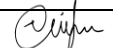


SAFETY RISK ASSESSMENT (HIRARC) FORM

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SMS Page:	APPENDIX C

HIRARC NO.:	GAM/SMS/H-77(19)	Date conducted:	30 Sept 2019	Conducted by:	Nizam (SM)	Approved by:	Mohammad Nizam Jaafar
Process/ Location:	DHC6-300 Twin Otter Line & Base	Revision:	0	Received By:	Salman (QAM)	Signature:	

Hazard Identification				Risk Assessment				Risk Control			
No.	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	New additional aircraft capability for base & line maintenance of two (2) DHC6-300 (Twin Otter) for GAM AMO PART-145	Transition of additional 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 in execution process	SM QAM	Risk reduced to 3E 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	C	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 2C 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)	Reduction of ability to perform a prescribe work and function due to lack and adequate training as per required which lead to be an unsafe working condition	Difficulty to perform a task as per task assigned and implicated to a/c safety and operational safety	2	E	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 1E after an additional control measure and found was on acceptable level
4	Insert picture here	An appropriate and adequate manpower with qualified authorized personnel for aircraft rating DHC6-300 Twin Otter to cater line & base maintenance operation	Reduction of ability to perform a prescribe work and function due to lack of manpower and authorized personnel as per required which lead to be an unsafe working condition	Difficulty to perform a task as per task assigned and implicated to a/c safety and operational safety	3	B	3B	Admin. Control: Refer to MOE Part 1.7 (Manpower resources)	Admin. Control: To evaluate the competency of shortlisted manpower for the activities	SM QAM EM	Risk reduced to 1B after an additional control measure and found was on acceptable level

