


SAFETY RISK ASSESSMENT (HIRARC) FORM

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SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-73(19)	Date conducted:	24 May 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	To add AMO capability (AW109E)	Revision:	0	Received By:	Salman (QAM)	Signature:	

Hazard Identification				Risk Assessment				Risk Control			
No.	Workplace/ Activity	Hazard	Consequences/ Effects	Likelihood	Severity	Risk Rating	Existing Risk Control (if any)	Recommended and additional Control	PIC	Status/ Remarks	
1	Insert picture here Requirement of additional aircraft maintenance capability of JBPM (BOMBA) AW 109 E helicopters 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	Admin. Control: Refer to SMS Manual Part 14.2 (Process of management of change MOC)	Admin. Control: Identify gaps and weaknesses thru MOC tracking to ensure the achievement	SM QAM	Risk reduced to 3E after additional control measure and found on acceptable level	
2	Insert picture here 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	Admin. Control: Refer to SMS Manual Part 13.2 and MOE Part 3.1.2 (Safety & QA Audit)	Admin. Control: To do an observation for identification of areas for improvement	QAM SM	Risk reduced to 1C after an additional control measure and found was on acceptable level	
3	Insert picture here Appropriate training and adequate qualified authorized personnel for task to attend an approve type course and others appropriate related training	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	Admin. Control: Refer to MOE Part 3.4.5 (Training and continuation training)	Admin. Control: An additional related training for AW 109 E to enhance personal capabilities	QAM EM HRM	Risk reduced to 1E after an additional control measure and found was on acceptable level	
4	Insert picture here Requirement of a standard tooling, test equipment, calibrated tool, and test equipment are provided and available by Galaxy Aerospace and support by operator	The equipment does 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	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: To observe for identification, COC and support agreement from operator	SM QAM	Risk reduced to 2C after an additional control measure and found was on acceptable level	