

CAP Aviation 9, rue de l'Aviation 21121 DAROIS - France Tel +33 380 35 65 10 Fax +33 380 35 65 15 www.capaviation.com	<b>S E R V I C E   B U L L E T I N</b>	
<b>NUMBER</b>	<b>TITLE</b>	<b>ATA SYSTEM</b>
010301	Canopy handle	56

## 1. PLANNING INFORMATION

### 1.1 Approval

**NOTA:** This document is a courtesy translation of its original French version. Whereas the original French version of the information and instructions is approved, this *translation* is *not* approved.  
 As a consequence, the approval mentions below are to be understood as applicable to the *original French version* of this SB.

This Service Bulletin corresponds to the MINOR change Nr 010301 which has been approved under the privileges of the Design Organisation Approval DGAC Nr° F.JA.06.

The technical information contained in this document is approved under the privileges of the Design Organisation Approval Nr° F.JA.06.

Revision	Date	Description	Airworthiness Office Manager	Head of Design Organisation
			Recommendation for approval	Approval
0	07th May, 2001	Original issue		

### 1.2 Effectivity

<b>Aircraft : type</b>	CAP10B
<b>Serial Nr</b>	All

<b>Spare parts with Serial Nr</b>	N/A
<b>Serial Nr</b>	N/A

### 1.3 Implementation

	SERVICE BULLETIN	DELAI D'APPLICATION
X	Optional	For information
	Recommended	
	Mandatory	

### 1.4 Reason

Inform users about canopy handle replacement and new parts references.

### 1.5 Description

Present Southco handle (reference: 92-42-531) replacing CAP10-10-19-06B.

### 1.6 Manpower

The instructions contained in this Service Bulletin can only be performed by an approved workshop or maintenance unit.

Welding has to be performed by an **approved TIG welder**.

The lead time (no contract value) necessary to implement the modification is evaluated to about:

- 5 hours

Canopy installation is to be performed by two persons.

### 1.7 Material

The new and modified parts make up the material, and are mentioned in the chapter 3 of this Service Bulletin.

For customers, spare parts are to be supplied at ASCO Aviation Service Centre (Tel : +33 380 35 61 98, Fax : +33 380 35 60 58).

### 1.8 Tooling

Standard tooling and standard tooling of approved TIG welder.

### 1.9 Weight and balance

#### 1.9.1 Aircraft

N/A

## 1.9.2 Engine

N/A

## 1.9.3 Accessories or components for aircraft use

N/A

## 1.10 References

N/A

## 1.11 Affected publications

- A copy of this Service Bulletin must be inserted in the CAP10B Illustrated Parts Catalogue.
- Service Letter Nr 990813: User Documents List.

## 1.12 Feedback

Please do inform the Airworthiness Office of CAP Aviation, about the implementation of the instructions described herein.

You can use:

