



RUSSIAN FEDERATION  
MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION  
FEDERAL AIR TRANSPORTATION AGENCY

## AIRWORTHINESS DIRECTIVE

28 July 2020

No. 2020-FATA-01020A-11

Applicability - RRJ-95 aircraft

State of Manufacturer – Russian Federation

**The corrective actions prescribed by this Airworthiness Directive are mandatory. No persons may operate an aircraft to which this Airworthiness Directive applies, except in accordance with the requirements of this Airworthiness Directive.**

During maintenance of aircraft RRJ-95 fleet it was detected the damages of the bolts 8-28-II-OCT 1 31138-80 of the stabilizer setting mechanism (further – SSM) attach bracket. The possible root case of the mentioned bolt damages is a complex of factors: torque of high level of recommendations OCT 1 00017-89, wedge-shaped «attachment packet» in the current place of structure and hole preparation perpendicularity performed at production line.

On the mentioned basis and in order to ensure continued airworthiness

### IT IS PROPOSED:

1. At nearest periodic maintenance with minimum multiples: 750 FH and multiples to perform one-time inspection of the SSM attach bracket bolts iaw AMM Task 55-16-00-220-802 «Detailed Inspection of the SSM Attach Bracket and the Horizontal Stabilizer Front Spar» on aircraft RRJ-95 with operating cycles more than 1000 FC;
2. The results of completion the cl.1 of this Airworthiness Directive to be sent to the address of Situations operative center of PJSC Corporation IRKUT [customercare@ssj.irkut.com](mailto:customercare@ssj.irkut.com);
3. In case of discrepancies absence during performing action related to cl.1 of the current Airworthiness Directive to continue the aircraft RRJ-95 operation with further periodic inspection of the SSM attach bracket bolts iaw AMM Task 55-16-00-220-802 «Detailed Inspection of the SSM Attach Bracket and the Horizontal Stabilizer Front Spar» with interval 750 FH/500FC (what comes first).
4. In case of discrepancies detection during performing action related to cl.1 of the current Airworthiness Directive the relevant aircraft RRJ-95 operation has to be stopped till Type Certificate Holder recommendation carrying out.

5. The current Airworthiness Directive comes to force since the date of issuing and will take an action till Service Bulletin RRJ-55-00489-BD incorporation.

Attachment: Technical Decision No. RRJ0000-OR-470-4701 on 2 pages.

Deputy Director  
**Federal Air Transportation Agency**  
**A.A. Novgorodov**



**Not Adopted**

**APPROVED**Chief Designer of SSJ program  
PJSC Corporation IRKUT

V. Lavrov

« 22 » / 07 2020

**TECHNICAL DECISION RRJ0000-OR-470-4701**

on RRJ-95 continued airworthiness in connection with necessity of bolts 8-28-И-ОCT 1 31138-80 of the stabilizer setting mechanism (further – SSM) attach bracket inspection

During maintenance of aircraft RRJ-95 fleet it was detected the damages of the bolts 8-28-И-ОCT 1 31138-80 of the stabilizer setting mechanism (further – SSM) attach bracket. The possible root cause of the mentioned bolt damages are assembly stresses, due to a design flaw: on the damaged bolts there is a wedge-shaped gap between the fasteners and the surfaces of the mating parts.

In connection with what and in order to ensure continued airworthiness of aircraft RRJ-95 proposed next

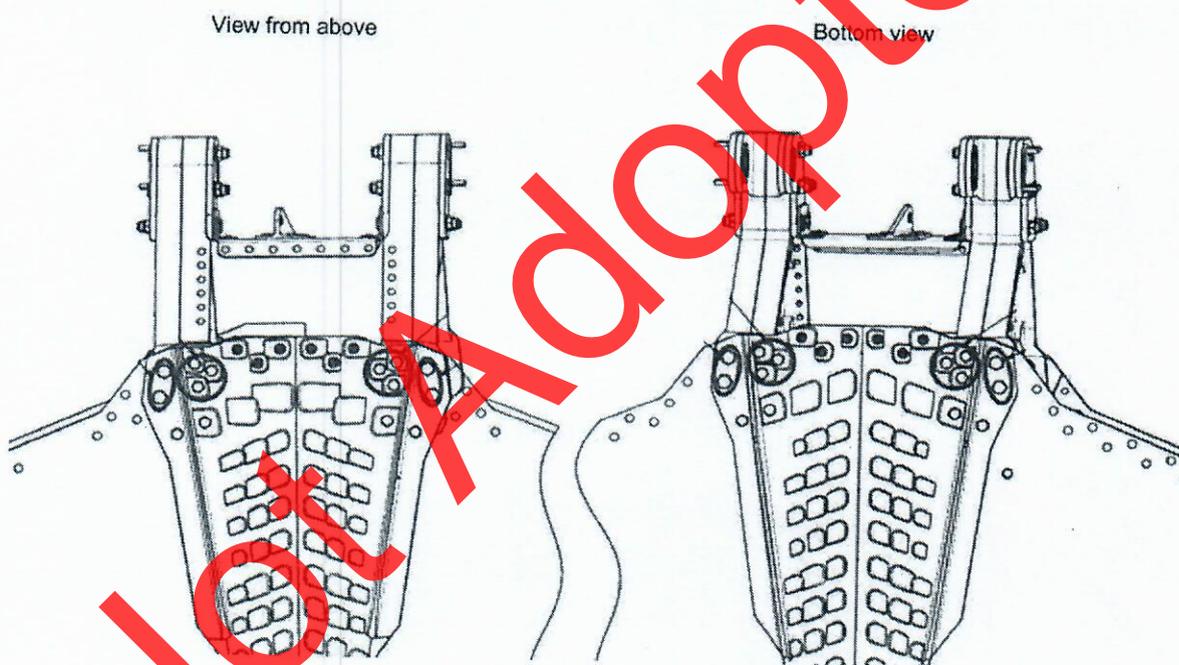
**DECISION:**

1. At nearest periodic maintenance with minimum multiples: 750 FH and multiples to perform one-time inspection of the SSM attach bracket bolts iaw AMM Task 55-16-00-220-802 «Detailed Inspection of the SSM Attach Bracket and the Horizontal Stabilizer Front Spar» on aircraft RRJ-95 with operating cycles more than 1000 FC (See Pic.1);
2. The results of completion the cl.1 of this Airworthiness Directive to be sent to the address of Situations operative center of PJSC Corporation IRKUT [customercare@ssj.irkut.com](mailto:customercare@ssj.irkut.com);
3. In case of discrepancies absence during performing action related to cl.1 of the current Airworthiness Directive to continue the aircraft RRJ-95 operation with further periodic inspection of the SSM attach bracket bolts iaw AMM Task 55-

**RRJ0000-OR-470-4701**

16-00-220-802 «Detailed Inspection of the SSM Attach Bracket and the Horizontal Stabilizer Front Spar» with interval 750 FH/500FC (what comes first);

4. In case of discrepancies detection during performing action related to cl.1 to follow iaw Type Certificate Holder recommendations.
5. To guide by requirements of current Technical Decision till Technical Documentation Revision or other aircraft RRJ-95 Type Certificate Holder notification.



Pic.1

RRJ0000-OR-470-4701