
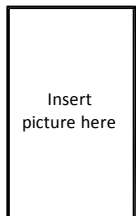
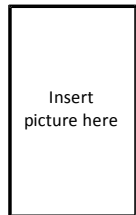
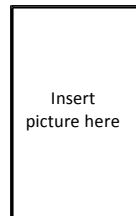
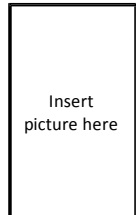


## SAFETY RISK ASSESSMENT (HIRARC) FORM

Document No.:	GAM/SMS-HR/002(18)
Release date:	29 Jan 2019
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-57(19)	Date conducted:	29 Jan 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	New a/c cap. AS355 with TURBOMECA	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	 New additional aircraft capability for maintenance of AS355 Helicopters with TURBOMECA ARIUS 1 Engine for GAM PART-145 AMO maintenance capability	Transition of additional 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	<b>Admin. Control:</b> Refer to SMS Manual Part 14.2 (Process of management of change MOC)	<b>Admin. Control:</b> Identify gaps and weaknesses thru MOC tracking to ensure the achievement	SM QAM	Risk reduced to <b>3E</b> after additional control measure and found on acceptable level	
2	 The maintenance facility will be at GAM-MIAT Hangar 2, Subang Campus under CAAM Approved Part 145 maintenance facilities	The facilities do not meet the standard of authority requirement which lead to be an unsafe working environment	Improper maint. facilities can harm a personal and cause of a/c and component damage	4	C	4C	<b>Admin. Control:</b> Refer to SMS Manual Part 13.2 (Safety audits)	<b>Admin. Control:</b> To carry out surveillance of areas and facility to meet safety requirement	EM QM SM	Risk reduced to <b>1C</b> after an additional control measure and found was on acceptable level	
3	 An appropriate training is required and qualified authorized personnel for aircraft AS355 with TURBOMECA ARIUS 1 Engine	Reduction of ability to perform a prescribe function due to lack and adequate training as per required	Difficulty to perform a task as per task assigned and will implicated to a/c safety	2	E	2E	<b>Admin. Control:</b> Refer to MOE Part 3.4.5 (Training and continuation training)	<b>Admin. Control:</b> An additional related training to enhance personal capabilities	QAM EM HRM	Risk reduced to <b>1E</b> after an additional control measure and found was on acceptable level	
4	 Requirement of a standard tooling, test equipment, calibrated tool, and test equipment are provided and available by Galaxy Aerospace and supported by Airbus	The equipment do not meet the standard of authority compliance which lead to be an unsafe working environment	equipment that didn't meet the specifications can cause of a/c and component damage	4	C	4C	<b>Admin. Control:</b> Refer to MOE Part 2.4 (Acceptance of tool and equipment)	<b>Admin. Control:</b> To observe for identification, COC and support agreement from Airbus	SM QAM	Risk reduced to <b>2C</b> after an additional control measure and found was on acceptable level	