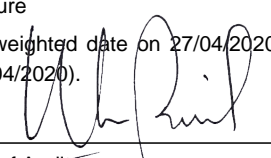


NON-COMPLIANCE REQUEST

1. AUDIT REPORT NO.	IAR-2021/039
2. NCR NO.	01

PART I - FINDING SECTION

3. COMPANY: GALAXY AEROSPACE (M) SDN. BHD.	4. AUDIT DATE: 15 DECEMBER 2021
5. LOCATION: GAM-APMM	6. AREA/SECTION: AMO - APMM AW139
7. AUDIT TYPE: INTERNAL / SURVEILLANCE / VENDOR / PRODUCT / REGULATORY / CUSTOMER	
8. REFERENCE: TAMM 2ND EDITION REGULATION 5.5.1 PARA D. MMP AW139 (GAM/MMP/APMM) ISSUE 3 AMD 0 DATED 23 FEB 2021 PART 8.1.1 PARA 2 C.	9. LEVEL OF FINDING: <input type="checkbox"/> Level 1 - Require immediate actions <input checked="" type="checkbox"/> Level 2 - Rectify within 14 days
10. DETAILS OF NON-COMPLIANCE: Weight and balance report for M72-02 (GAM/WR/20/11/31315) dated on 17 June 2020. The weighted date on 27/04/2020. It was found in the Section 2 of the report the equipment used has passed the Calibration due date (23/04/2020).	a. Signature  b. Name of Auditor Wan Ahmad Fadhil Wan Mohd Fauzi c. Date 17 December 2021

PART II - ROOT CAUSE(S) / CORRECTIVE & PREVENTIVE ACTION(S)

11. ROOT CAUSE(S):

<input type="checkbox"/> No / Insufficient Manpower	<input type="checkbox"/> Facility	<input type="checkbox"/> Communication Issue
<input type="checkbox"/> No / Lack of Training	<input type="checkbox"/> No / Incomplete Records	<input type="checkbox"/> No / Inadequate Procedure
<input type="checkbox"/> No / Insufficient Tooling/Equipment	<input type="checkbox"/> No / Inadequate Maintenance Data	<input checked="" type="checkbox"/> Others (Specify): - TYPING ERROR ON CALIBRATION DUE DATE IN SECTION 2

12. CORRECTIVE ACTION(S):

Amendment has been made for weight and balance report M72-02 (GAM/WR/20/11/31315) on the calibration due date in accordance with Calibration Certificate dated 8 March 2021.

Refer attached weighing kit Calibration Certificate dated 8 March 2021 and 22 April 2020.

Target date: 22 December 2021

13. PREVENTIVE ACTION(S):

Ensure to refer to the latest Calibration Certificate of weighing equipment.

Target date: 22 December 2021

Auditee / Head of Dept (Name & Signature): _____ Reply Date: _____



NON-COMPLIANCE REQUEST

1. AUDIT REPORT NO.

IAR-2021/039

2. NCR NO.

01

14. NCR REVIEW

The proposed corrective/preventive actions: **ACCEPTABLE** **NOT ACCEPTABLE** New NCR raised with Rev No. _____
If not acceptable, state reason for rejecting the corrective action:

Auditor (Name & Signature):

Review Date:

15. NCR FOLLOW-UP AND CLOSURE

Remarks:

Auditor (Name & Signature):

Follow-Up Date:

NCR Status: CLOSED OPEN

Closure Date:

16. NCR ACKNOWLEDGEMENT

Remarks:

Quality Assurance Manager (Name & Signature):

Date:

Certificate of Calibration

Cert. No. PSYP- 21015612

Page 1 of 2



Reference No R121038320
Date of Issue 08 Mar 2021
Customer GALAXY AEROSPACE (M) SDN BHD
Suite 11-14, Helicopter Centre
ID: 030049 Malaysia International Aerospace Centre
Sultan Abdul Aziz Shah Airport
47200 Subang
Selangor, Malaysia
Instrument Weighing Scale
Model INTERCOMP AC125LP-4C
Serial No 25702886
Control No C9627M
Equipment ID AC125LP-4C
Capacity/Range Max 5000 kg
Date of Calibration 08 Mar 2021
Recalibration Date 08 Mar 2022
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
Condition of Instrument
Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable
Location of Calibration Trescal Laboratory
Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
Calibration Method LCP 01309F

Reference Standard Used

Reference Instrument	Factory No	Control No	Certificate No	Traceable to	Due Date
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-20033303	NMIM	17 Jun 2021

