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**SECTION I: Data pertinent to both Model 172R and Model 172S****A. General**

1. **Manufacturer:** Cessna Aircraft Company P.O. Box 7704 Wichita, Kansas 67277 U.S.A.
2. **Airworthiness Category:** Normal and Utility
3. **SAAU Certification Application date:** 05 May 2010
4. **SAAU Type Certification date:** 03 August 2012

**B. Certification Basis**

1. **FAA Certification Basis:** As defined in FAA TCDS 3A12
2. **SAA Certification Basis:**
- 2.1. **Airworthiness Requirements:** Airworthiness Standards for Civil Light Aeroplanes AR-23
- 2.2. **Environmental Requirements:** ICAO Annex 16, Volume I
- 2.3. **SAA Equivalent Safety Findings:**
- |  |   |
|--|---|
| AR 23.607                                  | Fasteners<br>(ref. SAAU CRI D-2)                            |
| AR 23.562(c)(5)                            | Emergency landing dynamic conditions (ref. SAA CRI CW-1)    |
| AR 23.1093                                 | Induction system icing protection (ref. SAAU CRI E-05)      |
| AR 23.1143(g)                              | Engine controls<br>(ref. SAAU CRI E-06)                     |
| AR 23.1147(b)                              | Mixture controls<br>(ref. SAAU CRI E-06)                    |
| AR 23.1521(b)(5),<br>(c)(4); 23.1583(b)(1) | Powerplant limitations<br>(ref. SAAU CRI E-07)              |
| AR 23.1326(b)                              | Pitot heat indication system<br>(ref. SAAU CRI A-2)         |
| AR 23.1353(A)                              | Storage battery design and installation (ref. SAAU CRI A-3) |
| AR 23.F.8.7.3.5.4                          | Crew cockpit layout (ref SAAU CRI A-14A and A-14B)          |
| AR 23.F.8.4.3.2                            | Radio communication equipment<br>(ref. SAAU CRI A-15)       |
| AR 23.1309(b)(1)                           | Equipment, systems, and installation (ref. SAAU CRI A-09)   |

**C. Technical Characteristics and Operational Limitations**

1. **Description:** Single-engine, 4 place (Normal Category) or 2 place (Utility Category), all-metal, high-wing landplane with fixed tricycle landing gear (see Note 1).

