

Airworthiness Directive

AD No.: 2020-0047
Issued: 04 March 2020

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

SUKHOI CIVIL AIRCRAFT, JSC

Type/Model designation(s):

RRJ-95B aeroplanes

Effective Date: 18 March 2020

TCDS Number(s): EASA.IM.A.176

Foreign AD: None

Supersedure: This AD supersedes EASA AD 2017-0126-E dated 21 July 2017 and EASA AD 2018-0020 dated 26 January 2018.

ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitations Section – Amendment

Manufacturer(s):

Sukhoi Civil Aircraft (Sukhoi), Joint Stock Company (JSC)

Applicability:

RRJ-95B aeroplanes, all serial numbers.

Definitions:

For the purpose of this AD, the following definitions apply:

The ALS: Sukhoi RRJ-95B Maintenance Manual (MM) M7.92.0AMM.004.000.EN, Chapter 04 Airworthiness Limitations Section (ALS), Issue 01, Revision 03.

The AMP: The approved Aircraft Maintenance Programme (AMP) on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane. For RRJ-95B aeroplanes operated under EU regulations, compliance with the approved AMP is required by Commission Regulation (EU) [1321/2014](#), Part M.A.301, paragraph 3.

New and/or more restrictive tasks: This includes all tasks that are new and all tasks for which a threshold or interval was reduced, which were introduced into the ALS (as defined in this AD) since the previous ALS Revision that is currently incorporated in the AMP.

Reason:

The airworthiness limitations for the Sukhoi RRJ-95B aeroplanes, which are approved by EASA, are currently defined and published in the Sukhoi RRJ-95B ALS document. These instructions have been identified as mandatory for continued airworthiness.

Failure to accomplish these instructions could result in an unsafe condition.

EASA previously issued Emergency AD 2017-0126-E to require repetitive special detailed inspections (SDI) – borescope inspection method – of the horizontal stabilizer rear spar web cut-out between ribs 0-1 and 1-2.

After that AD was issued, Sukhoi issued Service Bulletin (SB) RRJ-55-00373-BD, providing instructions to reinforce of the structure of the horizontal stabilizer rear spar, the embodiment of which eliminated the need of the SDI as required by EASA AD 2017-0126-E.

In addition, EASA previously issued AD 2018-0020 to require the actions as specified in Sukhoi RRJ-95B MM M7.92.0AMM.004.000.EN, Chapter 04, Issue 01, Revision 02.

Since AD 2018-0020 was issued, EASA approved the ALS, which incorporates, among others, an SDI task applicable to aeroplanes in pre-SB RRJ-55-00373-BD configuration, as required by AD 2017-0126-E, and a detailed inspection task applicable to aeroplanes in post-SB RRJ-55-00373-BD configuration.

For the reason described above, this AD supersedes EASA AD 2017-0126-E, retains the requirements of EASA AD 2018-0020, which is superseded, and requires accomplishment of the actions specified in the ALS, as defined in this AD.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Maintenance Tasks and Replacement of Life Limited Parts:

(1) From the effective date of this AD, accomplish the following actions, as specified in the ALS, as applicable, depending on aeroplane configuration:

(1.1) Replace each component before exceeding the applicable life limit, and

(1.2) Within the thresholds and intervals, accomplish all applicable maintenance tasks.

Corrective Action(s):

(2) In case of finding discrepancies during accomplishment of any task as required by paragraph (1) of this AD, before next flight, accomplish the applicable corrective action(s) in accordance with the applicable Sukhoi maintenance documentation. If a detected discrepancy cannot be



corrected by using existing Sukhoi instructions, before next flight, contact Sukhoi for EASA approved instructions and accomplish those instructions accordingly.

AMP Revision:

- (3) Within 12 months after the effective date of this AD, revise the approved AMP by incorporating the limitations, tasks and associated thresholds and intervals described in the ALS, as applicable, depending on aeroplane configuration.

Credit:

- (4) If, before the effective date of this AD, the AMP has been revised to incorporate the maintenance tasks and life limitations as specified in the previous ALS revision, that action ensures the continued accomplishment of those tasks and limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive tasks and limitations as specified in the ALS, as applicable, depending on aeroplane configuration, within the compliance times as specified in the ALS to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and/or more restrictive tasks and limitations as specified in the ALS, as applicable, depending on aeroplane configuration, into the AMP to comply with paragraph (3) of this AD.

Recording AD compliance:

- (5) When the AMP of an aeroplane has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures continued accomplishment of the tasks as required by paragraphs (1) and (2) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual action is recorded for demonstration of AD compliance on a continued basis.

Ref. Publications:

Sukhoi RRR-95B Maintenance Manual (MM) M7.92.0AMM.004.000.EN, Chapter 04, Issue 01, Revision 03 dated 09 April 2018.

The use of later approved issues or revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 04 February 2020 as PAD 20-024 for consultation until 03 March 2020. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.



4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: JSC Sukhoi Civil Aircraft, Polikarpova str. 23B, Moscow, Russia, 125284, Telephone: +7 (495) 727 19 88, Email: airworthiness@scac.ru.

Superseded

