
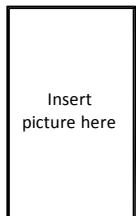
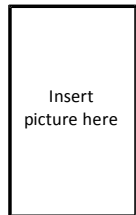
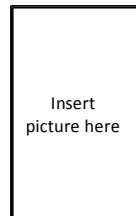
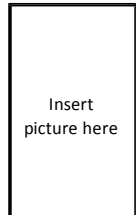


HIRARC REGISTER


Document No.:	GALAXY-HSE-SMS
Release date:	22 Oct 2018
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-51(18)	Date conducted:	22 Oct 2018	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	Additional line & base main't facility (PGU)	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 to certified additional maintenance facilities for their operation at line & base maintenance at PGU Subang facility as per AMO Part 145 requirement.	Transition of 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: Introduce a MOC checklist to identify gaps and weaknesses	QAM	Risk reduced to 3E after existing and additional control measure and find on acceptable level	
2	 Insert picture here PGU Subang maintenance facilities have a dedicated maintenance area include shelter, hangar space, store and maintenance office.	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) and MOE Part 3.1.2	Admin. Control: To do an observation and surveillance for identify of areas for improvement	QAM SM	Risk reduced to 2C after existing and additional control measure and find on acceptable level after review	
3	 Insert picture here Requirement of test equipment, standard tools, calibrated tools, special 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 after review	
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: An additional related training to enhance personal capabilities as required	QAM EM SM	Risk reduced to 1B after additional control measure and find on acceptable level after review	

HIRARC REGISTER

Document No.:	GALAXY-HSE-SMS
Release date:	11 Sept 2017
SMS Page:	APPENDIX C

HIRARC NO.:	Continuation of GAM/SMS/H-13(17)	Date conducted:	11 Sept 2017	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	Additional line & base maintenance facility	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	Chemical and compressed gas cylinder handling and storage, POL storage management and waste management	Uncontrolled condition which lead to unsafe condition for example chemical spillage, chemical reaction and leaking of inert gases	Contributing to industrial fire which affected aircraft and personnel safety	4	B	4B	Admin. Control: Refer to Safety Bulletin, Issue June 2017 (Storage and handling chem.)	Admin. Control: To established required procedure and related training	QAM EM SM	Risk reduced to 2D after existing and additional control measure and find on acceptable level
6	Insert picture here	GAM - MIAT Subang maintenance facilities evacuation and salvage operation in hangar and office	Unsafe condition which lead to unsafe act for example the action and reaction on the event of fire occurrence	Improper evacuation procedure which affected aircraft and personnel safety	4	B	4B	Admin. Control: Refer to SMS Manual Part 15 (Emergency response plan)	Admin. Control: To customize ERP layout plan at GAM-MIAT facilities as per requirement	SM	Risk reduced to 2D after existing and additional control measure and find on acceptable level
7	Insert picture here	Galaxy Aerospace scrapped material management and control requirement	Uncontrolled scrap material which lead to unsafe condition	Unserviceable or scrap item, spares and component are potentially to be accidentally reused	3	B	3B	Admin. Control: Refer to Safety Bulletin, Issue August 2017 (Safety in aviation industries)	Admin. Control: To established procedure for the required condition	QAM EM	Risk reduced to 3E after existing and additional control measure and find on acceptable level
8	Insert picture here	GAM - MIAT Subang facilities aircraft maintenance area (hangar), store and office area prohibition control (visitor, contractor staff or student) requirement	Unsafe condition which lead to unsafe act for example visitor or student did an unforeseen dangerous attempt on the aircraft	Contribute to aircraft or aircraft component damage and aircraft safety	4	B	4B	Admin. Control: Refer to Safety Memo, ref no: GAM-S/ME/05/OCT16 Facility Access Policy	Admin. Control: To established procedure for the required condition	QAM EM SM	Risk reduced to 2E after existing and additional control measure and find on acceptable level