



PT. SMART CAKRAWALA AVIATION

DGCA AMO 145D-1003

NON DESTRUCTIVE TEST REPORT

NDT Report No.	MT/003/V/2023 MT/004/V/2023
Work Order	WO/047-SNK/IV/2023
Customer	PT. SMART CAKRAWALA AVIATION
Aircraft Type	CESSNA 208
Aircraft Serial Number	208-00658
Aircraft Hours	4426.2
Aircraft Cycle	5821
Aircraft Reg	PK-SNK
Date Inspection	MAY 11, 2023
Base Inspection	HANGAR MALINAU



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : MT/003/V/2023

DATE : MAY 11, 2023

GENERAL

WORK ORDER NO.	CUSTOMER	A/C REG	A/C TYPE	A/C SERIAL NO.	A/C HOURS	A/C CYCLE	BASE INSPECTION
WO/047-SNK/IV/2023	PT. SCA	PK-SNK	C208	208-00658	4426.2	5821	MALINAU

COMPONENT/PART DESCRIPTION : MAIN LANDING GEAR CENTER-SPRING.

PART NO : 2641014-12

SERIAL NO : 26959160H

INSPECTION SPECIFICATION

TEST METHODE	MAGNETIC PARTICLE INSPECTION (MT)
TECHNIQUE REFERENCE	CESSNA 208 NDTM P8, 32-10-02

EQUIPMENT

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
1. ELECTROMAGNETIC YOKE	B100S	3015	JULY 15, 2023
2. MAGNAGLO 14A (OIL BASED) (TYPE 1)	01-0130-57	N/A	FEBRUARY 2025
3. UV LIGHT	SV74	N/A	DAILY CHECK
4. MAGNETIC FIELD INDICATOR	N500203001	15-807	AUGUST 22, 2023

INSTRUMENT SETTING :

1. Types of Magnetizing Current : AC 3 Amps
2. Magnetization Methods : YOKE
3. Magnetic Particle Application : Residual Magnetization Method

INSPECTION RESULT

PERFORMED MAGNETIC PARTICLE INSPECTION ON THE MAIN LANDING GEAR CENTER-SPRING, FOUND NO CRACK INDICATION AS PER CESSNA 208 NDTM P8, 32-10-02.

USE THE REVERSE SIDE OF THIS SHEET FOR SKETCH IF REQUIRED

Performed and Certified by:

- IBRAHIM



(Signature, Name, Stamp)



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : MT/003/V/2023

DATE : MAY 11, 2023

ATTACHMENT NDT REPORT NO: MT/003/V/2023

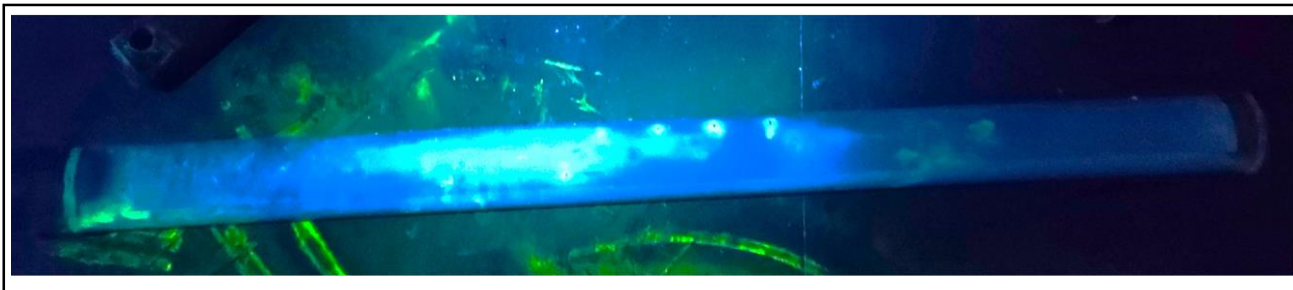
COMPONENT/PART DESCRIPTION : MAIN LANDING GEAR CENTER-SPRING.

