	Color	<b>*</b>								Document No.:	GAM/SMS-HF	· · · ·
GalaxyAerospace SAFETY RISK ASSESSMENT (HIRARC) FORM									Release date:	30 Sept 2019		
					30 Sept 2019					SMS Page:	APPENDIX C  Mohammad Nizam Jaafar	
	ARC NO.:	GAM/SMS/H-77(19)		Date conducted:		•		Nizam (SM)	Approved by:	William Nizam Jaaran		
Pro	ocess/ Location:	DHC6-300 Twin Otter Line & B		Revision:	0	Received By: Salman (QAM)			, ,	Signature:	$\smile$ /	
No.		Workplace/ Activity	entification	Hazard	Consequences/ Effects	Risk Asses  Likeli- Severity Risk hood Rating		Existing Risk Control (if any)	Recommended and additional Control	Risk Control PIC Status/ Remarks		
1	Insert picture here	New additional aircraft capability for base & line maintenance of two (2) DHC6-300 (Twin Otter) for GAM AMO PART-145	capability for base & line maintenance of two (2) DHC6-300 (Twin Otter)  Transition of additional capability upgraded will implicate interest of the company with non-			4	E	<b>4</b> E	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 in execution process	SM QAM	Risk reduced to <b>3E</b> after additional control measure and found on acceptable level
2	Insert picture here	The hangar and maint. office for line and base maintenance operation for will be in Subang and Senai, to be an approved AMO Part 145 maintenance facilities	The facilities do not meet the standard of authority requirement which lead to be an unsafe working environment		Improper maint. facilities can harm a personal and cause of a/c and component damage	3	С	3C	Admin. Control: Refer to SMS Manual Part 13.2 (Safety audits) & MOE Part 3.1.2 (QA audit)	Admin. Control:  To do an observation for identification of areas for improvement	EM QM SM	Risk reduced to <b>20</b> after existing and additional control measure and find on acceptable level after review
3	Insert picture here	An appropriate training is required for qualified authorized personnel as per aircraft type rating (DHC6-300 Twin Otter)	perform a and functi and adequ per require be an un	n of ability to prescribe work ion due to lack late training as id which lead to safe working ndition	Difficulty to perform a task as per task assigned and implicated to a/c safety and operational safety	2	Е	2E	Admin. Control: Refer to MOE Part 3.4.5 (Training and continuation training)	Admin. Control: An additional related training to enhance personal capabilities with include onsite safety briefing	QAM EM	Risk reduced to <b>1E</b> after an additiona control measure and found was on acceptable level
		An appropriate and adequate manpower with qualified		n of ability to prescribe work	Difficulty to perform a task as	3	В	3B	Admin. Control: Refer to MOE	Admin. Control: To evaluate the	SM	Risk reduced to <b>1E</b> after an additional

Part 1.7

(Manpower

resources)

competency of

shortlisted

manpower for the

activities

QAM

EM

control measure

acceptable level

and found was on

and function due to lack of per task assigned

manpower and authorized and implicated to

a/c safety and

operational

safety

personnel as per required

working condition

Insert

picture here

authorized personnel for

aircraft rating DHC6-300

Twin Otter to cater line &

base maintenance operation | which lead to be an unsafe



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HIRA	ARC NO.:	GAM/SMS/H-77(19)		Date conducted:	30 Sept 2019	Conducted by:			Nizam (SM)	Approved by:	Mohammad Nizam Jaafar	
Pr	ocess/ Location:	DHC6-300 Twin Otter Line & Base		Revision:	0	Received By:		Salman (QAM)	Signature:	Viyn		
		Hazard Id	Hazard Identification				Risk Assessment				Risk Control	
No.		Workplace/ Activity H		Hazard	Consequences/ Effects	Likeli- hood	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 support by MHS Aviation	meet the authority which lead	ment does not e standard of y compliance to be an unsafe environment	Equipment that didn't meet the specifications can cause of a/c and component damage	4	С	4C	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control: To observe for identification, COC and support agreement from Airbus	SM QAM	Risk reduced to <b>2C</b> after existing and additional control measure and find on acceptable level after review
6	Insert picture here	appropriate and adequate Ground Support Equipment (GSE) for line and base  the standar compliance be an uns		does not meet rd of authority e which lead to safe working ronment	Improper GSE can harm personal and cause of a/c and component damage	4	С	4C	Admin. Control: Refer to MOE Part 2.4 (Acceptance of tool and equipment)	Admin. Control:  To do an observation for identification of areas for improvement	EM QM SM	Risk reduced to <b>2C</b> after existing and additional control measure and find on acceptable level after review