



Civil Aeronautics Administration

Aviation Safety Bulletin

ASB NO: 91-026A/M

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Subject :

Overdue of Maintenance Tasks of D-check on B747-400

Background :

1. During self-audit, an operator found out that the performance of the periodical D-check of a B747-400 aircraft exceeded the 5-year time limit approved by CAA. Although the said D-check was performed immediately after its detection by self-audit, the operator failed to report the case to CAA through self-disclosure.
2. Review of causal factor: Based on the utilization rate of its aircraft in the past, the operator realized that the due date of the D-check controlled by flight hours normally became due earlier than that controlled by calendar days. Therefore, the controller only used computer to control the due date of flight hours and resulted in the overdue of the D-check.

Recommendation :

1. All operators shall make an across-the-board check of their computer systems used for controlling maintenance programs to ensure that there is a mechanism built in the computer system to simultaneously control the calendar days, flight hours, flight cycles, etc. to preclude the overdue of maintenance tasks that may be caused by human error in control.
2. All operators shall take advantage of the self-audit system to continuously monitor and faithfully implement their maintenance programs. If any violation is detected, the operator shall take immediate actions to review and rectify it. Meanwhile, the operator shall also report it voluntarily to CAA in a prompt manner to prevent the recurrence of similar case.