

REPUBLIC OF INDONESIA  
MINISTRY OF TRANSPORTATION  
DIRECTORATE GENERAL OF CIVIL AVIATION

*Certificate of Approval*

Number :145F - 1086

This certificate is issued to : MINGO AEROSPACE, LLC

Whose business address is : 1130 E. 81<sup>st</sup> St. N. Owasso, OK 74055  
USA

Upon finding that this organization complies in all respects with the requirements of the Civil Aviation Safety Regulations relating to the establishment of an approved organization, and empowered to operate as an :

**APPROVED MAINTENANCE ORGANIZATION**

With the following ratings : - **Limited Airframe;**  
- **Limited Powerplants;**  
- **Limited Accesories;**  
- **Limited Specialized Services**  
- **Limited Landing Gear**

This approval is not transferable and shall continue until expired, unless cancelled, suspended or revoked by the Director General; and any major change in the basic facilities, or in the location thereof, shall immediately be reported to the Director General.

Jakarta, 7 February 2025

ACTING DIRECTOR GENERAL OF CIVIL AVIATION



LUKMAN F. LAISA

Expiry Date :

7 February 2027



**MINISTRY OF TRANSPORTATION  
DIRECTORATE GENERAL OF CIVIL AVIATION**

Office Complex Soekarno-Hatta International Airport, C3 St., Tangerang, Banten- Indonesia  
Telp.: (+6221) 225 66288, (+6221) 256 08887 Fax. : (+6221) 225 66399  
Website : hubud.dephub.go.id; e-mail: daao\_dgca@dephub.go.id

**OPERATION SPECIFICATIONS**

Name of Organization: Mingo Aerospace, LLC  
Number of Approval : 145F – 1086

Date of issuance : 7 February 2025  
Amendment : 00

**A001 – ISSUANCE AND APPLICABILITY**

a. These Operation Specifications (Opspec) are issued to:

Name of Organization : **Mingo Aerospace, LLC**  
DBA : -  
Mailing Address : 11310 E. 81<sup>st</sup> St. N Owasso, OK 74055  
USA  
Telephone : A1 (918) 272-7371  
Facsimile : -  
Facility Location : 1. 11310 E 81<sup>st</sup> N, Owasso, OK 74055  
2. 8121 N 116<sup>th</sup> E Ave, Owasso, OK 74055  
3. 8141 N 116<sup>th</sup> E Ave, Owasso, OK 74055  
4. 11420 E 81<sup>st</sup> Street N, Owasso, OK 74055

b. These Operation Specifications are issued as part of this AMO Certificate of Approval and are in effect as of the date approval is effective. This certificate and these Operation Specifications shall remain in force for such period as determined by the DGCA unless the certificate holder surrenders the certificate or the DGCA suspends or revokes it.

c. The certificate holder is authorized to use the business name described in this operation specification subparagraph a.

On Behalf of Director General of Civil Aviation



**M. Mauludin**

Director of Airworthiness And Aircraft Operation





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**A002 – RATINGS AND LIMITATIONS**

The Certificate Holder is authorized the following Ratings and/or Limitations:

**LIMITED RATINGS**

**1. Airframe**

**Manufacturer**

From the accepted  
Capability List, as  
amended

**Make/Model**

From the accepted  
Capability List, as  
amended

**Limitations**

Limitation to Inspection, testing, repair and  
overhaul of flight control products including  
but not limited to flap tracks and slat tracks in  
accordance with the Manufactures  
Maintenance Manual or other data approved  
by the Authority

**2. Powerplant**

**Manufacturer**

From the accepted  
Capability List, as  
amended

**Make/Model**

From the accepted  
Capability List, as  
amended

**Limitations**

Limited to maintenance in accordance with  
the Manufactures Maintenance Manual or  
other data approved by the Authority

**3. Accessories**

**Manufacturer**

From the accepted  
Capability List, as  
amended

**Make/Model**

From the accepted  
Capability List, as  
amended

**Limitations**

Limited to inspection, testing, repair and  
overhaul of mechanical cargo components  
including, but not limited to, rollers, stops,  
latches, ball panels and other  
conveying/restraining systems in accordance  
with the Manufactures Maintenance Manual  
or other data Approved/accepted by the  
Authority

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On Behalf of Director General of Civil Aviation



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**A002 – RATINGS AND LIMITATIONS (Cont'd)**

**3. Accessories (Cont'd)**

**Manufacturer**

From the accepted  
Capability List, as  
amended

**Make/Model**

From the accepted  
Capability List, as  
amended

**Limitations**

Limitation to Inspection, testing, repair and overhaul of electrical cargo components including, but not limited to, power drive units, actuators, bulkheads, and other conveying/restraining systems in accordance with the Manufactures Maintenance Manual or other data approved/accepted by the Authority

From the accepted  
Capability List, as  
amended

From the accepted  
Capability List, as  
amended

Limitation to Inspection, testing, repair and overhaul of thermodynamic components including but not limited to air chiller, refrigeration/freezers, and related component in accordance with the Manufactures Maintenance Manual or other data approved/accepted by the Authority

**4. Landing Gear Components**

**Manufacturer**

From the accepted  
Capability List, as  
amended

**Make/Model**

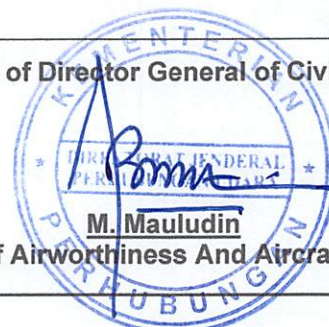
From the accepted  
Capability List, as  
amended

**Limitations**

Limited to inspection, testing, repair and overhaul of landing gear components including but not limited to pins, bolts, races, trunnions, links, brake/drive keys, axles, cylinders, actuators, beams, struts, pistons, and related components in Accordance with the Manufactures Maintenance Manual or other data Approved/accepted by the Authority.

