 Swift Construction Co. WORK INSTRUCTION	Title: ASSY, AIRCRAFT WIRELESS	
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1 Purpose

To provide instructions for the product level assembly of PN 10000001 (ASSY,AIRCRAFT WIRELESS).

2 Scope

This work instruction shall be used for internal use only, it is suitable for providing to 3rd-party contract assemblers.

2.1 Definitions

None.

2.2 Records Retention

A record of the serial number and the manufacturing test results must be entered in *Maestro*.

3 Responsibility and Authority

The Director, Manufacturing, has responsibility and authority for maintaining this work instruction. The assembler is responsible for correct assembly of devices according to this work instruction.


4 Procedure

4.1 Health and Safety Concerns

Safety glasses and shoes are recommended.

4.2 Required Equipment

Screwdrivers	#2 Philips screwdriver medium flat-blade screwdriver
Product serial number label	Standard 3x5-inch label containing PN, Name, and S/N printed from <i>Maestro</i> .

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4.3 Assemble Product

1. Print a BOM (bill of materials) using *Maestro* and pick the necessary parts.
2. Assemble the enclosure according to the assembly drawing.

Note that the PCA mounts with the copper side of the PCA (the side with VC1) towards the enclosure lid. Also note that shorter metal standoff's are used to mount the PCB. This is different from the previous version of the assembly.

3. Re-test the assembled enclosure using the PCA test procedure (see 20000003_WI).

Note: connect the antenna to the Yellow binding post.

1. If the test passes, log into *Maestro*, print a serial number product label and affix the serial number label to the enclosure.
2. If the test does not pass, repair the unit and repeat the test.

5 Related and Support Documentation

None.

6 Revision History

Date	Name	Change Description
2013-01-01	Hank Baldwin	Creation (for EngBOM release of prelim PCA-level)
2013-01-03	Hank Baldwin	Revised for Product Release
2013-01-04	Hank Baldwin	PCA now mounted copper-side towards lid