



# FS Form-003 2250 Based NMT PM Report

## 1. Site Information

1.1 CMS Ticket	393507	1.2 Airport/Urban	Airport
1.3 Inspection	Annual	1.4 Location	Balcultry
1.5 Site Number	NMT05	1.6 Date	08-Sep-21
1.7 Inspected by	Kial Wallace/David Courtney		
1.8 Normal NMT Operation Interrupted	From	10:45	To
			11:15

## 7. Occupational Health and Safety Check

Environmental exposure – Appropriate clothing, wide brimmed hat, sunscreen, drinking fluids	Yes
Designated work area – Use of wickets hats, barricades as cordons	No
Personal Protective Equipment (PPE) – protective gloves, safety boots, high viz vest, insect repellent	Yes
Animal hazards	No
Height / door work	No
Ladder used	No
Pole erected	No
Multiple personnel required	Yes
Manual handling issues	Yes
Contact with electricity – Overhead power	No
Structural earthing of buildings / installations	No
Working alone / isolated – means of communication	No
Security or access issues	No
Traffic hazards	No
Work within 2M of edge	No
Harness used	No
Support used	No
Anchor points	No
Emergency equipment	No
Residual current devices	No
Risk of public injury	No
New hazards identified	No

Comments: Site Secure and no safety concern

## 11. Mechanical Inspection

Site Condition:	Good	✓	
Fence Condition:	Good	✓	
Cabinet Condition:	Good	✓	
Moisture Inside NMT:	None	✓	
Insect Infestation:	None	✓	
Windshield Foam:	Replaced	✓	
Bird Spike:	Good	✓	
Lightning Rod:	Good	✓	
Earth Connection:	Good	✓	
Pole and Pole Mounting Condition:	Good	✓	
Conduit Condition:	Good	✓	
Solar Panel Condition:	Good		
Solar Battery Cabinet Condition:	Good		
Cleaned Solar Panel:	Yes		
Battery Terminal Check:	Yes	✓	
GPS Coordinates:	Altitude: 54m	Latitude: 53,414163	Longitude: -6,137969

## 12. Electrical Inspection

11.1 NMT LCD Display:	Good				
11.2 Door Switch:	Good				
1.11 NMT Model:	3639-A	1.9 NMT SNo:	3037367	11.5 Firmware Version:	4.5.0.92
1.10 2250 SNo:	3007636	2250 Type:	G4 Light	Lab Certificate Date:	
		Cal Report No:			
Current Microphone Model:	4952	1.12 SNo:	3037367		
1.13 Modem Type:	GX400	Modem SNo:		IMEI Number:	

## Pistonphone/ Calibrator Information

2.1 Pistonphone/Calibrator Model:	B&K Type 4231 Calibrator	2.2 Calibrated Date:	17/05/2021
2.1 Serial Number:	2460008	Cal Report No:	CDK2103317
2.5 Normalized Output (dB):	94,07	2.3 Atmos. Pressure (hPa)	
		2.4 Atmos. Pressure Correction (dB)	

Backup Battery Check:	4			
	1	2	3	4
Battery voltage with Load & Mains (13 to 14V at -10°C to 40°C):	13.24			
Battery voltage with load only, wait for 5 minutes before measuring (≥12V):	0.42			

## Existing Microphone Calibration

Acoustical Calibration:	Before Calibration	After Calibration
-------------------------	--------------------	-------------------

2.6 Expected Calibration Level (dB):	94
Sensitivity (mV/Pa):	30,61
Deviation from initial (dB):	-0,14
Deviation from last (dB):	-0,28

Calibrating Level (dB):	93,88
New Sensitivity (mV/Pa):	30,3
Deviation from last (dB):	-0,09
Deviation from initial (dB):	0,05

<b>CIC Calibration</b>	
CIC Reference Ratio (dB)	-36,7
CIC Ratio (dB)	-36,7
CIC Result	Passed

**2250 Replacement (New)**

2250 SNo:   
 2250 Type:  Cal Report No :

Lab Certificate Date:   
 Firmware Version:

**13. Microphone Replacement (New)**

Microphone Model:  SNo :

**Acoustical Calibration:**

<b>Before Calibration</b>	
Expected Calibration Level (dB):	<input type="text"/>
Sensitivity (mV/Pa):	<input type="text"/>
Deviation from initial (dB):	<input type="text"/>
Deviation from last (dB):	<input type="text"/>

<b>After Calibration</b>	
Calibrating Level (dB):	<input type="text"/>
New Sensitivity (mV/Pa):	<input type="text"/>
Deviation from last (dB):	<input type="text"/>
Deviation from initial (dB):	<input type="text"/>

<b>CIC Calibration:</b>	
CIC Reference Ratio (dB)	<input type="text"/>
CIC Ratio (dB)	<input type="text"/>
CIC Result	<input type="text"/>

**18. Weather Station**  SNo:

Confirm weather data:

**Barix Instreamer**

Confirm live data:

**19. Final Check Completed**

**Any Other Comments:**

Need to replace battery, as voltage is very low. Windshield replaced with new one.

Call EMS B&K Operation Centre (EMS OC) on 1-866-583 0280 or +61 3 9508 4930 to verify NMT operation