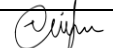
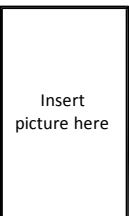
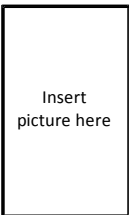
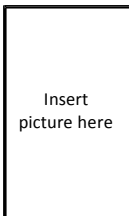
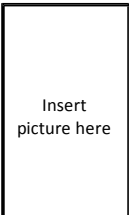


## HIRARC REGISTER

Document No.:	GALAXY-HSE-SMS
Release date:	23 May 2019
SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-72(19)	Date conducted:	22 May 2018	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	Weighing Capability Sikorsky S-76C	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		Galaxy's additional weighing capability for aircraft type Sikorsky S-76C to perform aircraft weighing and issue aircraft weight schedule due to customer request	Transition of capability upgraded will implicate interest of the company with non-compliance to the aircraft weighing requirement.	The company can't achieve their business opportunities and commercial values	4	E	<b>4E</b>	<b>Admin. Control:</b> Refer to SMS Manual Part 14.2 (Process of management of change MOC)	<b>Admin. Control:</b> Identify gaps and weaknesses to ensure the achievement	SM QAM HODO	Risk reduced to <b>3E</b> after existing and additional control measure and find on acceptable level
2		Existing tooling for weighing operation and tooling required (weighing scale, jacking equipment and levelling equipment)	Reduction of ability to perform a prescribe task with improper equipment and tooling 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	<b>4C</b>	<b>Admin. Control:</b> Refer to MOE Part 2.4 (Acceptance of tool and equipment)	<b>Admin. Control:</b> To observe for identification and the COC, calibrated and safe to use	QAM HODO	Risk reduced to <b>2C</b> after existing and additional control measure and find on acceptable after review.
3		An appropriate training is required to upgrade personnel competencies to performing assigned task for dedicated weighing engineer	Reduction of ability to perform a prescribe function due to lack and adequate training as per required to perform task assigned	Difficulty to perform a task as per task assigned and implicate the aircraft safety	2	E	<b>2E</b>	<b>Admin. Control:</b> Refer to MOE Part 3.4.5 (Training and continuation training)	<b>Admin. Control:</b> An additional (S-76C gen. fam) training required to enhance capabilities	QAM HODO	Risk reduced to <b>1E</b> after existing and additional control measure and find on acceptable level
4		Weighing to be performed at GAM base or line approved maintenance hangar by authorities (MIAT) or another approved hangar as per requested by customer	The facilities do not meet the standard of authority and safety requirement which lead to unsafe working condition	Improper weighing facility may cause aircraft or equipment damage	4	C	<b>4C</b>	<b>Admin. Control:</b> Refer to SMS Manual Part 13.2 (Safety Audits) and MOE Part 3.1.2 (Quality audit policy)	<b>Admin. Control:</b> To do an observation to identify of areas for improvement and any risk potential	QAM SM	Risk reduced to <b>2E</b> after existing and additional control measure and find on acceptable level