
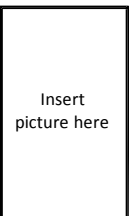
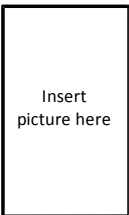
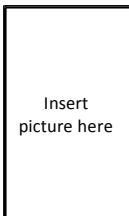
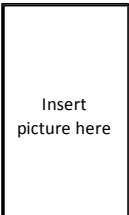


SAFETY RISK ASSESSMENT (HIRARC) FORM


Document No.:	GALAXY-HSE-SMS
Release date:	31 Jan 2019
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-58(19)	Date conducted:	28 Jan 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	GAM Safety Equipment Workshop approval	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		To add capability for GAM Safety Equipment Workshop in order to minimize the servicing cost and make the lead time of the component to the shorten period.	Transition of additional capability will implicate interest of the company with non-compliance with authority regulation	The company can't achieve their business opportunities and its 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	QAM	Risk reduced to 3E after existing and additional control measure and find on acceptable level
2		To set up safety equipment workshop to service AW 189 floatation system, Aerolite 10 Life raft type 23 valise, life jacket type MK28 for JBPM, Bomba Malaysia	Transition of additional capability will implicate interest of the company with non-compliance with safety, quality, authority standard and regulation	Improper workshop facilities can cause of product and component damage	3	C	3C	Admin. Control: Refer to SMS Manual Part 13.2 (Safety Audits) and MOE Part 3.1 (QA Audit)	Admin. Control: To carried out an observation and surveillance for identify of areas for improvement	QAM SM	Risk reduced to 2C after additional control measure and find on acceptable level after review
3		The workshop facility will be at GAM HQ ground floor as dedicated area for Safety Equipment workshop and have to be approved by authority (CAAM)	The workshop facilities not meet the authority standard as per Part 145 Class C Ratings & safety requirement which lead to be unsafe condition	Improper of the facilities may cause property, product and component damage	3	C	3C	Admin. Control: Refer to SMS Manual Part 13.2 (Safety Audits) and MOE Part 3.1 (QA Audit)	Admin. Control: To carried out an observation and surveillance for identify of areas for improvement	QAM EM SM	Risk reduced to 2C after additional control measure and find on acceptable level after review
4		An appropriate training is required, qualified authorized personnel and adequate personnel for performing the prescribed task as per operational requirement	Reduction of ability to perform a prescribe function due to lack of manpower and adequate training as per required	Difficulty to perform a task as per task assigned and implicated to a/c component 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	QAM EM SM	Risk reduced to 1B after additional control measure and find on acceptable level after review

SAFETY RISK ASSESSMENT (HIRARC) FORM

Document No.:	GALAXY-HSE-SMS
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HIRARC NO.:	Continuation of GAM/SMS/H-58(19)	Date conducted:	28 Jan 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	GAM Safety Equipment Workshop approval	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
5	Insert picture here	Requirement of a standard tooling, test equipment, calibrated tool, and test equipment are provided and available by Galaxy Aerospace and supported 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 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 after review
6	Insert picture here	Requirement of pressurized air or pneumatic equipment which involved the use of 5 HP portable air compressor for performing the prescribed task as per operational requirement	Compressed tank polluted with oil (flammable substances) has the potential and may cause a dangerous explosion when place under extreme pressure and temperature	Improper handling of equipment may harm personnel, property and resulting in product damage	3	C	3C	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: To carried out an appropriate training and developed procedure to enhance safety	QAM EM SM	Risk reduced to 2C after additional control measure and find on acceptable level after review
7	Insert picture here	Requirement of hygrometer and dehumidifier for temperature and humidity control in the designated facility as per operational requirement	Uncontrolled temperature and humidity levels will affecting product properties such as tensile strength, elasticity, strain strength and friction	Improper facility and product handling may cause of or resulting in product damage	4	C	4C	Admin. Control: Refer to EPM 2-02 Part 4.1.b (Storage and Shelf Life Control Aircraft Parts)	Admin. Control: To record the temperature and humidity daily and device calibration	QAM EM SM	Risk reduced to 2C after additional control measure and find on acceptable level after review
8	Insert picture here	Requirement of utilization an appropriate (PPE) as reasonable and practical during performing the prescribed task as per operational requirement	Failure to used PPE will exposed to a variety hazards when engineering and administrative controls are not feasible or effective to reduce risks	Risk to personal from injury or death and employers at risk of prosecution	3	D	3D	PPE Control: An appropriate PPE is already placed at MIAT store for utilization	PPE Control: To place an appropriate PPE as required at Safety Equipment Workshop	QAM EM SM	Risk reduced to 1D after existing and additional control measure and find on acceptable level