**Part 1 - Definitions**

**Design change:**
A change to a type design or a change to any other part of a type certificate or type acceptance certificate that if incorporated would require the modification or repair of a product, its components, or an appliance.

**Repair:**
A design change that is intended to return the product, component, or appliance to its original or properly modified configuration.

**Modification:**
A design change that generally results in a change to the configuration of a product, component, or appliance.

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**Part 21, Appendix D - Summary**

**Acceptable Technical Data**
1. NZ type certificate data sheets
2. Foreign type certificate data sheets used for the issue of a type acceptance certificate
3. Type design data for type certificated products
4. Approved design change data under 21.73
5. Data provided by the Authority in an advisory circular
6. Supplemental type certificates issued by the FAA, CASA, or Transport Canada
7. Manufacturers specific instructions – ICAs, AMM, SRM, O/HM, CAD, SB etc.
8. FAA AC 43.13-1B
9. FAA 43.205 - Summary
10. Install Modification or Repair IAW Acceptable Technical Data and Part 43

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**Form 337 - IA Conformity Inspection and Certification**

- **IA Conformity Required:** Consult with authorised person (43.203) prior to starting.
- **Install Modification or Repair IAW Acceptable Technical Data**
- **Part 43**

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**Release to Service**
Copy to:
1. Owner - A/C records
2. CAA within 7 days

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**Modification / Repair Process**

1. **Am I carrying out a Design change?**
   - Yes: Proceed to next step.
   - No: Proceed to next step.

2. **Do I have Technical Data?**
   - Yes: Proceed to next step.
   - No: Proceed to next step.

3. **Is it Acceptable Technical Data?**
   - Yes: Proceed to next step.
   - No: Proceed to next step.

4. **Is the Mod a Major Design Change?**
   - Yes: Requires STC.
   - No: Proceed to next step.

5. **Is it a Repair?**
   - Yes: Approved data becomes Acceptable Technical Data.
   - No: Proceed to next step.

6. **Is the Mod/Repair Major?**
   - Yes: **Form 337 - Approval of Data**
   - No: Proceed to next step.

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**MAINTENANCE IAW Part 43 Release to Service**

**Requirements:**
- One-off installations or single operator fleet may be authorised as modifications.
- Develop & collate data mod/repair data for STC approval.
- STC Approval of Data (Note: One-off installations or single operator fleet may be authorised as modifications).

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**NB:** All acceptable technical data must be appropriate, directly applicable and not contrary to manufacturers data.