
	organisations.						
	organisations.						
DEST	PRACTICE INDICATORS	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION
		<u> </u>	3	-	<u> </u>	HOW IT IS ACHIEVED	VERIFICATION
3.1.9	The organisation is monitoring its current, future and						
	third party safety risks and is taking action to address						
2440	unacceptable safety risks.						
3.1.10	When establishing and reviewing objectives and						
	performance indicators, the organisation considers:-						
	hazards and risks; financial, operational and business						
0.4.44	requirements; view of interested parties.						
3.1.11	Safety objectives and performance indicators						
0.4.40	encompass all areas of the organisation.						
3.1.12	Performance measurements have been defined for						
	serious safety risks identified on the safety risk profile.						
3.1.13	Personnel at all levels are aware of the safety						
	performance measurements in their areas of						
	responsibility and the results of performance						
	measurements are transmitted to them.						
3.1.14	Safety performance indicators are linked to the						
	organisation's safety objectives, and State SPIs are						
	considered where appropriate.						
3.1.15	The analysis and allocation of resources are based on						
	outputs from the performance measurement.						

3.1 SUMMARY COMMENTS

3.2 THE MANAGEMENT OF CHANGE The organisation shall develop and maintain a formal process to identify changes within the organisation and its operation, which may affect established processes and services, to describe the arrangements to ensure safety performance before implementing changes, and to eliminate or modify safety risk controls that are no longer needed to effective due to changes in the operational environment. **EFFECTIVENESS** is achieved when the organisation uses the safety risk management system to proactively assess all major changes to the organisation and its operations. **HOW IT IS ACHIEVED** INDICATORS OF COMPLIANCE + PERFORMANCE **VERIFICATION** Ρ S 0 Ε The organisation has established a process and 3.2.1 conducts formal hazard analyses and risk assessments for major operational changes, major organisational changes and changes in key personnel. 3.2.2 Safety Case/Risk assessments are aviation safety focused. 3.2.3 Key stakeholders are involved in the change management process. 3.2.4 During the change management process previous risk assessments and existing hazards are reviewed for possible effect. **BEST PRACTICE INDICATORS HOW IT IS ACHIEVED VERIFICATION** S 0 Ε Validation of the safety performance after organisational 3.2.5 and operational changes have taken place to assure assumptions remain valid and the change was effective.

3.2.6	All organisational and operational changes are subject to the change management process.										
3.2.7	Safety accountabilities, authorities and responsibilities										
0.2.7	are reviewed as part of the change.										
3.2 SU	3.2 SUMMARY COMMENTS										
3.3 CO	NTINUOUS IMPROVEMENT OF THE SMS										
The or	ganisation shall develop and maintain a formal process to ic	dentify t	he cau	ses of	substa	andard performance of the SMS	S, determine the implications of				
substa	ndard performance of the SMS, determine substandard per	forman	ce in o _l	peratio	ns, an	d eliminate or mitigate such cau	ises.				
	CTIVENESS is achieved when the organisation routinely mo		he SM	S perfo	ormand	e to identify potential areas of i	mprovement and the outcomes of				
this pro	ocess lead to improvements to the safety management syst	em.									
INDICA	ATORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION				
3.3.1	The Safety Committee has the necessary authority to										
	make decisions related to the improvement and										
	effectiveness of the SMS.										
3.3.2	The SMS is periodically reviewed for improvements in										
	safety performance.										
						11014/510 40//51/55	11/20/2004				
_	PRACTICE INDICATORS	P	S	0	E	HOW IT IS ACHIEVED	VERIFICATION				
3.3.3	There is evidence of lessons learnt being incorporated										
0.0.4	into the policy and procedures.	+									
3.3.4	The organisation benchmarks its SMS against other										
	organisations and is an active promoter of SMS within										
	the aviation industry.										

3.3.5	Best practice is sought and embraced.			
3.3.6	Surveys and assessments of organisational culture are carried out regularly and acted upon.			
3.3.7	For safety related services the organisation requires contracted organisations not required by regulations to have an SMS.			
3.3.8	Contracted organisations have the ability to participate and share information in the SMS.			

3.3 SUMMARY COMMENTS

4 SAFETY PROMOTION

4.1 TRAINING AND EDUCATION

The organisation shall develop and maintain a safety training programme that ensures that personnel are trained and competent to perform the SMS duties. The scope of the safety training shall be appropriate to each individual's involvement in the SMS.

EFFECTIVENESS is achieved when all personnel are trained and competent to perform their SMS related duties and the training programme is monitored for its effectiveness and updated.

INDICA	TORS OF COMPLIANCE + PERFORMANCE	Р	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
4.1.1	There is a documented process to identify Safety Management training requirements so that personnel are competent to perform their duties.						
4.1.2	There is a process in place to measure the effectiveness of training and to take appropriate action to improve subsequent training.						

4.1.3	There is a process that evaluates the individual's competence and takes appropriate remedial action when						
	necessary.						
4.1.4	Training includes initial and recurrent training.						
4.1.5	A training record is maintained for all personnel trained.						
						_	
	PRACTICE INDICATORS	Р	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION
4.1.6	Training includes human and organisational factors including non technical skills with the intent of reducing						
117	human error.						
4.1.7	Training requirements are documented for each area of activity within the organisation, including areas where training requirements are not defined by regulations.						
4.1.8	A training needs analysis is carried out for all personnel and is regularly reviewed.						
4.1.9	Training is provided for personnel working for contracted organisations related to the operation.						
4.1.10	Personnel have a mechanism to request additional SMS training in relation to their role in SMS.						
4.1.11	Management recognises and uses informal opportunities to instruct all personnel on safety management.						
4.1.12	Training includes attendance at symposiums and industry conferences						
4.1.13	Training exercises and methods for all personnel are kept current to reflect new techniques, technologies, results of investigations, corrective actions and regulatory changes.						
4.1 SUI	MARY COMMENTS						

4.2 SAFETY COMMUNICATION

The organisation shall develop and maintain formal means for safety communication that ensures that all personnel are fully aware of the SMS, conveys safety critical information, and explains why particular safety actions are taken and why safety procedures are introduced or changed.

EFFECTIVENESS is achieved when all personnel are aware of the SMS, safety critical information and their role in respect of aviation safety.

INDICA	ATORS OF COMPLIANCE + PERFORMANCE	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION		
4.2.1	Safety plans and strategies are communicated throughout the organisation to all personnel.								
4.2.2	Significant events and investigation outcomes associated with the organisation are communicated to all personnel, including contracted organisations where appropriate.								
BEST	PRACTICE INDICATORS	P	S	0	Ε	HOW IT IS ACHIEVED	VERIFICATION		
4.2.3	There is a safety communication strategy that includes electronic communication, frequent meetings, SMS award systems, employee recognition system, SMS bulletins etc.								
4.2.4	Significant events and investigation outcomes from external sources are communicated to all personnel including contracted organisations where appropriate.								
4.2.5	The effectiveness of safety communication is routinely assessed and the strategy revised as required.								
4.2.6	Safety-related information is proactively shared with other parties.								

4.2 SUMMARY COMMENTS