
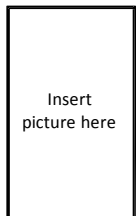
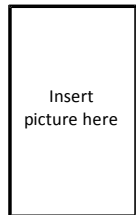
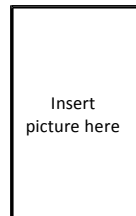
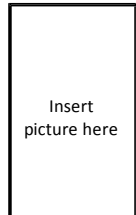


HIRARC REGISTER

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SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-34(18)	Date conducted:	25 June 2018	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	JBPM's Bertam as Line Station for AW189	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	GAM granted a contract for services acquisition of 2 AW189 helicopter own by JBPM by Ministry of Urban, Housing and Local Government	Transition of capability upgraded will implicate interest of the company with non-compliance with authority requirement	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: Introduce a MOC checklist to Identify gaps and weaknesses	QAM	Risk reduced to 2D after existing and additional control measure and find on acceptable level
2	 Insert picture here	All aircraft will be based at JBPM's Main Operating Base (MOB) at Pengkalan Udara JBPM Bertam, Kepala Batas Pulau Pinang and as an approved line maint.	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)	Admin. Control: To do an observation and surveillance for identify of areas for improvement	QAM SM	Risk reduced to 1C after existing and additional control measure and find on acceptable level
3	 Insert picture here	Requirement of test equipment, standard tools and GSE and Maintenance platform for the maintenance operation	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 and the COC of equipment for a save utilization	QAM EM SM	Risk reduced to 2C after existing and additional control measure and find on acceptable level
4	 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 and task 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	3	B	3B	Admin. Control: Refer to MOE Part 3.4.5 (Training and continuation training)	Admin. Control: To conduct and implemented Safety requirement and briefing for the new facility	QAM EM SM	Risk reduced to 1B after existing and additional control measure and find on acceptable level