



LIST OF CURRENT CAPABILITY NDT SHOP

SMTA-04

REVISION: 01
JULY 6, 2020

**PT. SIS MEL TRI AERO
NDT SPECIALIST | DGCA AMO 145D-1012**

www.smtaero.com



PT. SIS MEL TRI AERO

NDT SPECIALIST | DGCA AMO 145D-1012

Jalan Belakang Makam Pahlawan No.21C RT.005 RW.015, Kelurahan Cigadung,
Kecamatan Cibeunying Kaler, Kota Bandung Indonesia 40191 | Phone: +62.22.2536638
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RECORD OF REVISIONS

REVISION NUMBER	REVISION DATE	INSERTED BY	INSERTED DATE
00	March 16, 2020	Djoko Sumbarto	March 16, 2020
01	July 6, 2020	Djoko Sumbarto	July 6, 2020



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LIST OF EFFECTIVE PAGES

TITLE	PAGES	DATE
RECORD OF REVISION	1	July 6, 2020
LIST OF EFFECTIVE PAGES	2	July 6, 2020
LIMITED NON DESTRUCTIVE TEST	3	July 6, 2020

APPROVAL

QUALITY CONTROL MANAGER



NAME : INDRA SETIAWAN
DATE : JULY 6, 2020

DGCA INSPECTOR

NAME : M. Budhi
DATE : July 6, 2020

LIMITED NON DESTRUCTIVE TEST CAPABILITY

NO	NDT METHOD	NDT TECHNIC	CMM/ATA	LIMITED
1	Ultrasonic Testing (UT) - Flaw Detection - Thickness Measurement	Pulse Echo Method	ASTM E114-15	Inspection, Testing, and Processing
2	Liquid Penetrant Testing (PI)	Fluorescent Dye	ASTM E1417/E1417M-16	Inspection, Testing, and Processing
3	Magnetic Particle Testing (MPI) - Wet Continues Method - Residual Magnetization Method	Electromagnetic Field	ASTM E1444E/E1444M-16	Inspection, Testing, and Processing
4	Eddy Current Testing (ET) - Surface Inspection - Sub Surface Inspection - Corrosion Inspection	HF and LF	ASTM E215-16	Inspection, Testing, and Processing
5	Radiography Inspection	X-Ray	ASTM E1742/E1742M-18	Inspection, Testing, and Processing
6	Borescope Inspection	Visual Inspection	AMM/NDTM	Inspection, Testing, and Processing

Note: HF (High Frequency), LF (Low Frequency).

REPUBLIC OF INDONESIA
MINISTRY OF TRANSPORTATION
DIRECTORATE GENERAL OF CIVIL AVIATION

Certificate of Approval

Number : 145D - 1012

This certificate is issued to : **PT. SIS MEL TRI AERO**
Whose business address is : **Jl. Belakang Makam Pahlawan No. 21 RT 005, RW 015
Kel. Cigadung, Kec. Cibeunying Kaler, Bandung 40191
Jawa Barat - Indonesia**

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 Nondestructive Inspection, Testing and Processing.**

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 there of, shall immediately be reported to the Director General.

Jakarta, 6 July 2022

DIRECTOR GENERAL OF CIVIL AVIATION

**Expiry Date :
6 July 2027**

NUR ISNIN ISTIARTONO



**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: PT. Sis Mel Tri Aero
Number of Approval : 145D - 1012

Date of issuance : 6 July 2022
Amendment : 00

A001 - ISSUANCE AND APPLICABILITY

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

Name of Organization : **PT. SIS MEL TRI AERO**

DBA : -

Mailing Address : Jl. Belakang Makam Pahlawan No. 21C RT 005, RW 015
Kel. Cigadung, Kec. Cibeunying Kaler
Kota Bandung 40191, Jawa Barat
Indonesia

Telephone : (022) 253 6638

Facsimile : (022) 253 6638

Facility Location : Jl. Belakang Makam Pahlawan No. 21C RT 005, RW 015
Kel. Cigadung, Kec. Cibeunying Kaler
Kota Bandung 40191, Jawa Barat
Indonesia

- 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



UDI TITO PRIYATNA
Acting Director of Airworthiness And Aircraft Operations



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DIRECTORATE GENERAL OF CIVIL AVIATION**

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Name of Organization: PT. Sis Mel Tri Aero

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Amendment : 00

A002 - RATINGS AND LIMITATIONS

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

LIMITED RATINGS

NON DESTRUCTIVE INSPECTION, TESTING AND PROCESSING

<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Ultrasonic Testing	AST E114-15 as revised	All Non Destructive Inspection personnel will be qualified and certificated in accordance with NAS-410 or EN4179 as revised, in addition, all work will be performed in accordance with manufacturer maintenance manual, NDT Manual, and other data accepted / approved by the DGCA
Liquid Penetrant Testing	ASTM E1417/E1417M-16 as revised	
Magnetic Particle Testing	ASTM E1444/E1444M-16 as revised	
Eddy Current Testing	ASTM E215	
Radiography Inspection	ASTM E1742M/E1742M-18	
Boroscope Testing	AMM/NDTM as revised	

A003 - EXEMPTION

--- None ---

On Behalf of Director General of Civil Aviation



UDI TITO PRIYATNA
Acting Director of Airworthiness And Aircraft Operations



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A004 - DESAIGNATED PERSONS

List of Designated person as contact persons:

No	Name	Job Title	Phone number & email address
1.	Nurhadi Wasito	Accountable Manager	+62 857 2117 4567 nurhadi@smtaero.com
2.	Hendra Bachtiar	Quality Control Manager	+62 851 5705 3722 hendra@smtaero.com

A005 - ADDITIONAL FIXED LOCATIONS

--- None ---

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

Work Authorization	AMO Manual Reference
Nondestructive inspection, testing and processing	AMOQC Manual Chapter 3.5, as revised
Borescope Inspection	AMOQC Manual Chapter 3.5, as revised

A007 - LINE MAINTENANCE AUTHORIZATION

--- None ---

On Behalf of Director General of Civil Aviation

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Acting Director of Airworthiness And Aircraft Operations



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