

SUBJECT: Configuring the Aircraft With Less Than Five Seats

Aircraft Type: Eclipse 500

Effectivity: All Aircraft

Applicability: Passenger Seats

1. SUMMARY

This SIL provides guidance on the steps an operator should perform to configure an Eclipse with less than five seats.

2. BACKGROUND

Eclipse engineering received a request at the 2013 Eclipse Customer Event to provide guidance on configuring the aircraft for less than five seats. This SIL is a response to that request.

3. ECLIPSE ACTION

ECLIPSE is providing this SIL to clarify the process of configuring the aircraft with less than five seats.

4. SUGGESTED OPERATOR ACTION

Owner/operators should follow all applicable FAR, AFM, and AMM policies and procedures relating to record keeping and aircraft weight and balance.

5. CONFIGURING THE AIRCRAFT

A seat foot lock release tool, P/N 9000-2521275-001 will be required to unlock the seats from the seat track rail.

The MFD must have the desired seat configuration (see figure 1) loaded to configure the aircraft with less than five seats. The procedure to select and load alternate seating configurations is contained in AMM Task 31-40-00-051-801. Subtask 31-40-00-051-801-003 step B.(9) is the specific step where the seating configurations are selected.

NOTE: Loading EFIS data into the MFD per the above task does not meet the definition of a database update per 14 CFR Part 43.4 (k) because it is performed with special equipment, in this case, an Avio Maintenance Computer. The EFIS data load must be performed by a person authorized to perform aircraft maintenance per 14 CFR Part 43.3

Steps to configure the aircraft less than five seats:

1. Remove the appropriate number of passenger seats per AMM-25-21-10-001-801, Passenger Seat – Removal.
2. Select the matching seat configuration on the MFD weight and balance page.
3. Update the aircraft's AFM weight and balance record using the weights of the removed seats and the empty weight values displayed on the MFD weight and balance page as a guide.
4. Make an aircraft maintenance record entry per 14 CFR Part 43.9 describing the work performed.

Additional Information:

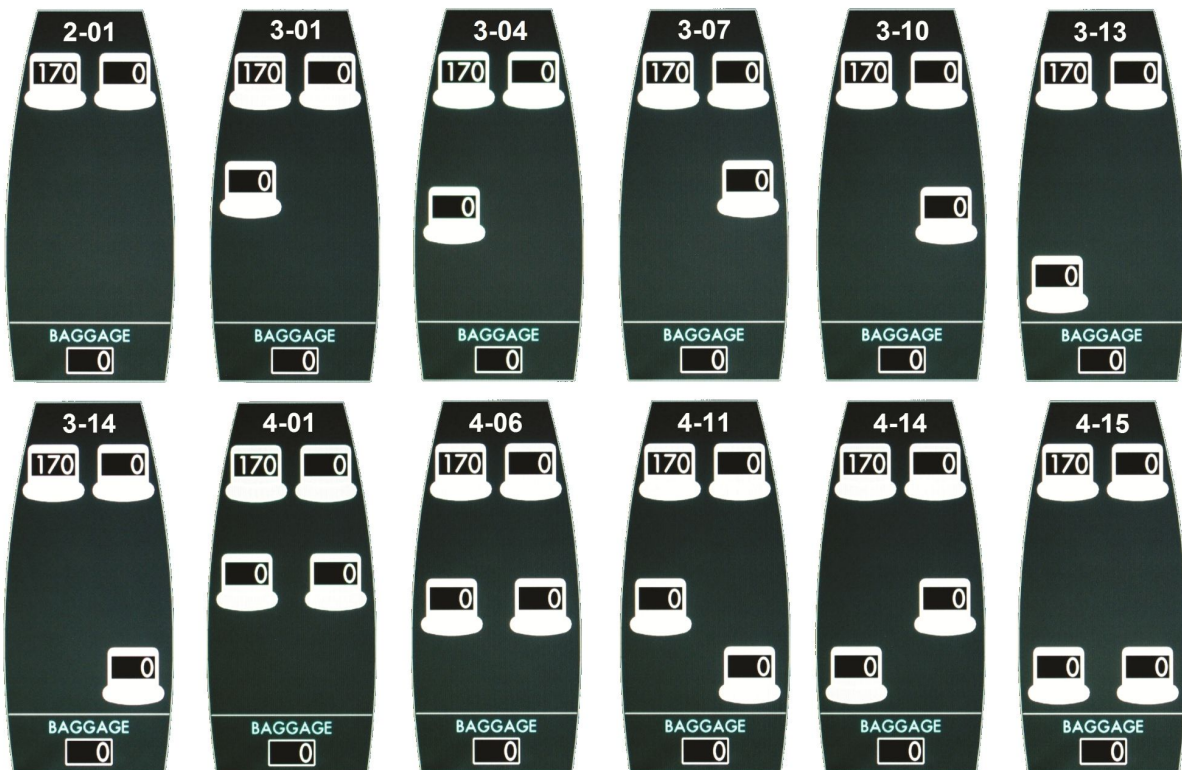
- Seat foot release cable P/N 2023-2521285-007.
- Seat foot release wave spring P/N CS050-M9-S17.

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Replacing seats or seat parts with replacement parts approved for the aircraft, not involving disassembly of any primary structure or operating system is defined as preventive maintenance by 14 CFR Part 43 Appendix A paragraph (c)(15). Per 14 CFR Part 43.3 paragraph (g) the holder of a pilot certificate issued under part 61 may perform preventive maintenance on any aircraft owned or operated by that pilot which is not used under part 121, 129, or 135 of the chapter provided that work does not involve complex assembly operations.

NOTE: An aircraft maintenance record entry must be made per 14 CFR Part 43.9 describing the work performed if any seats or seat parts are replaced.

THE OPERATORS LOCAL FAA FSDO OFFICE IS THE FINAL DETERMINER OF THE DEFINITION OF "COMPLEX OPERATION". ANY CONCERNS REGARDING THIS SHOULD BE ADDRESSED BY THE LOCAL FAA AUTHORITIES.



**Available Two, Three, and Four Seat MFD Configurations
Figure 1 (Sheet 1 of 1)**

NOTE: SIL's are not Service Bulletins. SIL's are provided for information/communication purposes only.

6. EXPORT CONTROL

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