Calibrated By



Muhammad Farid Bin Abdul

Khalid

Approved Signatory



Azlan Bin Othman

The uncertainties are for a confidence probability of approximately 95%

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Certificate of Calibration

Control No. C9627M

Cert .No PSYP-21015612

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT AFTER ADJUST	% RELATIVE ERROR OF			UUT BEFORE ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				0
50.0	50	0.00	0.12		50
100.0	100	0.00	0.03		99
250.0	250	0.00	-0.01	0.00	246
500.0	500	0.00	-0.02		490
1000.0	1000	0.00	-0.02		987
2000.0	2000	0.00	-0.01		1982
3000.0	3000	0.00	0.00		2981
4000.0	4000	0.00	0.02		3979
4500.0	4498	0.02	-0.01		4480
Measurement Uncertainty ±		1.7	kg		k = 2

Best Fit Curve	<i>Reference Force = a + b(UUT) + c(UUT²) where a,b,c are constant; UUT is instrument reading.</i>					
	Constant	a =	7.86692E-02	b =	9.99566E-01	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

Info 5: Refer to 'UUT After Adjust' if adjusted. Otherwise refer 'UUT Before Adjust' if not adjusted. '-' mean not adjust.

The uncertainties are for a confidence probability of approximately 95%

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Certificate of Calibration

Cert. No. PSYP- 21015613

Reference No R121038320
Date of Issue 08 Mar 2021
Customer GALAXY AEROSPACE (M) SDN BHD
Suite 11-14, Helicopter Centre
ID: 030049 Malaysia International Aerospace Centre
Sultan Abdul Aziz Shah Airport
47200 Subang
Selangor, Malaysia
Instrument Weighing Scale
Model INTERCOMP AC125LP-4C
Serial No 25702887
Control No C9628M
Equipment ID AC125LP-4C
Capacity/Range Max 5000 kg
Date of Calibration 08 Mar 2021
Recalibration Date 08 Mar 2022
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
Condition of Instrument
Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable
Location of Calibration Trescal Laboratory
Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
Calibration Method LCP 01309F

Page 1 of 2



Reference Standard Used

<u>Reference Instrument</u>	<u>Factory No</u>	<u>Control No</u>	<u>Certificate No</u>	<u>Traceable to</u>	<u>Due Date</u>
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-20033303	NMIM	17 Jun 2021

Calibrated By



Muhammad Farid Bin Abdul

Khalid

Approved Signatory



Azlan Bin Othman

The uncertainties are for a confidence probability of approximately 95%

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Certificate of Calibration

Control No. C9628M

Cert .No PSYP-21015613

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT BEFORE ADJUST	% RELATIVE ERROR OF			UUT AFTER ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				-
50.0	50	0.00	0.39		-
100.0	100	0.00	0.32		-
250.0	249	0.00	-0.11	0.00	-
500.0	498	0.00	-0.13		-
1000.0	998	0.00	0.05		-
2000.0	1995	0.00	-0.02		-
3000.0	2994	0.00	0.00		-
4000.0	3994	0.03	0.02		-
4500.0	4492	0.00	-0.01		-
Measurement Uncertainty ±		1.7	kg		k = 2

Best Fit Curve	Reference Force = a + b(UUT) + c(UUT ²) where a,b,c are constant; UUT is instrument reading.					
	Constant	a =	5.62305E-02	b =	1.00273E+00	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

Info 5: Refer to 'UUT After Adjust' if adjusted. Otherwise refer 'UUT Before Adjust' if not adjusted. '-' mean not adjust.

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Certificate of Calibration

Cert. No. PSYP- 21015611

Page 1 of 2



Reference No R121038320
Date of Issue 08 Mar 2021
Customer GALAXY AEROSPACE (M) SDN BHD
Suite 11-14, Helicopter Centre
ID: 030049 Malaysia International Aerospace Centre
Sultan Abdul Aziz Shah Airport
47200 Subang
Selangor, Malaysia
Instrument Weighing Scale
Model INTERCOMP AC125LP-4C
Serial No 25702888
Control No C9629M
Equipment ID AC125LP-4C
Capacity/Range Max 5000 kg
Date of Calibration 08 Mar 2021
Recalibration Date 08 Mar 2022
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
Condition of Instrument
Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable
Location of Calibration Trescal Laboratory
Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
Calibration Method LCP 01309F

Reference Standard Used

Reference Instrument	Factory No	Control No	Certificate No	Traceable to	Due Date
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-20033303	NMIM	17 Jun 2021

