




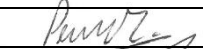

## SERVICE BULLETIN – SB035

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| Revision:  | 00         |
| Rev. Date: | 03/07/2025 |

I.C.P. Srl



### SERVICE BULLETIN 35 – Wiring connector verification

|          | Function                   | Name              | Signature  |
|----------|----------------------------|-------------------|--|
| Prepared | TECNIC - Technical Manager | Federico Peronato |   |
|          | N/A                        | N/A               | N/A  |
| Verified | TECNIC - Technical Manager | Federico Peronato |   |
| Approved | DIG - Accountable Manager  | Tancredi Razzano  |  |

| Revision | Date       | Description | Issued by         |
|----------|------------|-------------|-------------------|
| 00       | 03/07/2025 | First issue | Federico Peronato |
|          |            |             |                   |
|          |            |             |                   |
|          |            |             |                   |



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### 1. Classification

The following classification is used for I.C.P. Srl manufacturer Service Bulletins: Mandatory - Recommended - Optional - Informational.  
The present Service Bulletin has been classified:

**MANDATORY**

### 2. Subject

Wiring connector verification and rectification (if needed) of the part number SS406J, which is part of the cables SS461.

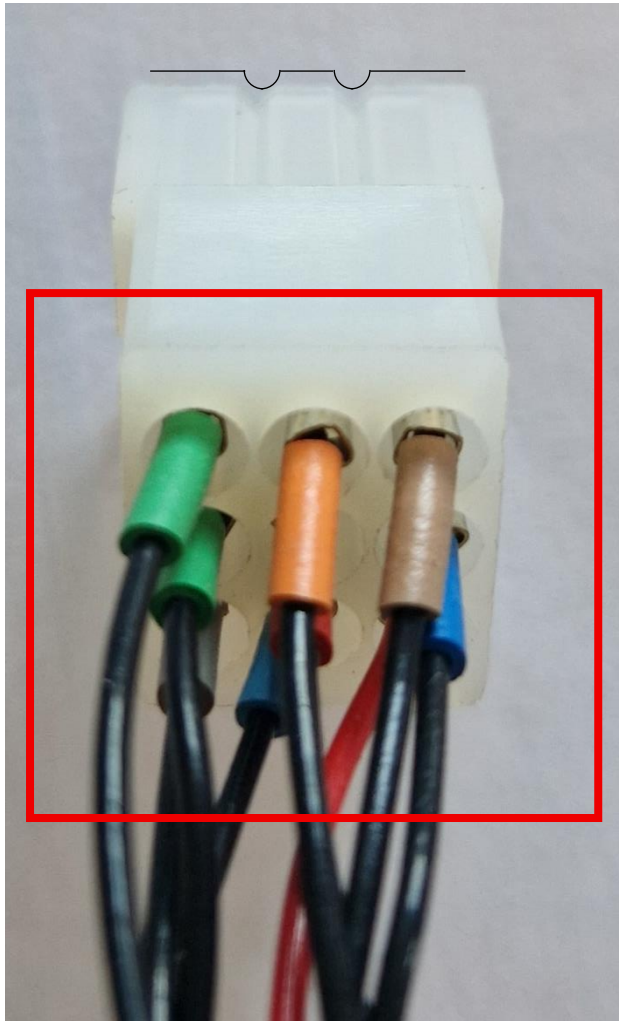
#### 2.1. Reason

During the verification of the wiring production in I.C.P., a connector was found to be assembled with the wrong order of wirings. The wrong sequence can not produce any damage to the airplane systems, instruments or avionics, but can lead to a not correct function of the engine instruments. It is anyway suggested to not install the affected wiring or switch on the master battery (or even connect the battery positive pole) before the cable SS406J has been verified.



