



**SERVICE BULLETIN**  
**SB0423 Apr 6, 2023 Rev 0**

**Battery 4076-10 P/N 017702-000**  
**Inserting 017702-000 Configuration to CMM 24-31-41 rev 00**

**1. Summary**

The service bulletin adds the IPL configuration of Saft battery type 4076-10 P/N 017702-000 manufactured in Valdosta factory and FAA approved.

**2. Planning information**

**A. Effectivity**

Holders of Saft battery type 4076-10 (P/N 017702-000) that utilize CMM 24-31-41 rev 00.

**B. Concurrent requirements**

Not applicable

**C. Reason**

Add information to the current CMM 24-31-41 that did not reflect Valdosta part numbers and configuration.

**D. Description**

This service bulletin provides the new IPL reflecting Valdosta part numbers for the 4076-10 P/N 017702-000 configuration to be used for performing maintenance per CMM 24-31-41.

**E. Compliance**

This service bulletin shall be accomplished by a qualified battery maintenance technician using the enclosed information for Saft battery type 4076-10 P/N 017702-000 to be used for performing maintenance per CMM 24-31-41.

**F. Approval**

The technical requirements of this Service Bulletin have been written by Saft Aviation Product Support. The repairs and modifications herein are minor per 14 Code of Federal Regulations (CFR) 21.93/CS 21.93 and comply with the applicable regulations and are on record with the supplier as FAA-approved, as well as EASA/JAA approved by process via 14 CFR 21.95/CS 21.95.

**G. Manpower**

This Service Bulletin does not require any additional time to complete.

**H. Weight and balance**

No change

**I. Electrical load data**

No change

**J. Software accomplishment summary**

Not Applicable

**K. References**

1. Existing Data:
  - Component Maintenance Manual 24-31-41 rev 00
2. Data Supplied with this Service Bulletin:
  - IPL contained herein



**SERVICE BULLETIN**  
**SB0423 Apr 6, 2023 Rev 0**

**L. Other publications affected**

Not Applicable

**M. Interchangeability or Intermixability of parts**

Not Applicable

**3. Material Information**

**A. Material and price availability**

Materials and prices are as normal using the attached IPL.

**B. Industry support**

No addition support required.

If technical assistance is needed, contact Aviation Product Support at [aircraft@saft.com](mailto:aircraft@saft.com).

**C. Material necessary for each component**

Not Applicable

**D. Material necessary for each spare**

Not Applicable

**E. Reidentified parts**

Not Applicable

**F. Tooling – Price and Availability**

Refer to SPECIAL TOOLS, FIXTURES, EQUIPMENT, AND CONSUMABLES section in CMM 24-31-41 for complete list of items needed to perform this Service Bulletin

**4. Accomplishment instruction**

**A. General**

Utilize the following 24-31-41 IPL while using Component Maintenance Manual (CMM) 24-31-41 for pages 10001-1 and 10001-2.

**24-31-41 IPL**

FIGURE & ITEM	PART NUMBER		AIRLINE PART NO.	NOMENCLATURE 1234567 .....	EFF CODE	UNITS PER ASSY
	F6177	09052				
01						
- 001A	4076-10			Battery 4076-10, VP400KH (410763)	A	RF
- 001B	4076-23			Battery 4076-23, VP400KH (415019)	B	RF
-001C		017702-000		Battery 4076-10, VP400KH	C	RF
010A	410778			. Box and cover complete	A	1
010B	415154			. Box and cover complete	B	1
020B	412488			. Handle	B	2
030	114300			. . Cover complete	A, B	1
-030C		015599-000		. . Cover complete	C	1
040	102295	NP		. . . Cover, assembly	A, B	1
050	113605	NP		. . . Gasket, cover	A, B	1
060	062007	015579-000		. Nut, M10x1.25		42
070	100094			. Washer, spring	A, B	42