Calibrated By

Muhammad Farid Bin Abdul Khalid

Approved Signatory

Azlan Bin Othman

The uncertainties are for a confidence probability of approximately 95%

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Certificate of Calibration

Control No. C9629M

Cert .No PSYP-21015611

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT BEFORE ADJUST	% RELATIVE ERROR OF			UUT AFTER ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				-
50.0	50	0.00	0.23		-
100.0	100	0.00	0.43		-
250.0	249	0.00	0.15	0.00	-
500.0	497	0.00	-0.02		-
1000.0	995	0.00	0.10		-
2000.0	1988	0.00	-0.01		-
3000.0	2982	0.03	-0.02		-
4000.0	3978	0.03	0.00		-
4500.0	4476	0.02	0.01		-
Measurement Uncertainty ±		1.7	kg		k = 2

Best Fit Curve	Reference Force = a + b(UUT) + c(UUT ²) where a,b,c are constant; UUT is instrument reading.					
	Constant	a =	-2.01838E-01	b =	1.00637E+00	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

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Certificate of Calibration

Reference No R120007883
Date of Issue 22 Apr 2020
Customer GALAXY AEROSPACE (M) SDN BHD
Suite 11-14, Helicopter Centre
ID: 030049 Malaysia International Aerospace Centre
Sultan Abdul Aziz Shah Airport
47200 Subang
Selangor, Malaysia

Cert. No. PSYP- 20020345

Page 1 of 2



Instrument Weighing Scale
Model INTERCOMP AC125LP-4C
Serial No 25702886
Control No C9627M
Equipment ID AC125LP-4C
Capacity/Range Max 5000 kg

Date of Calibration 22 Apr 2020
Recalibration Date 22 Apr 2021
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.

Condition of Instrument
Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable

Location of Calibration Pyrometro Laboratory
Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
Calibration Method LCP 01309F

Reference Standard Used

Reference Instrument	Factory No	Control No	Certificate No	Traceable to	Due Date
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-19044637	NMIM	19 Jun 2020

Calibrated By

Abdul Aziz Bin Saman

Approved Signatory

Azlan Bin Othman

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Certificate of Calibration

Control No. C9627M

Cert .No PSYP-20020345

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT BEFORE ADJUST	% RELATIVE ERROR OF			UUT AFTER ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				-
50.0	50	0.00	-0.19		-
100.0	100	0.00	0.41		-
250.0	249	0.00	0.35	0.00	-
500.0	497	0.00	0.22		-
1000.0	993	0.00	0.09		-
2000.0	1987	0.00	-0.02		-
3000.0	2985	0.03	-0.04		-
4000.0	3991	0.02	0.02		-
4500.0	4493	0.02	0.00		-
Measurement Uncertainty ±		1.7	kg		k = 2

Best Fit Curve	<i>Reference Force = a + b(UUT) + c(UUT²) where a,b,c are constant; UUT is instrument reading.</i>					
	Constant	a =	-6.13835E-01	b =	1.01049E+00	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

Info 5: Refer to 'UUT After Adjust' if adjusted. Otherwise refer 'UUT Before Adjust' if not adjusted. '-' mean not adjust.

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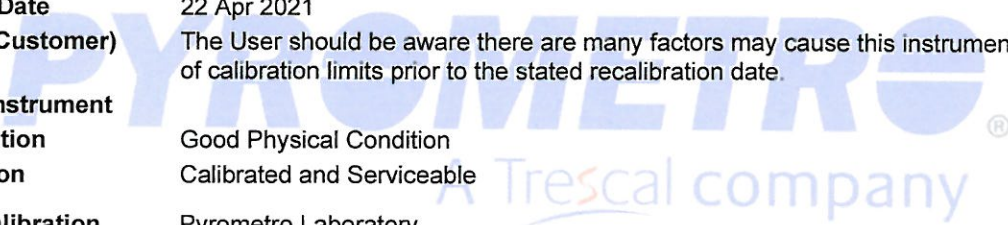
Certificate of Calibration

Reference No R120007883
Date of Issue 22 Apr 2020
Customer GALAXY AEROSPACE (M) SDN BHD
 Suite 11-14, Helicopter Centre
 Malaysia International Aerospace Centre
 Sultan Abdul Aziz Shah Airport
 47200 Subang
 Selangor, Malaysia
ID: 030049

Instrument Weighing Scale
Model INTERCOMP AC125LP-4C
Serial No 25702887
Control No C9628M
Equipment ID AC125LP-4C
Capacity/Range Max 5000 kg
Date of Calibration 22 Apr 2020
Recalibration Date 22 Apr 2021
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
Condition of Instrument
Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable
Location of Calibration Pyrometro Laboratory
Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
Calibration Method LCP 01309F

