

**GOVERNMENT OF INDIA**  
**OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION**  
**AIR SAFETY DIRECTORATE**  
**AV15011/2/2010-AS**

**Air Safety Circular No. 5 of 2010**

**Subject: Management of Crew Fatigue during flight.**

Pilot's fatigue has been recognized as one of the serious safety hazards and contributory factors in accidents/serious incidents. Analyses of such incidents reveal that the operating crew were affected by micro sleep phenomenon. An Air Safety Circular 2 of 2009 was issued on the subject wherein it was suggested that following measures may be taken to avoid such incidents:

- Procedure be introduced wherein the cabin crew should interact with pilots at half an hour basis using intercom during the period when crew activity is low.
- Pilot be advised to keep area speaker on high volume during low activity period.

In order to ensure that the above actions are taken by the crew during the flight, some documentation is required to be maintained by the operator. All the operators henceforth should maintain log entries wherein it is confirmed that the cabin crew had interacted on intercom with the cockpit crew (PIC and Co-pilot alternatively) with a gap of not more than 30 minutes. Secondly, an entry that the area speaker was kept at high volume during low activity period may be added in the flight report.

The above is for strict compliance.



( R. P. Sahi )  
Jt. Director General Civil Aviation  
For Director General of Civil Aviation

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New Delhi

To,

Chief of Flight Safety/Operations, All Scheduled Airlines