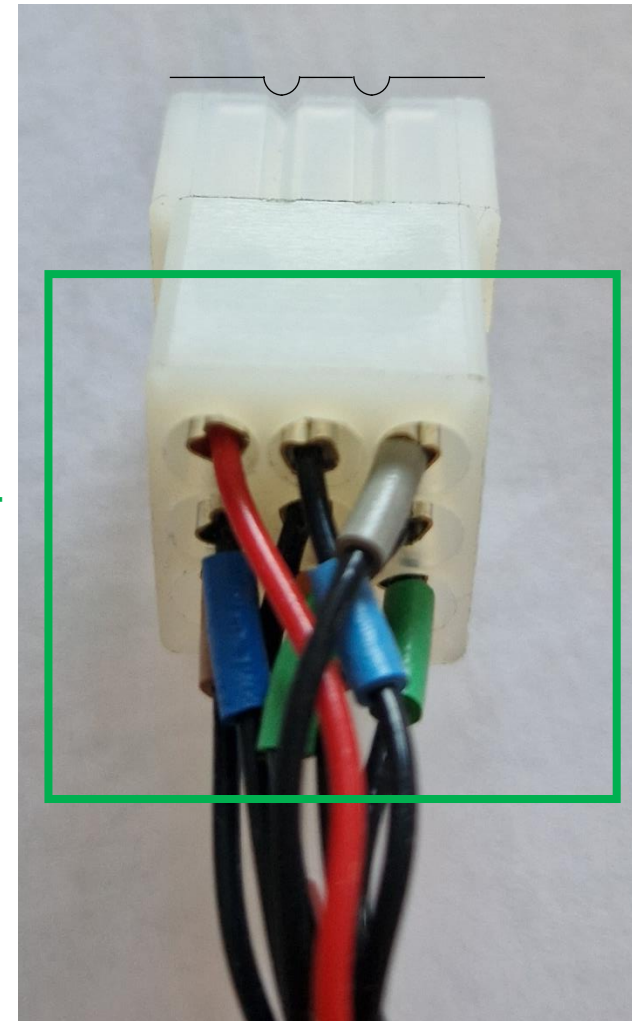
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**WRONG  
INSERTION  
SEQUENCE**

**CORRECT**



*Figure 1: Mate-N-Lok 3x3 way connector; wrong vs correct insertions*



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### 3. Applicability

The present *SB* is applicable only to the Kits of Savannah SR. Ready to fly airplanes are already verified and wiring is compliant to the design. The following *Table 1* shows the applicable Serial Numbers. Other airplanes are not affected.

| Savannah SR Kits |                 |                 |                 |                 |                 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 24-02-56-0006-K  | 24-04-56-0019-K | 24-05-56-0023-K | 24-07-56-0030-K | 24-08-56-0037-K | 24-12-56-0048-K |
| 24-03-55-0010-K  | 24-04-56-0020-K | 24-05-56-0024-K | 24-07-56-0031-K | 24-10-56-0041-K | 25-01-56-0049-K |
| 24-04-56-0014-K  | 24-04-56-0021-K | 24-05-56-0025-K | 24-08-56-0032-K | 24-11-56-0042-K |                 |
| 24-04-56-0015-K  | 24-05-56-0022-K | 24-06-56-0026-K | 24-08-56-0033-K | 24-12-56-0045-K |                 |

*Table 1: Affected airplanes (total of 22)*

### 4. Compliance

The present Service Bulletin must be applied as soon as possible. Perform the *SB* before the wiring are installed in the airplane is the best solution to simplify the work. If the wiring has already been installed, identify the group of wires attached to the instrument panel, search and verify the connector affected and re-order correctly the wires sequence, just in case it is found not correct.

### 5. Approval

No authorities.

### 6. Labor time

The labor time is 10 minutes.



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### 7. Warranty

I.C.P. do not recognize any warranty on this wiring verification and, eventually, rectification because it is very short work and the kit builder should have sufficient knowledge and equipment to perform this function. Any additional request or information for assistance during the operation could be requested at the following contracts.

#### 7.1. Contacts

|                   |   |   |
|-------------------|---|---|
| Telephone         | : | (+39) 011 9927503   |
| Website           | : | <a href="http://www.icp.it">http://www.icp.it</a>   |
| Email             | : | <a href="mailto:info@icp.it">info@icp.it</a>  |
| PEC               | : | <a href="mailto:icpsrl@pec.it">icpsrl@pec.it</a>  |
| C.C.I.A.A.        | : | 00611190059   |
| VAT number E C.F. | : | (IT) 00611190059  |
| Address           | : | S.P. 16 km 15,150<br>Castelnuovo Don Bosco, Italy, 14022                                      |
| Airworthiness     | : | <a href="mailto:tecnico@icp.it">tecnico@icp.it</a>  |
| National Dealers  | : | <a href="https://www.icpaviazione.it/en/dealers/">https://www.icpaviazione.it/en/dealers/</a> |

#### 7.2. Support

Any additional information can be requested to the National Dealer or directly to I.C.P. Srl to the email [info@icp.it](mailto:info@icp.it).

#### 7.3. Material - Price and Availability

No materials are needed.



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### 8. Tools and Equipment

To disassemble the Mate-N-Lok pins, could be needed an “Insertion & Extraction Tool for pins”. E.g.: TE connectivity Extraction Tool part nr. 2063388-1. Eventually, it could be used also a small flat screw driver for electronics, paying attention to not damage the small locking “wings” of the pins.

