



# Civil Aeronautics Administration

## Aviation Safety Bulletin

ASB No: 102-059/M

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**Subject :** The inspection after hard landing shall be conducted based on FDR relevant parameter and AMM procedure.

### **Background :**

During a regular review of FDR parameter, a MD aircraft hard landing incident has been noted. After informed the maintenance engineer reviewed the AMM and considered, in case of no pilot report, the inspection scope limited to A-1 only. However, further reviewed by CAA inspector, the FDR relevant parameters were found beyond AMM limitation, and the inspection scope in AMM shall include A-2 as well as A-1.

The hard landing accident could cause damage to, include but not limit to, fuselage structure, landing gear assembly, wing structure, horizontal stabilizer structure, and nacelle. The insufficient inspection could leave the damage undetected and endanger the flight safety of aircraft. In order to maintain the integrity of airframe structure which undertake extreme load during hard landing, the inspection shall be conducted in a rigorous manner.

### **Recommendations :**

Operator shall ensure the all the necessary inspection scope, based on FDR relevant parameter and AMM, will be conducted to maintain the integrity of airframe structure and to eliminate the risk of flight safety.