

SCHEDULED MAINTENANCE CREDIT DATA HEALTH MANAGEMENT AND TRACKING OF COMPLIANCE LEAD TIME REMAINING

ABSTRACT

Tracking a maintenance compliance window of opportunity is provided. The method comprises receiving an alert in response to an aircraft system exceeding an operational threshold or failing to transmit a report. A lead time countdown to a compliance deadline is started in prescribed units. Elapsed and remaining units, out of a total number of allotted units in the lead time, are calculated based on reports from sources defining an operating cycle of the aircraft system. The countdown is displayed in a user interface as a normalized sliding scale of elapsed percentage of total number of allotted units in the lead time. The remaining units out the total number of allotted units are also displayed in the user interface. The countdown is ceased in response to the first of: resolution of the alert or the countdown reaching the compliance deadline, wherein the lead time has completely elapsed.

Fig. 28