


SAFETY RISK ASSESSMENT (HIRARC) FORM

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HIRARC NO.:	GAM/SMS/H-88(20)	Date conducted	16 March 2020	Conducted by:	Nur Farhana	Approved by:	Mohammad Nizam Jaafar
Process/Location	Weighing Capability PC6, DCH	Revision	0	Received by:	Omar Ahmad	Signature	

No.	Hazard Identification			Risk Assessment				Risk Control		
	Workplace/Activity	Hazard	Consequences/Effects	Likelihood	Severity	Risk Rating	Existing Risk Control (if any)	Recommended Control Measures	PIC	Status/Remarks
1	Galaxy's additional weighing capability for aircraft type Pilatus PC6, Cessna 208 Caravan, King Air B300 and Twin Otter DHC-6-300 to perform aircraft weighing as per requirement of GAM weighing approval application	Transition of capability upgraded will implicate interest of the company with non-compliance to authority requirement.	The company cannot 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: Identify gaps & weaknesses to ensure the achievement	SM QAM TS	Risk reduced to 3E after existing and additional control measure and find on acceptable level
2	Related and required equipment and tooling are by existing standard tooling for weighing operation by GAM TSD 1) Weighing Scale 2) Jacking equipment 3) 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 did not meet the specifications and standard 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, calibrated and safe to use	QAM TS	Risk reduced to 2C after existing and additional control measure and acceptable after review
3	An appropriate training required to enhanced personnel competencies to perform assigned task as per aircraft type rating and adequate qualified personnel for weighing approval holder	Reduction of ability to perform a prescribe function due to lack of training and personnel as required to perform task assigned	Difficulty to perform a task as per task assigned and implicate the aircraft safety	2	E	2E	Admin. Control: Refer to MOE Part 3.4.5 (Training and continuation training)	Admin. Control: A Gen Fam for Related type training required to enhanced capabilities	QAM TS	Risk reduced to 1E after additional control measure and find on acceptable level
4	Facility for weighing to be at GAM or client approved hangar. For unapproved hangar, audit will be done prior to actual weighing activity by Quality Assurance (QA) department	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	4C	Admin. Control: Refer to MOE Part 3.1.2 (Quality audit)	Admin. Control: To do an observation to identify of areas for improvement and risk potential	QAM TS	Risk reduced to 2C after existing and additional control measure and acceptable after review.