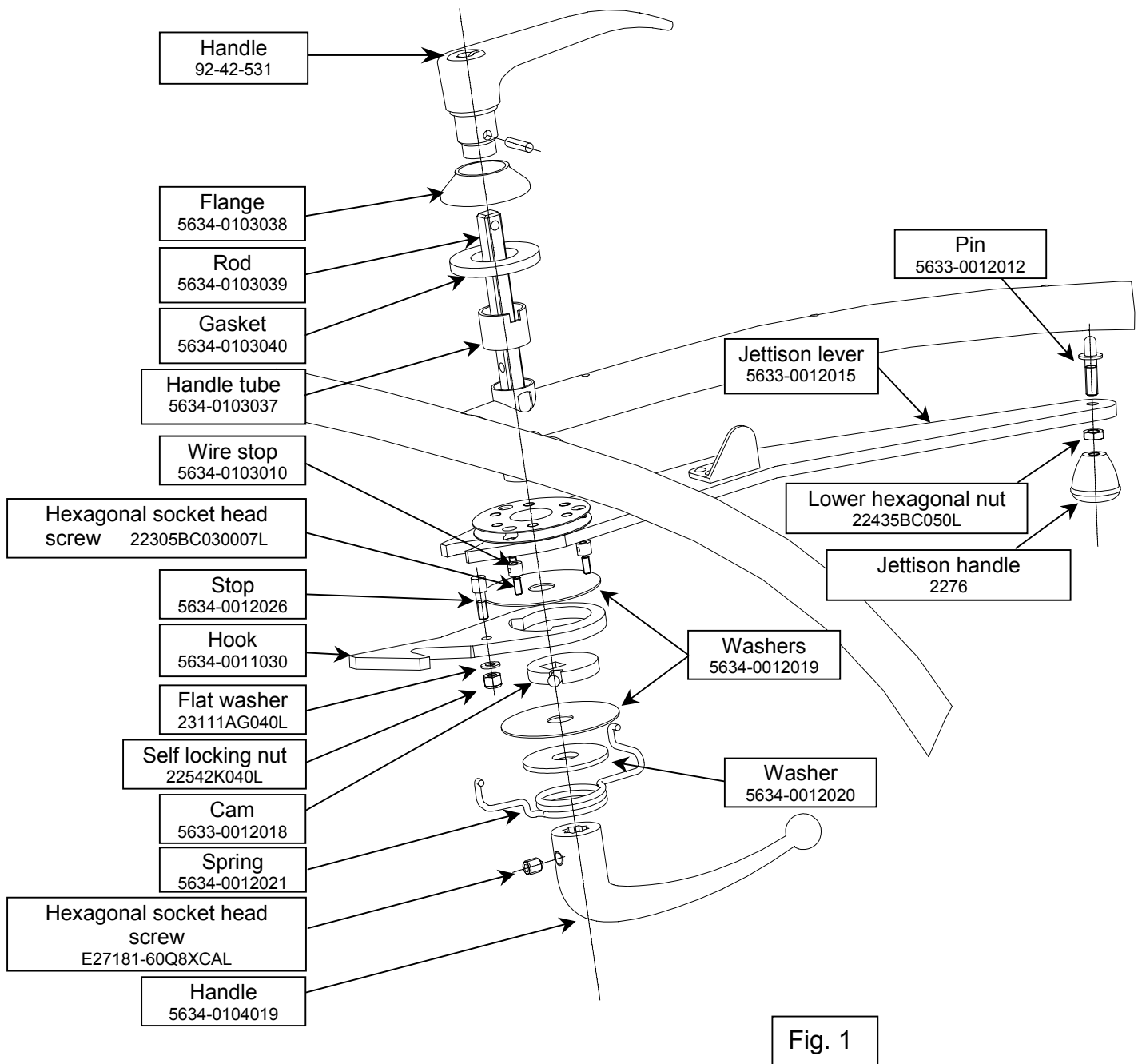
- postal mail : address on the first page of this Service Bulletin,
- fax : (+33) (0) 380 35 6515,
- e-mail : [caroline.morel@capaviation.com](mailto:caroline.morel@capaviation.com),
- the web page of Cap Aviation : <http://www.capaviation.com>.

## 1.13 Appendices

- None.

## 2. ACCOMPLISHMENT INSTRUCTIONS

### 2.1 Description



## 2.2 Removal operations

### 2.2.1 Canopy removal (1/4 h)

- Unlock and rotate jettison handle. Hold canopy with front arch frame.
- Push upward and disengage canopy from the two front supports.

Nota : avoid springs falling in the cockpit.

- Lift and disengage canopy rear part from rear support.

### 2.2.2 Removal of canopy handle assembly

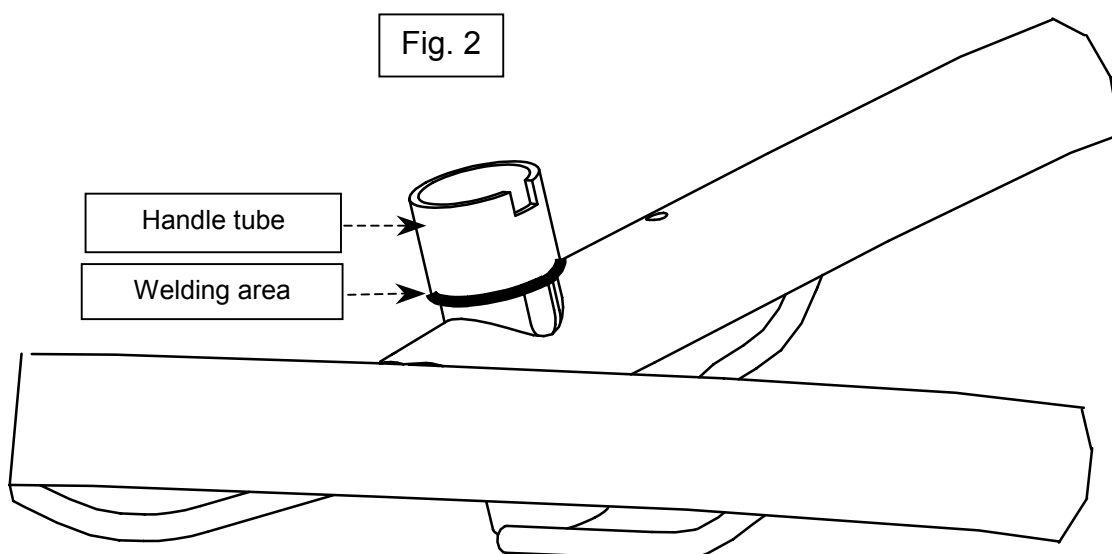
- Remove hexagonal socket head screw from lower handle.
- Remove canopy handle assembly.