Cert. No. PSYP- 20020346

Page 1 of 2



Reference Standard Used

<u>Reference Instrument</u>	<u>Factory No</u>	<u>Control No</u>	<u>Certificate No</u>	<u>Traceable to</u>	<u>Due Date</u>
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-19044637	NMIM	19 Jun 2020

Calibrated By

Abdul Aziz Bin Saman

Approved Signatory

Azlan Bin Othman

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Certificate of Calibration

Control No. C9628M

Cert .No PSYP-20020346

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT BEFORE ADJUST	% RELATIVE ERROR OF			UUT AFTER ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				-
50.0	50	0.00	-0.32		-
100.0	100	0.00	-0.09		-
250.0	250	0.00	0.05	0.00	-
500.0	500	0.00	0.09		-
1000.0	999	0.00	0.02		-
2000.0	1997	0.00	-0.01		-
3000.0	2995	0.00	-0.01		-
4000.0	3993	0.00	0.00		-
4500.0	4492	0.00	0.00		-
Measurement Uncertainty ±		1.4	kg		k = 2

Best Fit Curve	Reference Force = a + b(UUT) + c(UUT ²) where a,b,c are constant; UUT is instrument reading.					
	Constant	a =	-2.23309E-01	b =	1.00130E+00	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

Info 5: Refer to 'UUT After Adjust' if adjusted. Otherwise refer 'UUT Before Adjust' if not adjusted. '-' mean not adjust.

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Certificate of Calibration

Reference No R120007883
 Date of Issue 22 Apr 2020
 Customer GALAXY AEROSPACE (M) SDN BHD
 Suite 11-14, Helicopter Centre
 ID: 030049 Malaysia International Aerospace Centre
 Sultan Abdul Aziz Shah Airport
 47200 Subang
 Selangor, Malaysia
 Instrument Weighing Scale
 Model INTERCOMP AC125LP-4C
 Serial No 25702888
 Control No C9629M
 Equipment ID AC125LP-4C
 Capacity/Range Max 5000 kg
 Date of Calibration 22 Apr 2020
 Recalibration Date 22 Apr 2021
 (Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
 Condition of Instrument
 Before Calibration Good Physical Condition
 After Calibration Calibrated and Serviceable
 Location of Calibration Pyrometro Laboratory
 Calibration Environment (23 ± 2) °C, (55 ± 15) %rh
 Calibration Method LCP 01309F

Cert. No. PSYP- 20020347

Page 1 of 2



Reference Standard Used

Reference Instrument	Factory No	Control No	Certificate No	Traceable to	Due Date
Load Cell With Indicator	PH-F-CL8	C9995F	PSYP-19044637	NMIM	19 Jun 2020

Calibrated By

Abdul Aziz Bin Saman

Approved Signatory

Azlan Bin Othman

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Certificate of Calibration

Control No. C9629M

Cert .No PSYP-20020347

Page 2 of 2

Instrument Calibrated

Resolution	1	kg
Readability	1	
Mode	Compress	
Calibration Temperature	23	°C

Specification	N/A
---------------	-----

ACCURACY TEST					
REFERENCE FORCE	UUT BEFORE ADJUST	% RELATIVE ERROR OF			UUT AFTER ADJUST
		REPRODUCIBILITY	INTERPOLATION	ZERO	
0.0	0				-
50.0	50	0.00	0.23		-
100.0	100	0.00	0.29		-
250.0	249	0.00	-0.06	0.00	-
500.0	497	0.00	-0.22		-
1000.0	995	0.00	-0.05		-
2000.0	1990	0.05	0.06		-
3000.0	2979	0.03	-0.01		-
4000.0	3967	0.02	-0.01		-
4500.0	4460	0.02	0.00		-
Measurement Uncertainty ±		1.6	kg		k = 2

Best Fit Curve	Reference Force = a + b(UUT) + c(UUT ²) where a,b,c are constant; UUT is instrument reading.					
	Constant	a =	-5.22375E-02	b =	1.00331E+00	c =

Info 1: UUT - Unit Under Test which is Force Proving Device.

Info 2: Relative Error of Reproducibility - The maximum reproducibility error as a percentage of the average value of deflection for that force.

Info 3: Relative Error of Interpolation - The residual error as a percentage of the mean indicator reading for a given force.

Info 4: Relative Error of zero - The maximum residual indicated output after the application and removal of a series of force.

Info 5: Refer to 'UUT After Adjust' if adjusted. Otherwise refer 'UUT Before Adjust' if not adjusted. '-' mean not adjust.

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