

## JTSB Safety Recommendation to the FAA

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June 29, 2012

Aircraft Serious Incident – JA002D (McDonnell Douglas MD-90-30)  
Operated by Japan Airlines International  
Occurred at an altitude of about 5,500ft, about 11km west of Sendai Airport, Japan on Aug. 15, 2010

In view of the result of this serious incident investigation, the JTSB recommends that the Federal Aviation Administration of the United States of America urge the engine manufacturer to take the following measures:

In the serious incident, it is highly probable that the fatigue crack originating from the outer diameter of the No.4 Bearing Scavenge Tube progressed into the fracture, whereas the Tube is covered with the heat shield, making it impossible to have a direct inspection of the relevant spot during a regular maintenance work. Therefore, it is recommended that the manufacturer review the Tube design and overhaul inspection method thereof in order to prevent the recurrence of similar cases.