

CONTRACT AIRCRAFT EXPERIMENT INSTALLATION ENGINEERING REQUIREMENTS

1. Provide a floor plan layout depicting the location of experiment equipment inside and outside the aircraft (this includes rack and operator seats). This drawing can be CAD or hand drawn.
2. Provide proof of an electrical load analysis performed.
3. Provide proof of an electro-magnetic interference check performed with avionics (email confirmation acceptable).
4. If a DER performed experiment installation engineering work and the FAA process was followed then provide a signed 8110-3 form for each item requiring this form. One form may cover all installations.
5. If no 8110-3 form is provided, then contact NASA for further engineering requirements. In this case, NASA will become the review and approval authority for all engineering work.