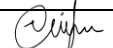
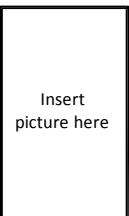
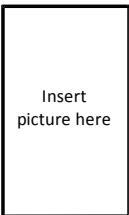
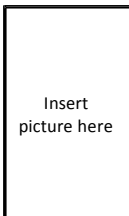
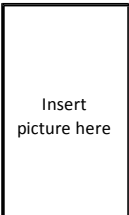


SAFETY RISK ASSESSMENT (HIRARC) FORM

Document No.:	GALAXY-HSE-SMS
Release date:	08 Jan 2019
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-54(19)	Date conducted:	07 Jan 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	PGU Line Maintenance at Kota Kinabalu	Revision:	0	Received By:	Salman (QAM)	Signature:	

No.	Hazard Identification				Risk Assessment				Risk Control		
	Workplace/ Activity	Hazard	Consequences/ Effects	Likelihood	Severity	Risk Rating	Existing Risk Control (if any)	Recommended and additional Control	PIC	Status/ Remarks	
1	 GAM to certified additional maintenance facilities for PGU operation for line maintenance at PGU base Kota Kinabalu facility as per AMO Part 145 requirement.	Transition of capability upgraded will implicate interest of the company with non-compliance with authority regulation	The company can't achieve their business opportunities and commercial values	4	E	4E	Admin. Control: Refer to SMS Manual Part 14.2 (Process of management of change MOC)	Admin. Control: Introduce a MOC checklist to Identify gaps and weaknesses	QAM	Risk reduced to 3E after existing and additional control measure and find on acceptable level	
2	 PGU Kota Kinabalu maintenance facilities have a dedicated maintenance area include maintenance hangar, store and office.	The facilities not meet the authority standard as per Part 145 & safety requirement which lead to be unsafe working environment.	Improper maint. facilities may harm personnel, aircraft and a/c component damage	3	C	3C	Admin. Control: Refer to SMS Manual Part 13.2 (Safety Audits) and MOE Part 3.1.2	Admin. Control: To do an observation and surveillance for identify of areas for improvement	QAM SM	Risk reduced to 2C after existing and additional control measure and find on acceptable level after review	
3	 Requirement of test equipment, standard tools, calibrated tools, special tools, GSE and Maintenance platform as required for maintenance operation	The equipment do not meet the standard of authority compliance which lead to be an unsafe working environment	Tools and equipment that didn't meet the spec. can cause a/c & component damage	4	C	4C	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: To generate an appropriate listing for the item, to ensure the serviceability	QAM EM SM	Risk reduced to 2C after existing and additional control measure and find on acceptable level after review	
4	 An appropriate training (required training) and adequate manpower required (qualified personal) to support the maintenance operation as per requirement	Reduction of ability to perform a prescribe function and task due to lack of manpower and adequate training as per required	Difficulty to perform a task as per task assigned and may implicated to a/c safety	3	B	3B	Admin. Control: Refer to MOE Part 3.4.5 (Training and continuation training)	Admin. Control: An additional related training to enhance personal capabilities as required	QAM EM SM	Risk reduced to 1B after additional control measure and find on acceptable level after review	