

Introduction to the Updated Form 8110-3

March 24, 2022

Purpose. The purpose of this document is to provide an introduction to the updated Form 8110-3 that will be become effective when we transition to the Designee Management System (DMS) IT tool.

Background. Designee Management System (DMS) includes a web based IT tool that will give the FAA greater capability to obtain data about its individual designees. DMS will be the system of record for all AVS individual designees after deployment so it is important that that the 8110-3 be included as part of the DER development effort. In order to take advantage of the greater capabilities provided by DMS and to be able to mine data from the form effectively, it was determined that the form would need to be programmed into the system, not just be an uploaded attachment. The form 8110-3 has not been substantially updated for decades and any updates after DMS development was complete would be time consuming and expensive. This updated form will be introduced when DMS for DERs is deployed.

Using the Updated Form. All DERs will be required to use the updated form once they have been transitioned to DMS. The updated form outside of DMS is designed so that it can be used by DERs who have not transitioned to DMS or who have the need to prepare the form outside DMS and then upload it into DMS. The form was changed to compatible for future use by ODA unit members but they have not yet been directed to do so.

Description of the Changes: The updated form looks very similar to the current version. The following describes the differences and the rationale for making the changes.

1. Title Change. The title of the form was changed from “Statement of Compliance with Airworthiness Standards” to “Determination of Compliance with Airworthiness Standards”. This reflects what the DER/ODA UM is doing – determining compliance, and eliminates confusion with the applicant statements of compliance (e.g. 21.20).

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS	1. PROJECT NO. (If applicable)
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2. Date and Project Number. The date has moved to the signature block and captures the project number in the top right field instead
3. Purpose of Data Block. In order to standardize the use of the form and readily understand the purpose, we will capture the project type in the purpose of data block item 6:
The “In Support of” requires the selection of project or activity type, if “Other” is chosen, a description is required.

The “Project Specific Information” section requires a short description of the project. E.g. “Big Air X101 Type Certification, or “STC for X101 Interior Reconfiguration”, or, Repair of X101 wing spar, or Major alteration to install audio panel in X101, or “Test and computation PMA for fuel selector valve on X101”.

The “Purpose of Submittal” section requires a short description of what the 8110-3 is approving e.g. “approval of interior closet design data for conformity purposes”, or “approval of flight test report for autopilot installation”, or “PMA identity finding” etc.

6. PURPOSE OF DATA	
6. IN SUPPORT OF:	<input type="checkbox"/> TC/ATC <input type="checkbox"/> STC <input type="checkbox"/> PMA <input type="checkbox"/> Major Repair <input type="checkbox"/> Major Alteration <input type="checkbox"/> Other (Explain)
PROJECT SPECIFIC INFORMATION:	
PURPOSE OF SUBMITTAL:	

- The former “Certification” Block has been renamed “FAA Designee Approval” approval. The certification block with the approval notes has long been inaccurate. The title of the block has been updated to reflect approval/compliance determination and the check box verbiage is updated to more accurately reflect what the designee is doing on behalf of the FAA.

Old form:

<p>CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR part 183, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.</p> <p style="text-align: center;"><input type="checkbox"/> Recommend approval of these data</p> <p>I (We) Therefore <input type="checkbox"/> Approve these data</p>
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New Form:

<p>10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered _____, have been examined in accordance with established procedures. I therefore</p> <p><input type="checkbox"/> APPROVE the data above <input type="checkbox"/> RECOMMEND APPROVAL of the data above</p> <p>FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals <input type="checkbox"/> ARE REQUIRED <input type="checkbox"/> ARE NOT REQUIRED</p> <p>EXPLAIN :</p> <p><input type="checkbox"/> MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)</p>

- Repair and Alteration Statement (lower half of block 10 above). Current policy requires some notes in the list of data section for repair and alteration data approvals. This takes the place of one of those notes that’s required for repairs and alterations and provides for an explanation of what remains to be approved. It also documents required contact with the managing office when DER is outside the country and/or critical or life limited parts are involved

6. The new form is worded so that it could be used by ODA unit members in the future if the FAA issues policy directing that.

Other changes include relocation of the date block down to the signature section, removal of the ability of more than one designee to sign the form, a box added to allow for the designees name to be printed, and a better description of the type of data that is being approved in the List of Data section.

11. DER/ODA NUMBER	12. PRINTED NAME	
13. TECHNICAL DISCIPLINE	14. SIGNATURE	16. DATE

7. Provide for FAA Use. In 2009, the AVS Repair, Alteration and Fabrication Team under recommendation #14 suggested that the FAA standardize the way the FAA documented its approval of data. By adding a section, we allow the FAA to use the form for documenting data we approve. Currently there is no requirement for FAA to use this form, but this change would align the form with other FAA forms used by both the FAA as well as designees.

FAA APPROVAL/FINDING OF COMPLIANCE (For FAA use when authorized signature above is for recommend approval only, or when data approval is reserved for the FAA)	
17. PRINTED NAME/FAA OFFICE	18. TECHNICAL DISCIPLINE
19. SIGNATURE	20. DATE

Updated Form 8110-3

1. Changed Title to avoid confusion with 21.20

2. Project No. replaces date

3. Added selection of Project Types, Project info and purpose

4. Reworded Certification Statement to reflect approval
5. Added Repair and Alteration Statement

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO. (If applicable)
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION		
2. MAKE	3. MODEL NO.	4. TYPE (Aircraft, Engine, Propeller, Actuator etc.)
5. NAME OF APPLICANT		
PURPOSE OF DATA		
6. IN SUPPORT OF: <input type="checkbox"/> TC/ATC <input type="checkbox"/> STC <input type="checkbox"/> PMA <input type="checkbox"/> Major Repair <input type="checkbox"/> Major Alteration <input type="checkbox"/> Other (Explain)		
PROJECT SPECIFIC INFORMATION: PURPOSE OF SUBMITTAL:		
LIST OF DATA		
List the data <i>for this submittal</i> including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.		
7. IDENTIFICATION	8. TITLE OF DATA	
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels)		

10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered _____, have been examined in accordance with established procedures. I therefore

APPROVE the data above RECOMMEND APPROVAL of the data above

FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ARE REQUIRED ARE NOT REQUIRED
EXPLAIN :

MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)

11. DER/ODA NUMBER		12. PRINTED NAME	
13. TECHNICAL DISCIPLINE		14. SIGNATURE	16. DATE
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)			
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE	
19. SIGNATURE		20. DATE	

6. Combine 8110-3 and 8100-9 forms

7. Added FAA Approval Block