



Engineered Products

340 E Germann Road, Suite 113 • Gilbert AZ 85297-0614 • USA

ICA

Revision: IR

Issued: 11/9/2021

**T-3002 Instructions For Continued Airworthiness**

|  |   |
|--|---|
| <b>Subject:</b>                                  | Airworthiness Limitations   |
| <b>Part Number:</b>                              | E350A33-1526-00   |
| <b>Installations:</b>                            | Airbus Helicopters AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP   |
| <b>Revision History:</b>                         | DECO 598: IR – 11/9/2021 Initial Release  |
| <b>Reason:</b>                                   | This document sets forth the FAA-approved mandatory replacement times for the life-limited parts listed and instructions for continued airworthiness (ICA) herein.  |
| <b>Description:</b>                              | The schedule below summarizes the airworthiness limitations of the parts/articles shown. The airworthiness life shown in Table 1 is the maximum time these parts/articles may remain in service. They must be removed from service before the airworthiness life is exceeded.   |
| <b>Applicability:</b>                            | See Table 1.  |
| <b>FAA Approval:</b>                             | <p>Approved By: _____<br/> Manager, Airframe Section<br/> Federal Aviation Administration<br/> Los Angeles ACO Branch</p> <p>Date of Approval: <u>March 11, 2022</u></p>  |
| <b>Airworthiness Limitation:</b>                 | <p>The airworthiness limitations applicable to EXTEX parts/articles have been substantiated through test to be the same as those of the Type Certificate Holders (TCH) parts/articles. The airworthiness limitations are listed in Table 1.</p> <p><u>Airworthiness Limitation Schedule</u><br/> The Airworthiness limitations section is FAA approved and specifies maintenance required under CFR 14 part 43.16 and 14 CFR part 91.403 of the Federal Aviation Regulations, unless an alternative program has been FAA approved.</p> <p>The airworthiness life or inspection interval for any part/article contained in this schedule applies to all successive dash numbers for that component unless it is otherwise specified.</p> |
| <b>Instructions for Continued Airworthiness:</b> | <p>As a part of the FAA approval process, EXTEX demonstrates that the TCH ICA are applicable to EXTEX replacement articles.</p> <p>Airbus Helicopters maintenance instructions (See Table 2, Table 3, Table 4 and Table 5) are applicable in all respects except EXTEX part numbers are not included in Airbus Helicopters manuals.</p> <p>All work must be performed at a FAA approved repair facility.</p> <p>Refer to the TCH ICA for any additional requirements.</p>   |
| <b>Notes:</b>                                    | Return parts that have attained their maximum airworthiness life to EXTEX. Please contact your EXTEX representative with any questions.   |



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Table 1: Airworthiness Limitation Schedule

| Nomenclature      | Part Number    | Airworthiness Life (Hours) | Application  | Mandatory Inspection Interval (Hours) |
|-------------------|----------------|----------------------------|--|---------------------------------------|
| TGB Control Lever | 350A33-1526-00 | 20,000                     | AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP | 3,000                                 |

Table 2: Airworthiness Limitations Manuals, Airbus Helicopters AS350

| Model   | Title  | Date       | Document Number |
|---------|--|------------|-----------------|
| AS350B  | Maintenance Program: Airworthiness Limitations (ALS) | 01/26/2009 | 05-99-00        |
| AS350B1 | Maintenance Program: Airworthiness Limitations       | 01/26/2009 | 05-99-00        |
| AS350B2 | Maintenance Program: Airworthiness Limitations       | 01/26/2009 | 05-99-00        |
| AS350B3 | Airworthiness Limitations (ALS)                      | 11/19/2015 | 04-10-00        |
| AS350BA | Maintenance Program: Airworthiness Limitations       | 01/26/2009 | 05-99-00        |
| AS350C  | Maintenance Program: Airworthiness Limitations       | *          | See AS350D ALS  |
| AS350D  | Maintenance Program: Airworthiness Limitations       | 01/26/2009 | 05-99-00        |
| AS350D1 | Airworthiness Limitations                            | *          | See AS350D ALS  |

Note:

1. Model AS350C and AS350D1 type-certificated in the United States.
2. Model AS350C same as AS350D except for engine.
3. Model AS350D1 same as AS350D except for max certificated empty weight.

Table 3: Airworthiness Limitations Manuals, Airbus Helicopters AS355

| Model   | Title                     | Date       | Document Number |
|---------|---------------------------|------------|-----------------|
| AS355E  | Airworthiness Limitations | 09/14/2020 | 4-10-00         |
| AS355F  | Airworthiness Limitations | 09/14/2020 | 4-10-00         |
| AS355F1 | Airworthiness Limitations | 09/14/2020 | 4-10-00         |
| AS355F2 | Airworthiness Limitations | 09/19/2016 | 04-10-00        |
| AS355N  | Airworthiness Limitations | 09/19/2016 | 04-10-00        |
| AS355NP | Airworthiness Limitations | 09/19/2016 | 04-10-00        |

Note:

1. Model AS355E same as AS355F except for max weight and dual hydraulic system
2. Model AS355F1 same as AS355F2 except for max weight, external load max weight, yaw compensation, system, etc.
3. Model AS355N and AS355F major difference is the engine.
4. Model AS355NP and AS355N major difference is the engine, engine monitoring system, electric oil cooling fan, and main gear box.



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Table 4: Maintenance Instructions Manuals, AS350

| Title  | Document Number |
|--|-----------------|
| AS350B3 Maintenance Program                      | 05.10.00.001    |
| AS350B Maintenance Program                       | 05.10.00.65B    |
| AS350 Maintenance Manual                         | 65.20.00.401    |
| AS350 Maintenance Manual                         | 65.20.00.601    |
| AS350 Mechanical Repair Manual: Tail Rotor (MRM) | 65.20.00.708    |
| AS350 Mechanical Repair Manual: Tail Rotor (MRM) | 65.20.00.730    |

Table 5: Master Servicing Manuals, AS355

| Title                          | Document Number |
|--------------------------------|-----------------|
| AS355E Master Servicing Manual | 05-25-00        |
| AS355F Master Servicing Manual | 05-25-00        |