



BY TEXTRON AVIATION

Multi-Engine Turboprop Communiqué

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ATA 5 – Airframe maintenance manual part number 434-590169-0009 revision B4 update
B300/B300C

The detail inspection program in the King Air B300 Fusion airframe maintenance manual (AMM) part number 434-590169-0009 revision B4 has changes to the structure, content, and appearance, compared to the previous revision. However, the basic content of the first four details is very similar to revision B3. A detail inspection is completed every 200 hours or 24 months, until all four details have been completed by 800 hours or 48 months. The contents of details 1 thru 4 is largely unchanged, with only a few exceptions noted in the revision summary highlights section.

The special inspections have been reorganized into individual details by intervals, in addition to program changes noted below:

- Task numbers have been added to each inspection item
- The lubrication schedule line items are now contained in each detail based on interval
- Structural inspection and repair manual (SIRM) inspections now refer to the AMM or airframe limitations manual (ALM) for intervals
- A reorganizational change has occurred to chapter 5

The inspection program and associated pages in the AMM were reformatted for the following reasons:

- Align inspection intervals across the King Air product line where possible
- Improve workflow around the aircraft during maintenance
- Improve consistency within the manual as well as across the King Air product line
- Improve maintenance tracking capabilities by including a task number for each inspection item. This allows tracking by task number instead of title. Task numbers have been added to the detail inspection items, special inspection items and lubrication schedule items
- Textron Aviation received requests to add more information to each task
- Eliminate the potential for double billing in a dual-detail inspection by creating detail 5 and detail 6. Details 5 and 6 are to be used by operators completing a

dual-detail inspection. Detail 5 combines details 1 and 2 and removes duplicate inspections/lubrications. Detail 6 combines details 3 and 4 and removes duplicate inspections/lubrications

Key points regarding the revision B4 update:

1. The inspection program in the B300 Fusion AMM revision B4 is not a new inspection program; therefore, no bridging is required
 - a. The basic requirements (based on flight hours per 24 calendar month) have not changed, Details 1-4 (complete detail) are completed every 800 hours or 48 months, where a single detail inspection must occur at 200 hour or 24 months
 - b. Operators utilizing the dual detail inspection no longer complete inspections 1-2 (dual) at 24 months, and 3-4 (dual) at 48 months. Details 5 and 6 were created and combine the appropriate two details into a single inspection and removes duplicate items. Now operators utilizing the dual detail inspection complete detail 5 at 24 months and detail 6 at 48 months
2. All the previous “special inspections” are now contained in detail inspections based on interval starting at detail 8 and after
3. The revision summary highlights section should be reviewed to determine what changes have occurred, such as if a task moved to a new interval or is a new requirement all together
 - a. New requirements to the inspection programs have a 12-month grace period and are not required to be completed for 12 months after the date of revision
 - b. Inspections that have moved from one interval to another are not considered a “new requirement” and are due at the listed interval

Note: The scheduled release of revision B4 is projected to be February 24th, 2022. A live webinar with a question-and-answer section will occur on February 25th.

All King Air manuals will be reorganized into this same format. The Fusion maintenance manuals are scheduled to be reorganized first, followed by the Proline 21 manuals, and then the Pre-Proline 21 manuals.

For questions, please contact:

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