

# Certificate and Letter of Authority (CLOA)



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

1/14/2025

## **Designated Engineering Representative - Consultant (DER-T) Certificate and Letter of Authority**

Dear James Brooks,

James Brooks is authorized to exercise the privileges of a Designated Engineering Representative - Consultant (DER-T) with specific limitations cited herein. Your assigned designation number is 589772427. You are permitted to perform activities on behalf of the Federal Aviation Administration (FAA) in accordance with the authorizations defined on this Certificate Letter of Authority (CLOA).

This document is valid as of 1/14/2025. The authorizations indicated within this document are valid only as they correspond with the information contained in the Designee Management System (DMS). Please utilize DMS to verify current authorizations and limitations. Your authority expires on 7/31/2025.

The authorizations listed on this CLOA supersede any previously granted authorizations and are valid until surrendered, suspended, superseded, or upon termination of your designation. If this designation is tied to your employment with a specific organization, it is only valid with continued employment by that organization.

The authority that has been granted to you under this designation is a privilege, not a right, and may be terminated or revoked at any time for any reason deemed appropriate by the FAA Administrator.

If you choose to surrender your authorization, please use the option available within DMS.

Sincerely,  
Scott Hopper

## Official Letter of Authority as of 1/14/2025

### Designated Engineering Representative - Consultant (DER-T)

Designee Name: James Brooks  
Designation Location: Unknown, United States  
DMS Designee Number: 589772427  
Date of Designation: 7/27/2022  
Designation Expiration: 7/31/2025

### Authorization Details

Discipline : Powerplant Installation Engineering

FAR Part: 23

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxiliary Power Unit (APU)
<b>Authorized Delegations</b>					
Engine Installation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel & Oil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Induction/ Exhaust Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thrust Reversers	<input type="checkbox"/>	<input type="checkbox"/>			
Fire Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ice Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxiliary Power Unit (APU)
Cooling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indicating Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lightning/HIRF Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine Performance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine Operability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control System-Elec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control System-Mech	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Propeller Installation	<input type="checkbox"/>	<input type="checkbox"/>			
Drive System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emissions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vibrations - Engine Propeller, or Drive System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Transmissions			<input type="checkbox"/>	<input type="checkbox"/>	
Airborne Electronic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxillary Power Unit (APU)
Hardware					
Software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Authorized Delegations Limitations**

Authorized Limitations/Notes	<input checked="" type="checkbox"/>	
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Authorized Limitations/Notes *	Piston Engine Installation and fuel and oil are limited to PMA by Test and Computations and Identicality without licensing agreement. Turbine engine Induction/Exhaust systems is limited to 23.1091(a)	
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**Special Delegations**

Service Documents	<input type="checkbox"/>	
Project Management	<input type="checkbox"/>	
Safety Analysis	<input type="checkbox"/>	
Major Repairs	<input checked="" type="checkbox"/>	
Major Alterations	<input type="checkbox"/>	
Repair Specification	<input checked="" type="checkbox"/>	

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxillary Power Unit (APU)
FCAA Compliance Findings	<input type="checkbox"/>				
PMA Identicality	<input checked="" type="checkbox"/>				
Other	<input type="checkbox"/>				
<b>Special Delegations Limitations</b>					
Special Limitations/Notes	<input checked="" type="checkbox"/>				
Special Limitations/Notes *	Repair Specifications are limited to Airplane turbine engine for articles which are not life limited.				

FAR Part: 25

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxillary Power Unit (APU)
<b>Authorized Delegations</b>					
Engine Installation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxiliary Power Unit (APU)
Fuel & Oil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Induction/ Exhaust Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thrust Reversers	<input type="checkbox"/>	<input type="checkbox"/>			
Fire Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ice Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cooling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indicating Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lightning/HIRF Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine Performance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine Operability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control System-Elec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control System-Mech	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxillary Power Unit (APU)
Propeller Installation	<input type="checkbox"/>	<input type="checkbox"/>			
Drive System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emissions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vibrations - Engine Propeller, or Drive System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Transmissions			<input type="checkbox"/>	<input type="checkbox"/>	
Airborne Electronic Hardware	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Authorized Delegations Limitations**

Authorized Limitations/ Notes	<input checked="" type="checkbox"/>	
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Authorized Limitations/ Notes \*

Turbine Engine Installation, Piston Engine Installation, and Piston Engine fuel and oil are limited to PMA by Test and Computations and Identity without licensing agreement. Turbine Engine Fuel and Oil delegations are limited to 25.951, 25.952, 25.955, 25.957, 25.959, 25.961, 25.963, 25.965, 25.969, 25.979, 25.991, 25.993, 25.994, 25.997, 25.1001. Authorization for fuel tank flammability reduction

Area of Expertise	Airplane Turbine Engine	Airplane Piston Engine	Rotorcraft Turbine Engine	Rotorcraft Piston Engine	Auxillary Power Unit (APU)
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means is limited to 25.981(c) and the part 25 fuel and oil regulations effected by fuel tank flammability reduction means.

### Special Delegations

Service Documents	<input type="checkbox"/>
Project Management	<input type="checkbox"/>
Safety Analysis	<input type="checkbox"/>
Major Repairs	<input checked="" type="checkbox"/>
Major Alterations	<input type="checkbox"/>
Repair Specification	<input checked="" type="checkbox"/>
FCAA Compliance Findings	<input type="checkbox"/>
PMA Identity	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

### Special Delegations Limitations

Special	<input checked="" type="checkbox"/>
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<b>Area of Expertise</b>	<b>Airplane Turbine Engine</b>	<b>Airplane Piston Engine</b>	<b>Rotorcraft Turbine Engine</b>	<b>Rotorcraft Piston Engine</b>	<b>Auxillary Power Unit (APU)</b>
Limitations/ Notes					
Special Limitations/ Notes *	Repair Specifications are limited to Airplane turbine engine for articles which are not life limited.				



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Administration**

## Certificate of Designation

*Reposing special trust and confidence in the integrity, diligence, and discretion of*

**James Brooks**

*who has been found to have the necessary knowledge, skill, experience, interest, and impartial judgment to merit special public responsibility, I hereby designate as*

**Designated Engineering Representative - Consultant  
(DER-T)**

*with authorization to act in accordance with the regulations and procedures prescribed by the Federal Aviation Administration relating to this designation.*

Issued by	DMS Designee#	By Direction of the Administrator	Dated
East Certification Branch	589772427	Scott Hopper	7/27/2022

This document is current only at the time of printing. The Designee Management System (DMS) is the official record regarding designee privileges.

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