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Department of Civil Aviation - Sri Lanka

Documentation Officer
Date 20/10/2010

AVIATION SAFETY NOTICE

01. Subject :- Procedure to be followed by pilot in command in the event of a suspected or actual tyre burst on takeoff.
02. Compliance :- MANDATORY
03. Status :- New
04. Issue No :- 02
05. Date of Issue :- 2001-02-13
06. Objective :-
- 1) To ensure the safety of the Aircraft after a tyre burst on takeoff.
 - 2) To issue instructions to the Pilot in command for strict compliance as follows.

IT IS MANDATORY THAT PILOT IN COMMAND LAND IN THE DEPARTURE AIRFIELD AS SOON AS PRACTICABLE IN THE EVENT OF A SUSPECTED / ACTUAL TYRE FAILURE OR ON BEING INFORMED BY THE CONTROL TOWER OF A SUSPECTED / ACTUAL TYRE FAILURE.

IN THE EVENT OF SUSPECTED / ACTUAL TYRE FAILURE PILOT IN COMMAND IS TO CONSIDER NOT RAISING THE UNDERCARRIAGE AFTER LIFTOFF AS PER STANDARD PROCEDURES IF PRACTICABLE.

THIS IS DUE TO THE POSSIBILITY OF NOT BEING ABLE TO LOWER THE GEAR SUBSEQUENTLY DUE TO SECONDARY DAMAGE TO THE UNDERCARRIAGE LOWERING MECHANISM.

PILOT IN COMMAND / AIRTRAFFIC CONTROLLER SHALL NOT BE HELD LIABLE IF SUSPECTED FAILURE IS PROVEN TO BE IN THE NEGATIVE.

7. Background :-

Recently an Airbus A340 suffered a tyre failure on takeoff. The Pilot in command informed the control tower of a suspected tyre burst after takeoff. There were no cockpit indications to confirm the event.

On a subsequent inspection aircraft skin parts, tyre pieces and debris of runway centre line light were found on the runway.

The Aircraft returned to the departure airfield after approximately 5 hours and 45 minutes of flight.

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Aviation Safety Notice

Inspection of Aircraft has shown that there was substantial damage to a tyre and a part of the area behind the centre gear wheel well was missing.

Secondary damage to the Aircraft due to high speed flight is a matter of serious concern at present.

The purpose of this ASN is to address this issue.

Presently investigations are under way to ascertain the sequence of events.

8. Recipients :-

- a. All Airline Operators licensed by DCA
- b. All licence holders from Department of Civil Aviation
- c. Subscribers

9. Effective Date :- with immediate effect

10. Validity Period :- Until further notice

11. Contact Person :-

For more details about this ASN please contact Mr.H.M.C.Nimalsiri, Assistant Director (Operations) (T'phone: -431324) at the Department of Civil Aviation

12. Availability :-

A copy of this document is available free of charge at the Communication Centre, Department of Civil Aviation, 64, Galle Road, Colombo 3. (e-mail : slgcca@slt.lk)

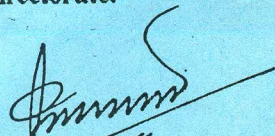
13. Checklist :- Not Applicable

14. Action required:-

- 1) Each operator is required to include appropriate provisions to give effect to the contents of this ASN in the Flight Operations Manual and confirm to Department of Civil Aviation in writing within seven working days.
- 2) For strict compliance by Pilot in command of all Sri Lanka registered aircraft and aircraft operated under wet-lease by local operators.

Comments

Comments (if any) on the contents of any ASN may be forwarded to the Contact Person. However the ASN will come into effect on the date shown in the ASN notwithstanding any objection or comment made by any party unless and until an amending ASN is issued by this Directorate.


Lal Liyanaarachchi,
Director - General of Civil Aviation.

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