### 2.2.3 Removal of the two bubbles (3/4 h)

- Remove all screws fixing left and right bubbles on canopy frame.
- Remove bubbles.
- Remove seals.

## 2.3 Change operations

- Prepare soldering area.
- Solder handle tube on frame at handle way tube level (refer to figure 2).



- Paint scraped off areas

## 2.4 Installation operations

### 2.4.1 Installation of both bubbles (2 h 30 min)

- Install seals.
- Install bubbles.
- Screw all left and right bubbles fixation screws in canopy frame assembly.

### 2.4.2 Canopy handle installation

- Install handle inserting new parts (refer to figure 1).

### 2.4.3 Canopy installation (2 persons)

- Put front shaft springs in position.
- Put jettison handle in normal position. Make sure that stop is correctly inserted in the upper arch hole.
- Set canopy over the cockpit, engage rear shaft first and the two front shafts in their slots.
- Push rear release cotter pin and then both front pins. Make sure all pins are well engaged into support shafts' holes.
- Check canopy closing and locking.
- Adjust, rear hooks slots, if necessary.

Note : During installation, do not hold canopy directly on plexiglas to avoid scratch risks.

### 3. MATERIAL INFORMATION

Complete set of components can be ordered under designation: CANOPY HANDLE MODIFICATION KIT, with management reference: 00-00-01-001.

New P/N.	Quantity	Key word	Old P/N.	Instructions
5634-0104019	1	Handle (Poignée)	CAP10-10-19-07A	Interchangeable
5634-0011030	1	Hook (Crochet)	CAP10-10-19-20A	Interchangeable
5633-0012015	1	Jettison lever (Lever de largage)	CAP10-10-19-01B	Interchangeable
5633-0012012	1	Pin (Pion)	CAP10-10-19-04C	Interchangeable
5633-0012018	1	Cam (Excentrique)	CAP10-10-19-03A	Interchangeable
5634-0103038	1	Flange (Collerette)		New part
86185	1	Flange (Collerette)		To be discarded
5634-0103037	1	Handle tube (Tube de poignée)		New part
5634-0103039	1	Rod (Tige)		New part
5634-0103040	1	Gasket (Joint)		New part
5634-0012019	2	Washer (Rondelle)	CAP10-10-19-09	Interchangeable
5634-0012020	1	Washer (Rondelle)	CAP10-10-19-19	Interchangeable
5634-0012021	1	Spring (Ressort)	CAP10-10-19-08B	Interchangeable
5634-0012026	1	Stop (Butée)	CAP10-10-19-21C	Interchangeable
2276	1	Jettison handle (Poignée de largage)	1358	Interchangeable
92-42-531	1	handle (Poignée)	CAP10-10-19-06B	Old P/N to be discarded
22435BC050L	1	Lower hexagonal nut (Erou hexagonal bas)	L22435-050BCL	Interchangeable
23111AG040L	1	Flat washer (Rondelle plate)	L23111-40AGL	Interchangeable
22542K040L	1	Self locking nut (Erou à frein incorporé)	4TA10BE	Interchangeable
22305BC030007L	3	Hexagonal socket head screw (Vis sans tête à 6 pans creux, à bout plat)	L22297-30-7BCL	Interchangeable
E27181-60Q8XCAL	1	Hexagonal socket head screw (Vis sans tête à 6 pans creux, à bout tronconique)		Interchangeable
86184	1	Rubber washer (Rondelle caoutchouc)		To be discarded
CAP10-10-10-19-05B	1	Ring (Bague)		To be discarded
5634-0103010	3	Wire stop (Butée de câble)	CAP10-10-19-10	Interchangeable
<i>For current prices, please contact ASCO Aviation Service Center.</i>				