
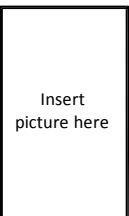
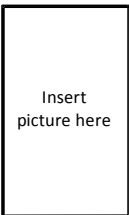
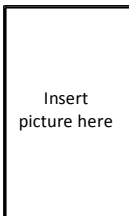
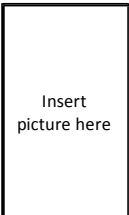




HIRARC REGISTER

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SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-29(18)	Date conducted:	06 March 2018	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	New a/c capability AW189 Helicopters	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	 Insert picture here	New additional aircraft capability for maintenance of AW189 Helicopters operated Fire Department of Malaysia (BOMBA) under GAM PART-145 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	D	4D	Admin. Control: Refer to SMS Manual Part 14.2 (Process of management of change MOC)	Admin. Control: Identify gaps and weaknesses 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 (Safety audits)	Admin. Control: To do an observation for identification of areas for improvement	EM QM SM	Risk reduced to 2D after an additional control measure and found was on acceptable level
3	 Insert picture here	Appropriate training and 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 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 OEM	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	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: To observe for identification, COC and support agreement from OEM	SM QAM	Risk reduced to 2D after an additional control measure and found was on acceptable level