### 9. Variations

#### 9.1. Weight and Balance

No change at the aircraft level.

#### 9.2. Electrical load

No changes.

#### 9.3. Interchangeability

None.

#### 9.4. Limitations

None.



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### 10. Accomplishment Instructions

#### 10.1. Reference documents

Construction Manual Kit 2&3 Chapter 00 - Introduction (CMK2&3-SVSR-CAP00-Rev03)

Construction Manual Kit 2&3 Chapter 02 - Electrical wiring (CMK2&3-SVSR-CAP02-Rev01)

Airplane Pilot's Operating Handbook

Airplane Maintenance Manual

#### 10.2. Instructions

Apply the following list of points to perform the Service Bulletin:

- Identify the affected wiring SS406J and connector, as shown in *Figure 2*;
- Verify the sequence of wires insertion in the connector, as shown in *Figure 1*. Follows in *Table 2* the correct sequence of wires insertion;

| Two slits placed upward    |           |   |            |   |           |
|----------------------------|-----------|---|------------|---|-----------|
| Rear view of the connector |           |   |            |   |           |
| 1                          | Red       | 2 | Blk Cyan   | 3 | Blk Grey  |
| 4                          | Blk Blue  | 5 | Blk Red    | 6 | Blk Green |
| 7                          | Blk Brown | 8 | Blk Orange | 9 | Blk Green |

*Table 2: Correct sequence of wires in the connector*

- If the wires sequence has been found installed correctly, the Service Bulletin is considered complete, no need of other action;
- If the wires sequence is not correct, disassembly all the pins with the tools highlighted in *Ch. 8*;
- Then, re-install the pins with the correct sequence, as shown in the right side of *Figure 1* and *Table 2*;





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- When completed, verify all the pins are correctly fixed in the connector;
- Please, communicate to I.C.P. via email, the Service Bulletin has been executed, whether the problem was present or not.

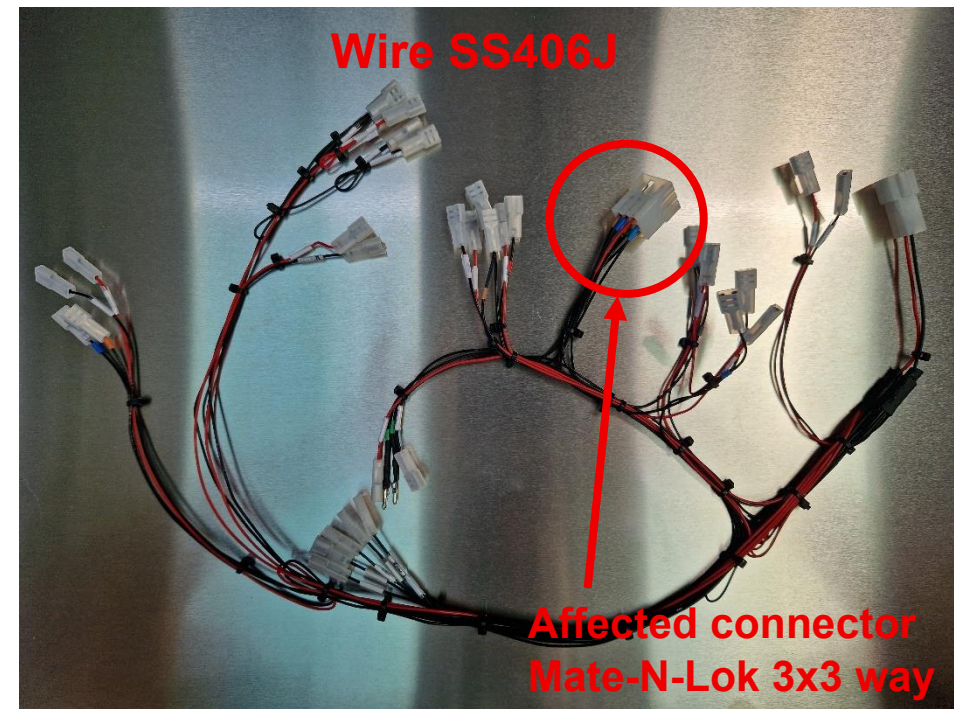


Figure 2: Wiring and connector identification



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### 10.3. Verifications

Verify again the pins sequence is correct according to *Table 2*, and correctly fixed in the connector.

#### 10.3.1. Ground test

None.

#### 10.3.2. Flight test

None.

#### 10.3.3. Documentation

No action needed.