PART NO : 2641014-12

SERIAL NO : 26959160H



MAIN LANDING GEAR CENTER-SPRING



INSPECTION UNDER UV LIGHT

 smart aviation AMO 145D-1003	NON DESTRUCTIVE TEST REPORT SCA-Form No. SCA-MTC-054						REPORT NO : MT/004/V/2023 DATE : MAY 11, 2023	
GENERAL								
WORK ORDER NO.	CUSTOMER	A/C REG	A/C TYPE	A/C SERIAL NO.	A/C HOURS	A/C CYCLE	BASE INSPECTION	
WO/047-SNK/IV/2023	PT. SCA	PK-SNK	C208	208-00658	4426.2	5821	MALINAU	
COMPONENT/PART DESCRIPTION : LEFT HAND & RIGHT HAND MAIN GEAR-SPRING.								
PART NO : 2641013-19				SERIAL NO : 26580650A & 27188468H				
INSPECTION SPECIFICATION								
TEST METHODE	MAGNETIC PARTICLE INSPECTION (MT)							
TECHNIQUE REFERENCE	CESSNA 208 NDTM P8, 32-10-02							
EQUIPMENT								
ITEM DESCRIPTION		PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE				
1. ELECTROMAGNETIC YOKE		B100S	3015	JULY 15, 2023				
2. MAGNAGLO 14A (OIL BASED) (TYPE 1)		01-0130-57	N/A	FEBRUARY 2025				
3. UV LIGHT		SV74	N/A	DAILY CHECK				
4. MAGNETIC FIELD INDICATOR		N500203001	15-807	AUGUST 22, 2023				
INSTRUMENT SETTING : - Types of Magnetizing Current : AC 3 Amps - Magnetization Methods : YOKE - Magnetic Particle Application : Residual Magnetization Method								
INSPECTION RESULT								
PERFORMED MAGNETIC PARTICLE INSPECTION ON THE LEFT HAND AND RIGHT HAND MAIN GEAR-SPRING, FOUND NO CRACK INDICATION AS PER CESSNA 208 NDTM P8, 32-10-02.								
USE THE REVERSE SIDE OF THIS SHEET FOR SKETCH IF REQUIRED				Performed and Certified by: - IBRAHIM   (Signature, Name, Stamp)				

NON DESTRUCTIVE TEST REPORT

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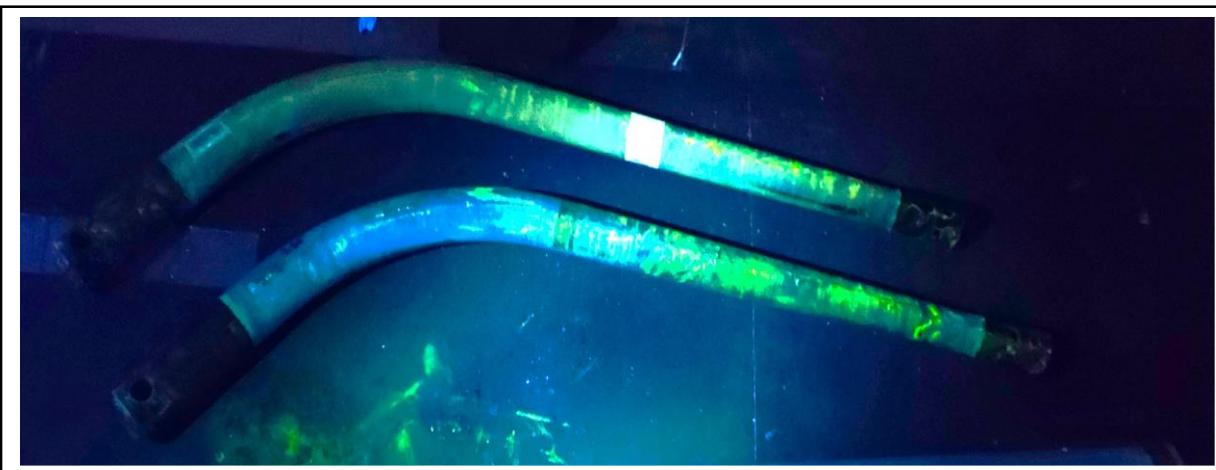
COMPONENT/PART DESCRIPTION : LEFT HAND & RIGHT HAND MAIN GEAR-SPRING

PART NO : 2641013-19

SERIAL NO : 26580650A & 27188468H



LEFT HAND & RIGHT HAND MAIN GEAR-SPRING



INSPECTION UNDER UV LIGHT