
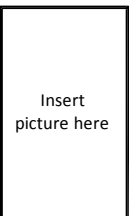
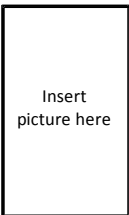
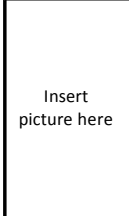
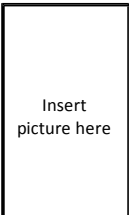


SAFETY RISK ASSESSMENT (HIRARC) FORM

Document No.:	GALAXY-HSE-SMS
Release date:	16 Mac 2019
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-68(19)	Date conducted:	15 Mac 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	YTL Hangar for Line Maintenance	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	 GAM to qualify YTL hangar for AW139 line maintenance activities, as requested by customer as per AMO Part 145 requirement for 2X AW 139	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	 YTL hangar will operated for line maintenance only, for base maintenance will remain at MIAT base maintenance facility	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	 Requirement of standard, calibrated, special tools and test equipment as required for maintenance operation will be support by GAM-MIAT central stores	The tools and equipment do not meet the standard and requirement of authority compliance which lead to be an unsafe working condition	Tools and equipment that didn't meet the spec. can caused a/c & component damage	4	C	4C	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: With refer to an updated and appropriated tool listing, to ensure the serviceability	QAM EM SM	Risk reduced to 2C after existing and additional control measure and find on acceptable level after review	
4	 Manpower will utilize the existing crew, LAE and technician will be deployed from other GAM AMO to support the maintenance operation as per requirement	Reduction of ability to perform a prescribe function and task due to lack of manpower due to a tight shift pattern and manpower constraint	Difficulty to perform a task as per task assigned and may implicated to a/c safety	3	B	3B	Admin. Control: Refer to MOE Part 1.7 (Manpower resources)	Admin. Control: An appropriate Safety Briefing for a new facility to GAM crew	QAM EM SM	Risk reduced to 1B after additional control measure and find on acceptable level after review	