



PT. SMART CAKRAWALA AVIATION

DGCA AMO 145D-1003

NON DESTRUCTIVE TEST REPORT

NDT Report No. ET/013/IX/2023

ET/014/IX/2023

ET/015/IX/2023

ET/016/IX/2023

Work Order WO/047-SNI/IX/2023

Customer PT. SMART CAKRAWALA AVIATION

Aircraft Type C208B

Aircraft Serial Number C208B-5068

Aircraft Hours 8455

Aircraft Cycle 14161

Aircraft Reg PK-SNI

Date Inspection SEPTEMBER 12, 2023

Base Inspection NABIRE



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/013/IX/2023

DATE : Sept 12, 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-SNI/IX/2023	PT. SMART AVIATION	PK-SNI	C208B	5068	8455	14161	NABIRE

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACH FITTING.

PART NO : 2621000-21 & 2621000-22

SERIAL NO : 5068

INSPECTION SPECIFICATION

TEST METHODE	EDDY CURRENT INSPECTION (ET)
TECHNIQUE REFERENCE	C208B NDTM P6, 57-60-01 Rev 4

EQUIPMENT

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
1. EDDY CURRENT INSTRUMENT	NORTEC 600D	230367208	AUGUST 04, 2024
2. ANGLE PROBE 50 - 500 KHz	314P24	554024/02	N/A
3. STRAIGHT PROBE 50-500KHz	PS500PS028-114N	01009/04	N/A
4. CAL BLOCK SURFACE AL	ATBA	402093/04	N/A

INSTRUMENT SETTING :

Phase	53	Degree
Frequency	200	KHz
Sensitivity	48/65	dB

INSPECTION RESULT

PERFORMED HIGH FREQUENCY EDDY CURRENT INSPECTION ON THE LEFT HAND & RIGHT HAND WING STRUT ATTACH FITTING, FOUND NO CRACK INDICATION AS PER NDTM P6, 57-60-01 Rev 4.

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 : ET/013/IX/2023

DATE : Sept 12, 2023

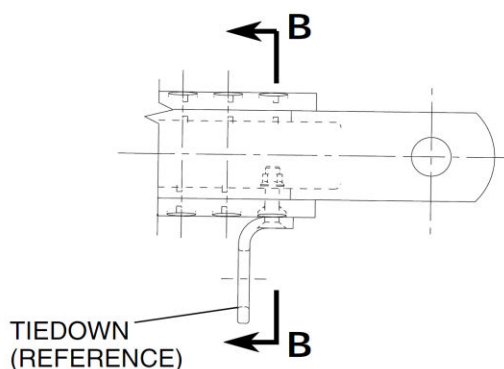
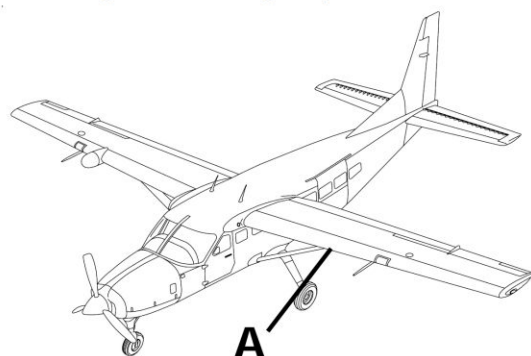
ATTACHMENT NDT REPORT NO : ET/013/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACH FITTING.