ERQ0194 version A.2



**SERVICE BULLETIN**  
**SB0423 Apr 6, 2023 Rev 0**

FIGURE & ITEM	PART NUMBER		AIRLINE PART NO.	NOMENCLATURE 1234567 .....	EFF CODE	UNITS PER ASSY
	F6177	09052				
-070C		022228-000		. Washer, spring	C	42
080A	012374	015575-000		. Link, intercell, E34	A, C	15
080B	012374			. Link, intercell, E34	B	14
090	015539	015577-000		. Link, intercell, E37		2
100	015266	015578-000		. Link, intercell, E49		1
110	057014	015576-000		. Link, curved		3
120B	114767			. Link, curved	B	1
130	063412			. Cell, VP400KH, assembly		20
-130C		015502-000		. Cell, VP400KH, assembly (OPT TO ITEM 130)		20
140	415213			. . Vent valve, complete		1
-140C		015957-000		. . Vent valve, complete (ALT TO ITEM 140)		1
150	062007	015579-000		. . Nut, M10x1.25		2
160	100094			. . Washer, spring		2
-160A		021871-000		. . Washer, spring (OPT TO ITEM 160)		4
170	100694			. . Washer, positive polarity		1
-170C		023388-001		. . Washer, positive polarity (OPT TO ITEM 170)		1
180	100693			. . Washer, negative polarity		1
-180C		023388-002		. . Washer, negative polarity (OPT TO ITEM 180)		1
190	100078	021870-000		. . Washer, flat		2
200	411424			. Inner-spacer kit	A, B	1
-200C		019736-000		. Inner-spacer kit	C	1
210	100431			. Screw, F/90x1.20	A, B	4
220	100430			. Washer, locking	A, B	4
-224		093616-000		. Screw, Sems, 8x32	C	4
230	102392	021740-000		. Power connector complete		1
240	100713			. O-ring, 56.75	A, B	1
-240C		009384-000		. Gasket	C	1
250	166925	NP		. Power connector cover	A, B	1
-250C		018364-000		. Power connector cover, marked	C	1
260	415022	NP		. Sensor connector cover		1
270	007788	NP		. Washer, 14.5/24		1
280	166900	017446-000		. Sensor connector complete	A, C	1
290	NP	NP		. . Sensor connector assembly	A, C	NP
300	NP	NP		. . Nut, sensor	A, C	NP
310B	415021			. Sensor connector cover	B	1
320B	114724			. Washer, 18.5/32	B	1
330B	114722			. Sensor, complete	B	1
340B	NP			. . Sensor, assembly	B	1
350B	NP			. . Nut, sensor	B	1
360B	105405			. . Nut, 6/32"	B	1



**SERVICE BULLETIN**  
**SB0423 Apr 6, 2023 Rev 0**

FIGURE & ITEM	PART NUMBER		AIRLINE PART NO.	NOMENCLATURE 1234567 .....	EFF CODE	UNITS PER ASSY
	F6177	09052				
370A	410764			. . Box complete	A	1
380B	415020			. . Box complete	B	1
-380C		021499-000		. . Box complete	C	1
390	117026	NP		. Film, protector	A, B	1
400	411108	NP		. Plate, identification	A, B	1
410	031282	NP		. Plate, filling instruction	A, B	2
420	034031	NP		. Plate, amendment	A, B	1
430	413609	NP		. Plate, SAFT label	A, B	2
440	280068	NP		. Plate, recycling	A, B	1

DASH (-) ITEM NOT ILLUSTRATED

**B. Notes**

1. All instances referencing (030) should be (030 or 030C).
2. All instances referencing (070) should be (070 or 070C).
3. All instances referencing (130) should be (130 or 130C).
4. All instances referencing (140) should be (140 or 140C).
5. SUBTASK 24-31-41-420-004 to become:

**A. Installation of the liner spacer kit (200 or 200C) Ref. Fig. 7001**

- (1) Put in position the E insulators if part of the (200).
- (2) Put in position the A, B, C, D, F, G, and H side spacers.
- (3) Install the cells.



**SERVICE BULLETIN**  
**SB0423 Apr 6, 2023 Rev 0**

This document and all information contained herein are the property of Saft. Its use is restricted solely to the maintenance of Saft batteries and may under no circumstances be used for any other manufacturer's products. No person may, in whole or in part, duplicate, use or disclose this information for any other purpose without the prior written consent of Saft.