

JCAB Significant Standards Differences  
(Revision 1: As of March 30, 2020)

1. General

These lists are required by the BASA Implementation Procedure for Airworthiness (IPA) between the FAA and JCAB, revision 1 dated November 1, 2019, and support the implementation of the IPA for products to be validated by JCAB for Airworthiness and Environmental Certification. These lists will be further updated to incorporate its amendment of each standard, and to correct any errors.

2. Significant Standards Differences (SSD) Lists

JCAB has incorporated the equivalent of 14 CFR Parts 23, 25, 27, 29, 33 and 35 into the Airworthiness Inspection Manual (AIM) Parts II, III, IV, V, VII and VIII respectively. JCAB has also incorporated equivalent of 14 CFR Part 26 into AIM Part III-2 partially. JCAB has incorporated the equivalent of ICAO Annex 16, Volumes I, II, and III, environmental requirements, into the Civil Aeronautics Regulations (CAR), Appendix 2, 3, and 4 respectively.

- A) For small airplane, AIM Part II is identical to 14 CFR Part 23, §23.1529, and has included 14 CFR Part 23 Amendments 23-1 through 23-63, except Amendment 23-60.

JCAB incorporated the equivalent of SFAR-41 into AIM Part II, Chapter 8.

Subject	AIM Part II	14 CFR Part 23	Description
Instruction for Continued Airworthiness (ICA)	Section 7-2-10	§23.1529	Applicants must prepare complete ICA when the type certification is issued by JCAB.
Additional Requirements for the Normal Category Airplanes with Maximum Takeoff Weight (MTOW) more than 5,700kg (12,500lbs).	Chapter 8	None (Part 21 SFAR-41)	JCAB incorporated the equivalent of SFAR-41 into AIM Part 2, Chapter 8.

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- B) For transport airplane, AIM Part III is identical to the 14 CFR Part 25, except §25.5 and §25.1529, and has included Amendments 25-1 through 25-144.

Subject	AIM Part III	14 CFR Part 25	Description
Incorporation by reference	None	§25.5	JCAB did not incorporate 14 CFR Part 25, §25.5.
Instruction for Continued Airworthiness (ICA)	Section 7-2-11A Appendix H	§25.1529	Applicants must prepare complete ICA when the type certification is issued by JCAB.
Sudden Release of Pressure	JCAB Circular 7-007	§25.365(e)	JCAB special requirement “Sudden Release of Pressure,” which is equivalent of 14 CFR Part-25 §25.365(e), will be applied to the airplanes, if the certification basis of the aircraft is 14 CFR Part-25 as amended by Amendment 25-70 or before.

- C) JCAB has incorporated equivalent of 14 CFR Part 26, Subpart-A and Subpart-B, into AIM Part III-2. 14 CFR Part 26, Subpart-C, D and E have not been incorporated.

Subject	AIM Part III-2	14 CFR Part 25	Description
Definition	None	§26.3	JCAB did not incorporate 14 CFR part 26, §26.3.
Applicability table	Section 1-2	§26.5	JCAB has not incorporated 14 CFR Part 26, §26.5 amendment 26-1 to 26-5.
Aging Airplane Safety – Widespread Fatigue Damage	None	Subpart C	JCAB has not incorporated 14 CFR Part 26, Subpart C.
Fuel Tank Flammability	None	Subpart D	JCAB has not incorporated 14 CFR Part 26, Subpart D.
Aging Airplane Safety – Damage Tolerance Data for Repair and Alterations	None	Subpart E	JCAB has not incorporated 14 CFR Part 26, Subpart E.

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D) For small rotorcraft, AIM Part IV is identical to the 14 CFR Part 27, except §27.1529, and has included Amendments 27-1 through 27-48.

Subject	AIM Part IV	14 CFR Part 27	Description
Instruction for Continued Airworthiness (ICA)	Section 7-2-8	§27.1529	Applicants must prepare complete ICA when the type certification is issued by JCAB.

E) For transport rotorcraft, AIM Part V is identical to the 14 CFR Part 29, except §29.1529, and has included Amendments 29-1 through 29-56.

Subject	AIM Part V	14 CFR Part 29	Description
Instruction for Continued Airworthiness (ICA)	Section 7-2-9	§29.1529	Applicants must prepare complete ICA when the type certification is issued by JCAB.

F) For engine, AIM Part VII is identical to the 14 CFR Part 33, except §33.4, and has included Amendments 33-1 through 33-34.

Subject	AIM Part VII	14 CFR Part 33	Description
Instruction for Continued Airworthiness (ICA)	Section 1-2A	§33.4	Applicants must prepare complete ICA when the type certification is issued by JCAB.

G) For propeller, AIM Part VIII is identical to the 14 CFR Part 35, except §35.4, and has included Amendments 35-1 through 35-9A.

Subject	AIM Part VIII	14 CFR Part 35	Description
Instruction for Continued Airworthiness (ICA)	Section 1-3	§35.4	Applicants must prepare complete ICA when the type certification is issued by JCAB.

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H) JCAB Specific Requirements, for “Small Airplanes,” “Transport Airplanes,” “Small Rotorcrafts,” “Transport Rotorcrafts,” “Engines” and “Propeller.”

Subject	Applicable Regulations and/or Requirements	Description
System Safety Assessment	JCAB Circular 1-001	JCAB may requests to provide the system safety assessment for concerned systems.
Significant Changes for Cabin Specification	JCAB Circular 1-001	Changes of the Japanese Markings and /or Placards attached to the cabin corresponding, and changes of the cabin configuration specified in JCAB Circular 1-001, Chapter 2, section 5-1(1)(b)(ii) must be evaluated by JCAB.
Airplane/Rotorcraft Flight Manual	JCAB Circular 1-001, JCAB Circular 1-027	JCAB requests to establish the Airplane/Rotorcraft Flight Manual (AFM/RFM) Supplement, which called as “JCAB Supplement,” to meet JCAB requirements. JCAB Supplement should include the Contents specified in JCAB Circular 1-027.
Environmental Requirements	JCAB Circular 1-001	JCAB requests to receive Aircraft Noise Certificate data specified in ICAO format, and to incorporate in the Airplane Flight Manual.
Japanese Markings and/or Placards	JCAB Circular 1-008	JCAB evaluates Markings and/or Placards which shall be indicated in Japanese for Emergency Exit, Safety Equipment, etc.
Installation of White Strobe Light	JCAB Circular 1-026	Applicable to “Small Rotorcrafts” and “Transport Rotorcrafts” only. Installation of white strobe light must be evaluated and approved by JCAB. JCAB requests to establish supplemental Rotorcraft Flight Manual for installation of white strobe light.

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- I) For Environmental Standards, CAR Appendix 2, 3 and 4 are equivalent to the ICAO Annex 16, Volume I, II, and III respectively.
- 1) CAR Appendix 2 is equivalent to ICAO Annex 16, Volume I Aircraft Noise Standards.  
JCAB did not incorporate noise standards of ICAO Annex 16, Volume I, Part II, Chapter 7, 9, 12, and 13 into CAR Appendix 2.
  - 2) CAR Appendix 3 is equivalent to ICAO Annex 16, Volume II Aircraft Engine Emission Standards.
  - 3) CAR Appendix 4 is equivalent to ICAO Annex 16, Volume III Aeroplane CO2 Emission Standards.