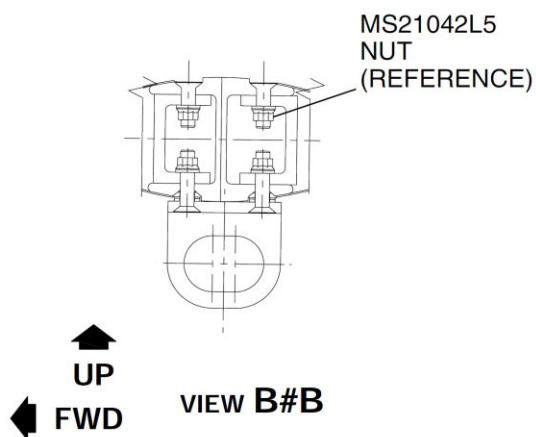
PART NO : 2621000-21 & 2621000-22

SERIAL NO : 5068

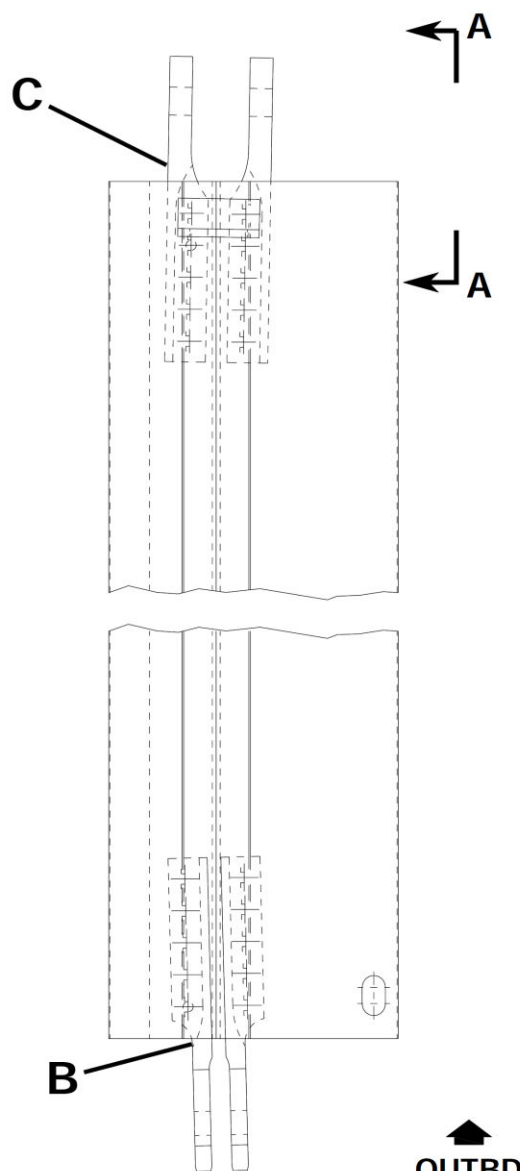
Figure 1. Wing Strut Fitting Inspection



VIEW A#A



VIEW B#B



DETAIL A
LOOKING UP AT LEFT
WING STRUT ASSEMBLY
(RIGHT SIDE OPPOSITE)

OUTBD
FWD

NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/013/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/013/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACH FITTING.

PART NO : 2621000-21 & 2621000-22

SERIAL NO : 5068



FIGURE 2. LH WING STRUT ATTACH FITTING



FIGURE 3. RH WING STRUT ATTACH FITTING



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/013/IX/2023

DATE : Sept 12, 2023

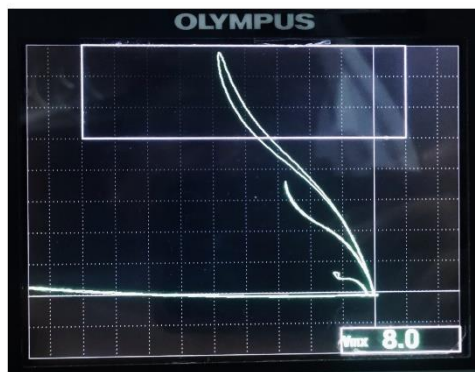
ATTACHMENT NDT REPORT NO : ET/013/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACH FITTING.

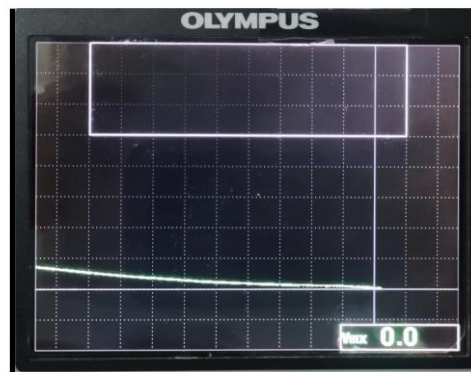
PART NO : 2621000-21 & 2621000-22

SERIAL NO : 5068

SETTING INSTRUMENT



Calibration 0.2 mm, 0.5 mm & 1 mm



Scanning with no crack indication



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/014/IX/2023

DATE : Sept 12, 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-SNI/IX/2023	PT. SMART AVIATION	PK-SNI	C208B	5068	8455	14161	NABIRE

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACHMENT TO FRONT SPAR.

PART NO : NPN

SERIAL NO : NSN

INSPECTION SPECIFICATION

TEST METHODE	EDDY CURRENT INSPECTION (ET)
TECHNIQUE REFERENCE	C208B NDTM P6, 57-60-02 Rev. 4

EQUIPMENT

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
1. EDDY CURRENT INSTRUMENT	NORTEC 600D	230367208	AUGUST 04, 2024
2. ANGLE PROBE 50 - 500 KHz	314P24	554024/02	N/A
3. STRAIGHT PROBE 50-500KHz	PS500PS028-114N	01009/04	N/A
4. CAL BLOCK SURFACE AL	ATBA	402093/04	N/A

INSTRUMENT SETTING :

Phase	53	Degree
Frequency	200	KHz
Sensitivity	48/65	dB

INSPECTION RESULT

PERFORMED HIGH FREQUENCY EDDY CURRENT INSPECTION ON THE LEFT HAND & RIGHT HAND WING STRUT ATTACHMENT TO FRONT SPAR, FOUND NO CRACK INDICATION AS PER NDTM P6, 57-60-02 Rev. 4.

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 : ET/014/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/014/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACHMENT TO FRONT SPAR .

PART NO : NPN

SERIAL NO : NSN

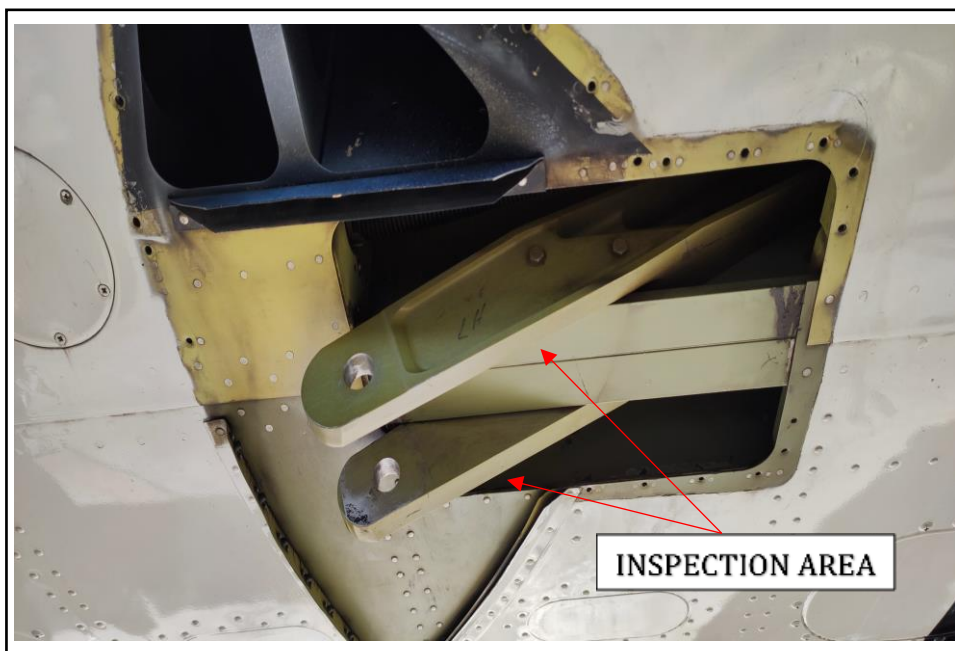
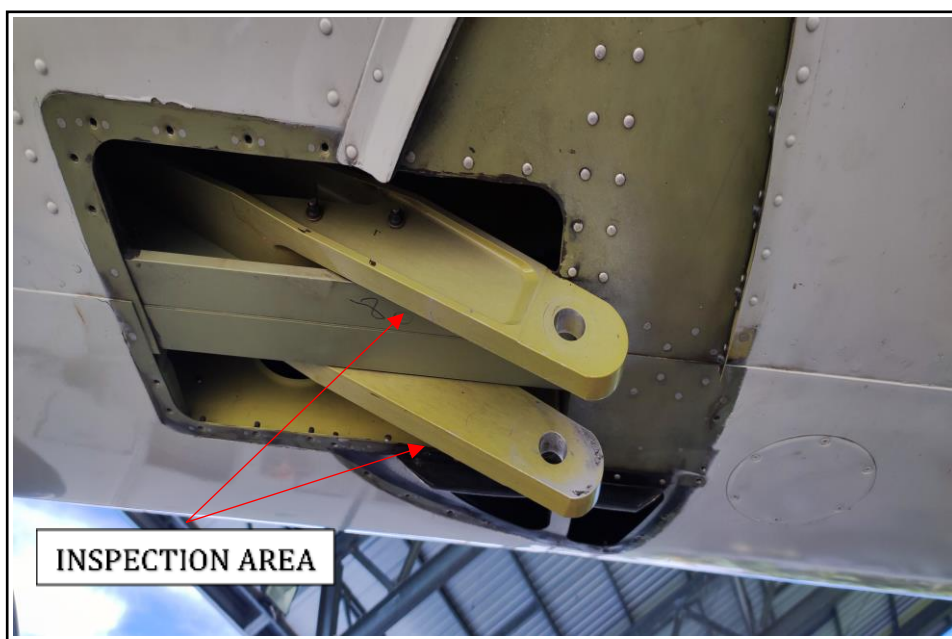


FIGURE 1. LH WING STRUT ATTACHMENT TO FRONT SPAR





NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/014/IX/2023

DATE : Sept 12, 2023

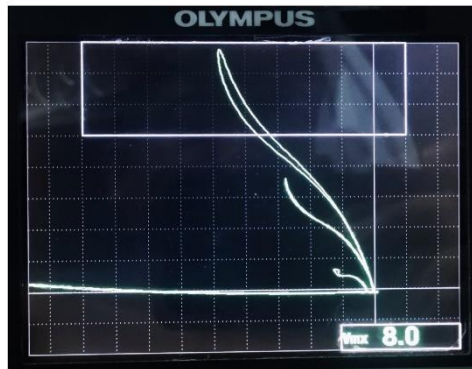
ATTACHMENT NDT REPORT NO : ET/014/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH WING STRUT ATTACHMENT TO FRONT SPAR.

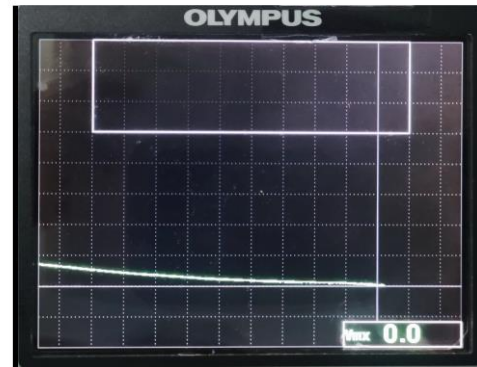
PART NO : NPN

SERIAL NO : NSN

SETTING INSTRUMENT



Calibration 0.2 mm, 0.5 mm & 1 mm



Scanning with no crack indication



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/015/IX/2023

DATE : Sept 12, 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-SNI/IX/2023	PT. SMART AVIATION	PK-SNI	C208B	5068	8455	14161	NABIRE

COMPONENT/PART DESCRIPTION : LH & RH FUSELAGE TO WING STRUT ATTACH FITTING LUGS.

PART NO : NPN

SERIAL NO : NSN

INSPECTION SPECIFICATION

TEST METHODE	EDDY CURRENT INSPECTION (ET)
TECHNIQUE REFERENCE	C208B NDTM P6, 53-20-07 Rev. 4

EQUIPMENT

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
1. EDDY CURRENT INSTRUMENT	NORTEC 600D	230367208	AUGUST 04, 2024
2. ANGLE PROBE 50 - 500 KHz	314P24	554024/02	N/A
3. STRAIGHT PROBE 50-500KHz	PS500PS028-114N	01009/04	N/A
4. CAL BLOCK SURFACE AL	ATBA	402093/04	N/A

INSTRUMENT SETTING :

Phase	53	Degree
Frequency	200	KHz
Sensitivity	48/65	dB

INSPECTION RESULT

PERFORMED HIGH FREQUENCY EDDY CURRENT INSPECTION ON THE LEFT HAND & RIGHT HAND FUSELAGE TO WING STRUT ATTACH FITTING LUGS, FOUND NO CRACK INDICATION AS PER C208B NDTM P6, 53-20-07 Rev. 4.

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 : ET/015/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/015/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH FUSELAGE TO WING STRUT ATTACH FITTING LUGS.

PART NO : NPN

SERIAL NO : NSN

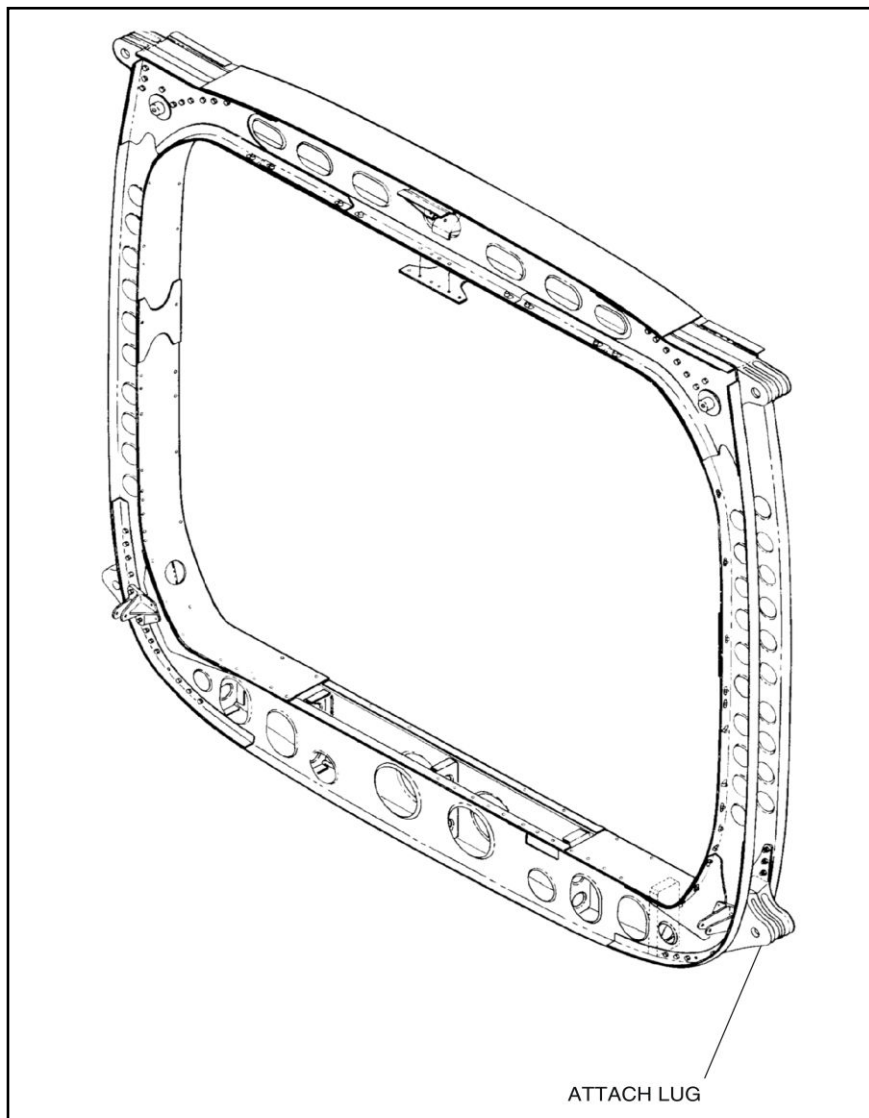


FIGURE 1. WING STRUT ATTACH FITTING LUGS

NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/015/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/015/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH FUSELAGE TO WING STRUT ATTACH FITTING LUGS.

PART NO : NPN

SERIAL NO : NSN



FIGURE 2. LH FUSELAGE TO WING STRUT ATTACH FITTING LUG



FIGURE 3. RH FUSELAGE TO WING STRUT ATTACH FITTING LUG



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/015/IX/2023

DATE : Sept 12, 2023

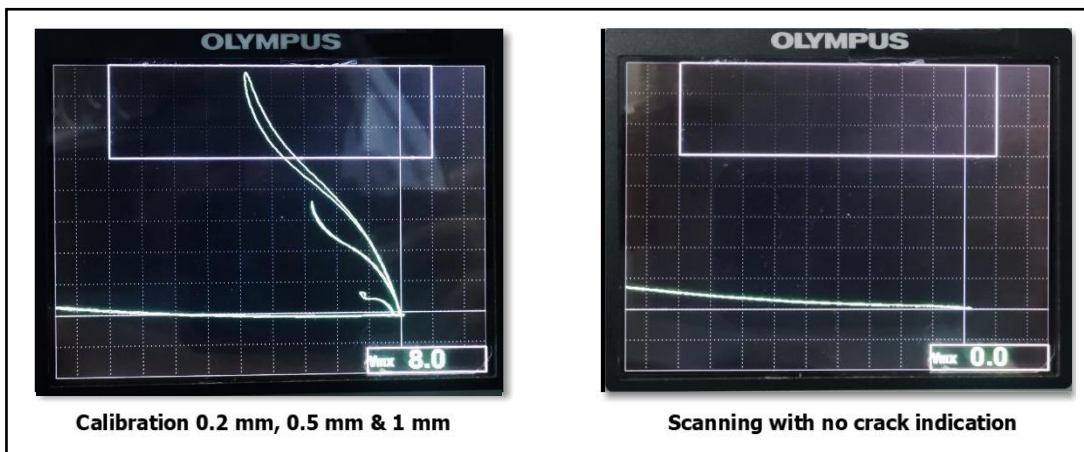
ATTACHMENT NDT REPORT NO : ET/015/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH FUSELAGE TO WING STRUT ATTACH FITTING LUGS.

PART NO : NPN

SERIAL NO : NSN

SETTING INSTRUMENT





NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/016/IX/2023

DATE : Sept 12, 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-SNI/IX/2023	PT. SMART AVIATION	PK-SNI	C208B	5068	8455	14161	NABIRE

COMPONENT/PART DESCRIPTION : LH & RH CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK.

PART NO : NPN

SERIAL NO : NSN

INSPECTION SPECIFICATION

TEST METHODE	EDDY CURRENT INSPECTION (ET)
TECHNIQUE REFERENCE	C208B NDTM P6, 57-50-01 Rev. 4

EQUIPMENT

ITEM DESCRIPTION	PART NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
1. EDDY CURRENT INSTRUMENT	NORTEC 600D	230367208	AUGUST 04, 2024
2. ANGLE PROBE 50 - 500 KHz	314P24	554024/02	N/A
3. STRAIGHT PROBE 50-500KHz	PS500PS028-114N	01009/04	N/A
4. CAL BLOCK SURFACE AL	ATBA	402093/04	N/A

INSTRUMENT SETTING :

Phase	53	Degree
Frequency	200	KHz
Sensitivity	48/65	dB

INSPECTION RESULT

PERFORMED HIGH FREQUENCY EDDY CURRENT INSPECTION ON THE LEFT HAND & RIGHT HAND CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK, FOUND NO CRACK INDICATION AS PER C208B NDTM P6, 57-50-01 Rev. 4.

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 : ET/016/IX/2023

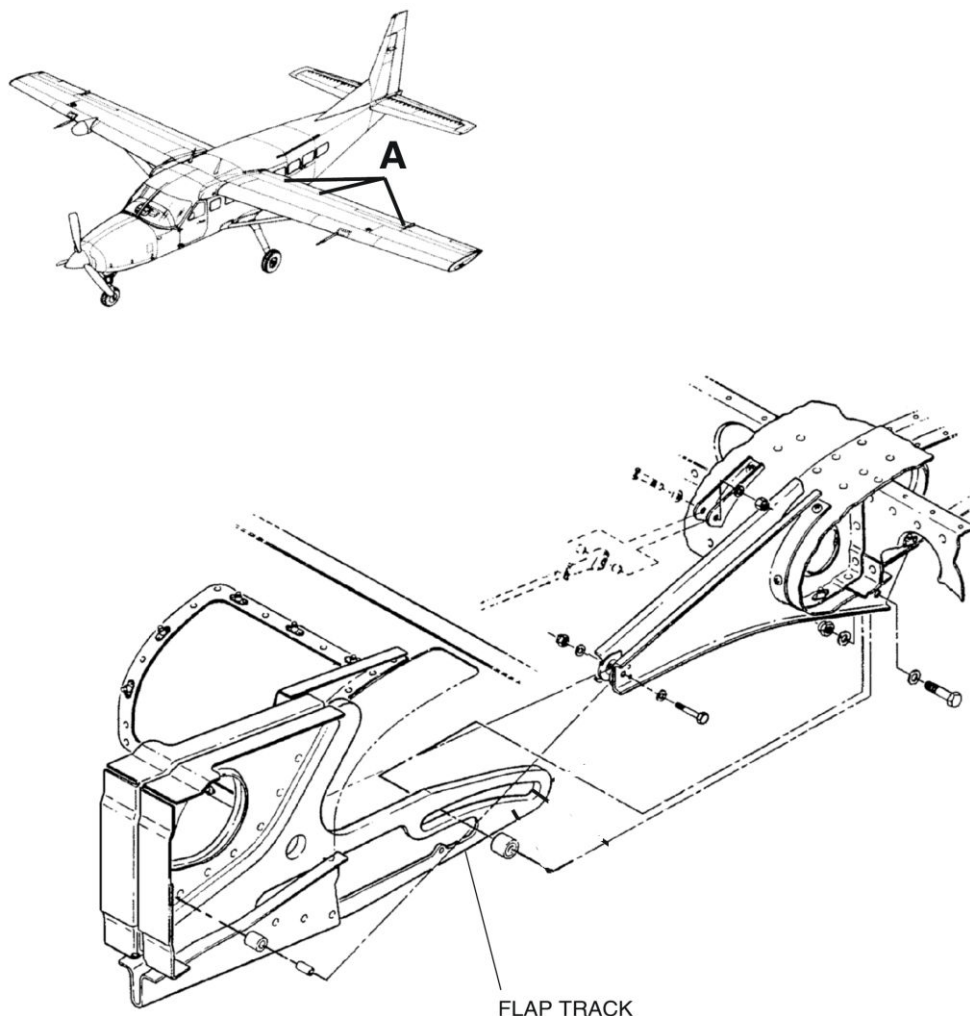
DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/016/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK.

PART NO : NPN

SERIAL NO : NSN



DETAIL A

CENTER FLAP TRACK SHOWN,
INBOARD FLAP AND OUTBOARD
FLAP TRACK TYPICAL

FIGURE 1. CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK

NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/016/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/016/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK.

PART NO : NPN

SERIAL NO : NSN



FIGURE 2. LH INBOARD FLAP TRACK



FIGURE 3. LH CENTER FLAP TRACK



FIGURE 4. LH OUTBOARD FLAP TRACK

NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/016/IX/2023

DATE : Sept 12, 2023

ATTACHMENT NDT REPORT NO : ET/016/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK.

PART NO : NPN

SERIAL NO : NSN



FIGURE 5. RH INBOARD FLAP TRACK



FIGURE 6. RH CENTER FLAP TRACK



FIGURE 7. RH OUTBOARD FLAP TRACK



NON DESTRUCTIVE TEST REPORT

SCA-Form No. SCA-MTC-054

REPORT NO : ET/016/IX/2023

DATE : Sept 12, 2023

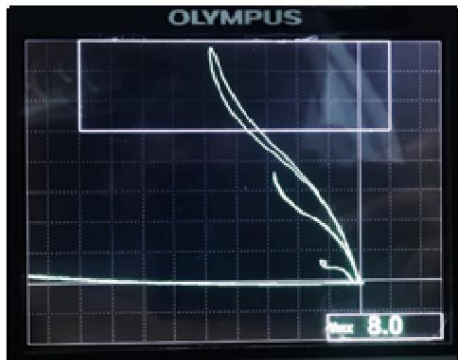
ATTACHMENT NDT REPORT NO : ET/016/IX/2023

COMPONENT/PART DESCRIPTION : LH & RH CENTER FLAP TRACK, INBOARD FLAP TRACK & OUTBOARD FLAP TRACK.

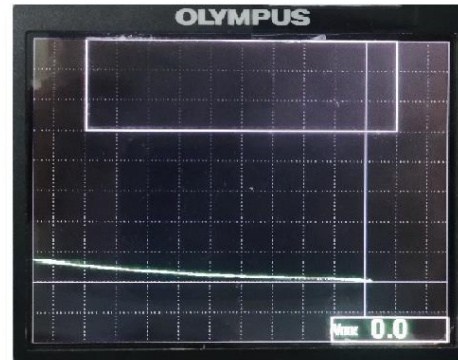
PART NO : NPN

SERIAL NO : NSN

SETTING INSTRUMENT :



Calibration 0.2 mm, 0.5 mm & 1 mm



Scanning with no crack indication