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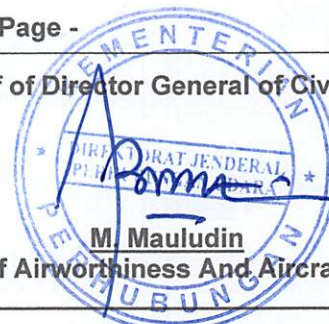
**A002 – RATINGS AND LIMITATIONS (Cont'd)**

**5. Specialized Services (Cont'd)**

<b>Manufacturer</b>	<b>Make/Model</b>	<b>Limitations</b>
Protective Coating	Thermal Spray Coating, High Velocity Oxy Fuel, SAE AMS2447, SAE AMS2448, as revised	Repair Limitations as contained in the referenced Civil or Military Specification.
Metal Processing	Abrasive Blasting, MIL-STD-1504 and FED Specification TT-C-490 Method 1 as revised	Repair Limitations as contained in the referenced Civil or Military Specification.
Cleaning Processes	Solvent Degreasing. MIL-PRF-680, TYPE II, as revised	Repair Limitations as contained in the referenced Civil or Military Specification.
Cleaning Processes	Chemical and Electrolytic Stripping of Inorganic Finishes. iaw SAE AMS2448, and MIL STD 871 as revised	Repair Limitations as contained in the referenced Civil or Military Specification.
Protective Coating	Application of Organic Finishes. MIL-F-18264, SAE AMS-C-27725 as revised.	Repair Limitations as contained in the referenced Civil or Military Specification.
Protective Coating	Application of Air/Heat cured corrosion inhibiting solid film lubricants, MIL-PRF-46010, and SAE AS5272, as revised.	Repair Limitations as contained in the referenced Civil or Military Specification.

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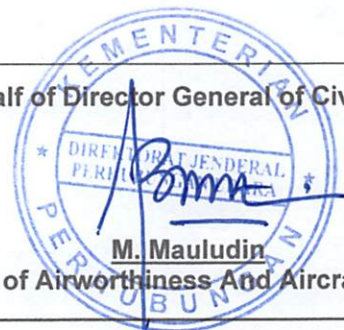
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**A002 – RATINGS AND LIMITATIONS (Cont'd)**

**5. Specialized Services (Cont'd)**

<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
Plating	Electroplating, Low Embrittlement Cadmium, MIL-STD-870, AMS-QQ-P-416, AMS 2400/2401	Repair Limitations as contained in the referenced Civil or Military Specification.
Metal Processing	Shot Peening, AMS 2430, AMS-S-13165, MIL-S-13165	Repair Limitations as contained in the referenced Civil or Military Specification.
Protective Coating	Anodize, MIL-A-8625	Repair Limitations as contained in the referenced Civil or Military Specification.
Non-Destructive Testing	Liquid Penetrant	Repair Limitations as contained in the referenced Civil or Military Specification.
Non-Destructive Testing	Magnetic Particle	In accordance with ASTM E-1444M as revised using methods, techniques and practices prescribed in the current Manufacturers Maintenance Manuals, Air Carrier Maintenance Manual or other data approved/accepted by the Authority.
Non-Destructive Testing	Nital Etch	Limited to Temper Etch Inspection in accordance with MIL-STD-867 or SAE AMS2649 as revised. Using methods, techniques, and practices prescribed in current manufacturers manual, Air Carrier manual or other data approved/accepted by the Authority.
Metal Processing	Anodic Treatment, AMS2488	Repair Limitations as contained in the referenced Civil or Military Specification.

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**A003 – EXEMPTIONS**

--NONE--

**A004 – DESIGNATED PERSONS**

List of Designated persons as contact persons:

No	Name	Job Title	Phone number & email address
1.	Todd Addis	Director of Operations	918.212.1256 taddis@mingoaero.com
2.	Bill Cope	Chief Inspector	918.237.6629 bcope@mingoaero.com
3.	Jason Broyles	Director of Quality	918.212.1224 jbroyles@mingoaero.com

**A005 – ADDITIONAL FIXED LOCATIONS**

--NONE--

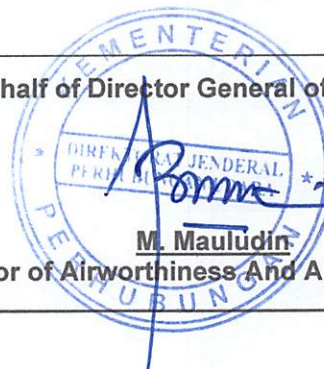
**A006 – WORK TO BE PERFORMED AT A PLACE OTHER THAN THE AMO'S FIXED LOCATION**

--NONE--

**A007 – LINE MAINTENANCE AUTHORIZATION**

--NONE--

On Behalf of Director General of Civil Aviation



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Director of Airworthiness And Aircraft Operation