**SUPPLEMENTAL INFORMATION**

**DER-STRUCTURAL ENGINEERING**

March 2022

This document must be used to provide supplemental information to support eligibility and qualifications for appointment as a FAA Designated Engineering Representative (DER) – Structural.

Describe your experience that pertains to qualifications for a DER-Structural appointment. Please be detailed in your responses in order to support your application. When seeking authority for multiple FAR parts, ensure that your responses account for the authority in each.

Refer to FAA Order 8000.95 Designee Management System, Volume 9 for specific requirements. You may attach additional pages and refer to them as necessary verses including all explanations in the provided boxes. For example, you may attach a resume’ that describes your work and education history and make reference to the attached resume’ from the appropriate boxes.

You can access the header of the next page with a double mouse click in the header area. Enter your name and date there and it will populate that information on each subsequent page.

Return to the body of the document by double mouse click in the body.**Common Information**

1. Do you have the basic engineering knowledge appropriate to the designation being sought, as demonstrated by 8 years of progressively responsible engineering experience? (See below.) **[ ]** Yes **[ ]** No

Note: An engineering degree may be substituted for up to 4 years of maximum credit.

Note: If no engineering degree, you may substitute 40 credit hours of successfully completed course work in engineering or related curriculum for 1 year of experience, up to 4 years of maximum credit.

1. Please provide three verifiable character references to substantiate that you possess integrity and sound judgement.

Name/phone/email

#1

#2

#3

1. Please provide three verifiable technical references to substantiate that you possess the required technical expertise for the areas of delegation being sought. (These may be the same individuals used for your character references.)

Name/phone/email

#1

#2

#3

1. Do you have significant experience in a direct working relationship with the FAA? **[ ]** Yes **[ ]** No
Describe your significant experience in a direct working relationship with the FAA office in which you are seeking appointment? (Your experience must be related to the processing of engineering data pertaining to FAA approval of the type in which you are seeking appointment. Your range of activities in obtaining FAA approvals must be adequate to enable the FAA to determine that you are cognizant of the technical and procedural requirements involved in obtaining such approvals and that you are well-versed in all pertinent regulations.)

Response:

1. If applying as a company DER, do you report to a level of management that enables you to administer approvals without undue pressure or influence?**[ ]** Yes **[ ]** No **[ ]  N/A**

Describe what level of company management you report to and how that is sufficient to enable you to administer the pertinent regulations effectively without undue pressure or influence on behalf of the FAA.

Response:

1. Do you have knowledge of regulatory requirements and problems related to civil aircraft approvals? **[ ]** Yes **[ ]** No
Describe your knowledge of regulatory requirements and problems related to civil aircraft approvals, and how you gained this knowledge.

Response:

1. Describe your direct experience in the general certification process.

Response:

1. Do you have a thorough working knowledge of the specific 14 CFR parts and predecessor regulations for which the designation is requested? **[ ]** Yes **[ ]** No

If yes, please describe how you acquired your knowledge.

Response:

1. Have you been in a responsible position in connection with the type of work for which designation sought? **[ ]** Yes **[ ]** No

If yes, please describe.

Response:

1. Are you cognizant of related technical requirements and problems related to civil aircraft approval? **[ ]** Yes **[ ]** No

If yes, please describe how you acquired your knowledge.

Response:

1. Have you completed the DER Initial Training? **[ ]** Yes **[ ]** No

(If yes, attach certificate of completion)

**Discipline Specific Technical Information**

1. Are you requesting a delegation function of damage tolerance evaluation? **[ ]** Yes **[ ]** No

 If yes,

* 1. Do you have a degree in one of the following:
		1. Engineering mechanics **[ ]** Yes **[ ]** No
		2. Aerospace/Aeronautical engineering **[ ]** Yes **[ ]** No
		3. Mechanical engineering **[ ]** Yes **[ ]** No
		4. Civil engineering **[ ]** Yes **[ ]** No
	2. Do you have the equivalent of two (2) full years of experience in damage tolerance analysis within the last 10 years? **[ ]** Yes **[ ]** No

Please describe your damage tolerance analysis experience.

Response:

1. Are you requesting delegated functions of fatigue analysis? **[ ]** Yes **[ ]** No If yes,
2. Do you have a degree in one of the following:
	* 1. Engineering mechanics **[ ]** Yes **[ ]** No
		2. Aerospace/Aeronautical engineering **[ ]** Yes **[ ]** No
		3. Mechanical engineering **[ ]** Yes **[ ]** No
		4. Civil engineering **[ ]** Yes **[ ]** No
3. Do you have the equivalent of two (2) full years of experience in fatigue analysis within the last 10 years? **[ ]** Yes **[ ]** No

Please describe your fatigue analysis experience.

Response:

**Special Delegation Information**

A DER may be authorized to approve technical data under a special delegation. Please refer to FAA Order 8000.95 Volume 9, Section 2, and paragraph 5 for additional information.

1. Are you requesting a special delegation for Major Repair authority? **[ ]** Yes **[ ]** No

This special delegation requires specialized training prior to receiving this authority. Please refer to the information for DERs website. Have you completed this specialized training?

**[ ]** Yes **[ ]** No

(If yes, upload your completion certificate as part of your application)

If you are requesting major repair authority and you have completed the specialized training, please list your knowledge and experience appropriate for this special delegation and describe how it was obtained.

Response:

1. Are you requesting a special delegation for Major Alteration authority? **[ ]** Yes **[ ]** No

This special delegation requires specialized training prior to receiving this authority. Please refer to the information for DERs website. Have you completed this specialized training?

**[ ]** Yes **[ ]** No

(If yes, upload your completion certificate as part of your application)

If you are requesting major alteration authority and you have completed the specialized training, please list your knowledge and experience appropriate for this special delegation and describe how it was obtained.

Response:

1. Are you requesting a special delegation for Repair Specification Authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained. This special delegation has specific technical qualifications and experience requirements. Ensure that your response addresses these requirements. Reference FAA Order 8000.95 Volume 9, Chapter 2. Section 4, Paragraph (b)(6).

Response:

1. Are you requesting a special delegation for Parts Manufacturer Approval (PMA) authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response:

1. Are you requesting a special delegation for Alternative Method of Compliance (AMOC) authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response:

1. Are you requesting a special delegation for Service Documents authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response:

1. Are you requesting a special delegation for Project Management authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response:

1. Are you requesting a special delegation for Safety Analysis authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response:

1. Are you requesting a special delegation for Foreign Civil Aviation Authority (CAA) Compliance Findings authority? **[ ]** Yes **[ ]** No

If yes, please describe your knowledge in the application and interpretation of the specific foreign regulations you are requesting and how it was obtained.

Response:

1. Are you requesting a special delegation for 14 CFR Part 26 Compliance Findings authority? **[ ]** Yes **[ ]** No

If yes, please describe your significant experience appropriate to this special delegation and how it was obtained.

Response: