



SERVICE BULLETIN n°991006

9, rue de l'Aviation
21121 DAROIS
Tel 03 80 35 65 10
Fax 03 80 35 65 15

ATA SYSTEM : 27
EFFECTIVITY : CAP232
TITLE : Root stick adjustable stops

Issue	Revision	Date	Reason for change	Visa
0	0			

1. PLANNING INFORMATION

1.1. EFFECTIVITY

Aircraft	CAP232		
Serial n°	All		

1.2. REASON

	SERVICE BULLETIN	DELAY FOR APPLICATION
	Optional	
	Recommended	
X	Mandatory	Later during the next 100h inspection

Replacement of the stops in order to improve the reliability.

1.3. DESCRIPTION

First stops type :

- Tapped block base welded along the 4 faces
- Plate thickness increased

Second stops type :

- Machined from solid materials

Both type are equally available.

1.4. APPROVAL

This Service Bulletin has been reviewed by the DGAC by the letter GSAC ref. 2000-042CA/FR dated 14/01/2000 and the repairs and modifications herein comply with the JAR23 dated 11/03/94 and are APPROVED for the installation in the CAP232.

1.5. MANPOWER

The implementation of this SB can only be operated by the manufacturer, in an approved repair-shop or a maintenance unit.

The lead time necessary to apply the modification is about :

- 1h00 for one person to apply the modification
- 0h15 for two persons during the controls settings

1.6. MATERIAL

The new and modified parts compose the material, and are mentioned in the Chapter 3 of this service bulletin.

The new parts are available at ASCO.

(Tel : +0033 380 356198, Fax : +0033 380 356058)



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1.7. TOOLING

- Flat screwdriver 6 mm
- Mixed wrench of 6 – 8.8 mm
- Offset hexagonal wrench of 4 mm
- Vernier protractor
- 2 control surface neutral clips

1.8. WEIGHT & BALANCE

1.8.1. Aircraft

None

1.8.2. Engine

None

1.8.3. Accessory or Component for aircraft use

None

1.9. ELECTRICAL LOAD DATA

None

1.10. REFERENCES

None

2. ACCOMPLISHMENT INSTRUCTIONS

2.1. DISASSEMBLY PROCEDURES

- (A) Remove the belly inspection panel
- (B) Unscrew the stops screw set-nuts
- (C) Remove the screws
- (D) Remove the stops

2.2. PARTS MODIFICATIONS

- (A) Install the new stops

2.3. REASSEMBLY PROCEDURES

- (A) Screw the stops screws
- (B) Screw the set-nuts

2.4. VERIFICATIONS

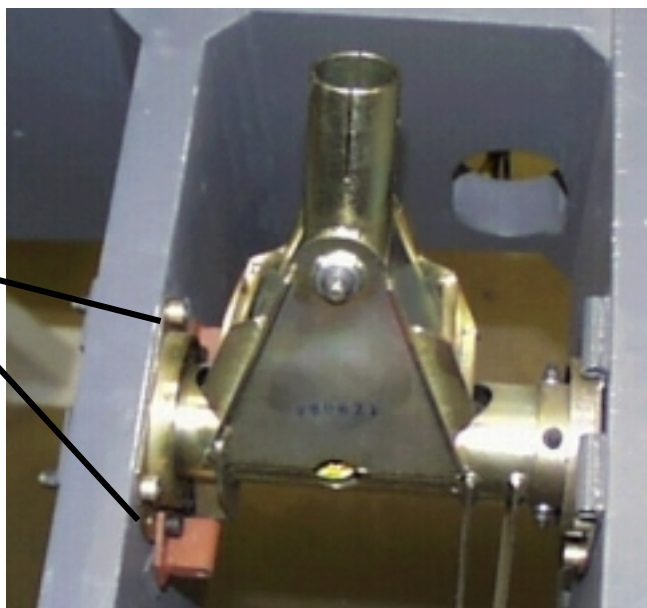
- (A) Control the displacement
 - Maintain the ailerons at the neutral position
 - Adjust the Vernier protractor at 0°
 - Push the stick full aileron
 - Adjust the screw to obtain a displacement :

Up : $30 \pm 2^\circ$

Down : $30 \pm 2^\circ$

- (B) Secure the set-nuts in position
- (C) Put the belly inspection panel back in place

Root stick
stops





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3. MATERIAL INFORMATION

New P/N	Quantity	Unit list price	Key word	Old P/N	Instructions
2713-9911011	1	250 FHT	Left stop	CAP230-50-07-02	To be removed
2713-9911022	1	250 FHT	Right stop	CAP230-50-07-01	To be removed
or					
2714-0001008	1	250 FHT	Left stop	CAP230-50-07-02	To be removed
2714-0001009	1	250 FHT	Right stop	CAP230-50-07-01	To be removed