



Ref. : 18/ADMIN/PUB/1284

الرقم :

Date : 14/08/2013

التاريخ :

Royal Jordanian Airlines
Jordan Aviation
Royal Wings
Arab Wings
Royal Falcon Airlines
Petra Airlines
Royal Jordanian Air Academy
Mideast Aviation Academy
Ayla Aviation Academy
Royal Jordanian Falcons
Royal Jordanian Gliding Club
Royal Aero Sports Club of Jordan
Alshohra Aviation
Raya Jet
Solitaire Air

Subject: Attestation of Aircraft Noise Certification

This is to notify you of the issuance of the subject procedure, any application for a Noise Certificate after the date of this letter shall be made in accordance with the guidelines established in the procedure.

Kindly find attached copy of CARC/AWSD AI no. 18/ADMIN/PUB/1284, issue date 14/08/2013 "Attestation of Aircraft Noise Certification".

Sincerely,

Dr. Mohammad Al-Husban
Director Airworthiness Standards

cc. CEO/Chief Commissioner
Commissioner for Safety & Security
Director Flight OPS Standards

CARC/AWSD	Airworthiness Instruction
AI No. 18/ADMIN/PUB/1284, issue date: 14/08/2013	
Subject: Attestation of Aircraft Noise Certification	
<p>Applicability:</p> <p>This AI apply to all aircraft included in the classifications defined for noise certification in Chapters 2, 3, 4, 5, 6, 8, 10, 11 and 12 of Annex 16 Volume I “Aircraft Noise” Part II where such aircraft are engaged in international air navigation.</p>	
Effective Date: /07/2013	
<p>General:</p> <p>Noise certificate is validated by CARC on the basis of satisfactory evidence that the aircraft complies with requirements that are at least equal to the applicable Standards specified in Annex 16 Volume I “Aircraft Noise”.</p> <p>The Airworthiness Inspector should ensure that the application is complete and include all required information. The application shall be supported by sufficient substantiations; e.g. AFM certified noise measurement, state of design noise certificate, amended noise certificate issued by appropriate organization due to incorporated change ...etc.</p>	
<p>Application:</p> <p>An application for Noise Certificate consists of following:</p> <ol style="list-style-type: none"> 1) Properly completed application form, “CARC Form 18-312”, 2) Noise measurement, substantiations and applicability, and 3) Identification and listings of modifications and repairs with impact on noise certification. 	
<p>Review and Assessment:</p> <p>AWSD conducts review on the application and its attachments. Principally, the Airworthiness Inspector considers the following requirements when conducting the review:</p> <ol style="list-style-type: none"> 1) The application is accurate and contain all relevant information, 2) Sufficient justifications and substantiations are attached with the application, 	

- 3) Additional modifications incorporated for the purpose of compliance with the applicable noise certification standards,
- 4) Modifications and repairs with impact on noise certification standards.

If the application cannot be accepted due to just cause or any of information or requirement is missing, the applicant will be informed in writing of the decision of rejection or in order to:

- Submit the correct data,
- Submit the missing information, or
- Submit additional data.

Issue of Aircraft Noise Certificate

When the Application for issuance of a noise certificate is found to be satisfactory, AWSD issues the Aircraft Noise Certificate and sends the certificate to the applicant.

The noise certificate continues to be valid unless it is impacted by a modification or a repair, where a new application shall be submitted to CARC for reissuance of the certificate.



Approved by:

Dr. Mohammad Al-Husban
Director Airworthiness Standards

Appendices

Appendix-1: Chapters of Annex 16 Volume I “Aircraft Noise” listings,

Appendix-2: Application for issuance of a noise certificate “CARC Form 18-312”,

Appendix-3: Noise Certificate “CARC Form 18-217”.


Appendix-1

Chapters of Annex 16 Volume I “Aircraft Noise” listings

Chapter	Title
Chapter 2	SUBSONIC JET AEROPLANES — Application for Type Certificate submitted before 6 October 1977
Chapter 3	1. SUBSONIC JET AEROPLANES — Application for Type Certificate submitted on or after 6 October 1977 and before 1 January 2006 2. PROPELLER-DRIVEN AEROPLANES OVER 5 700 kg — Application for Type Certificate submitted on or after 1 January 1985 and before 17 November 1988 3. PROPELLER-DRIVEN AEROPLANES OVER 8 618 kg — Application for Type Certificate submitted on or after 17 November 1988 and before 1 January 2006
Chapter 4	1. SUBSONIC JET AEROPLANES — Application for Type Certificate submitted on or after 1 January 2006 2. PROPELLER-DRIVEN AEROPLANES OVER 8 618 kg — Application for Type Certificate submitted on or after 1 January 2006
Chapter 5	PROPELLER-DRIVEN AEROPLANES OVER 5 700 kg — Application for Type Certificate submitted before 1 January 1985
Chapter 6	PROPELLER-DRIVEN AEROPLANES NOT EXCEEDING 8 618 kg — Application for Type Certificate submitted before 17 November 1988
Chapter 8	HELICOPTERS
Chapter 10	PROPELLER-DRIVEN AEROPLANES NOT EXCEEDING 8 618 kg — Application for Type Certificate or derived version submitted on or after 17 November 1988
Chapter 11	HELICOPTERS NOT EXCEEDING 3 175 kg MAXIMUM CERTIFICATED TAKE-OFF MASS
Chapter 12	SUPERSONIC AEROPLANES

Appendix-2

Application for issuance of a noise certificate “CARC Form 18-312”

	<p>The Hashemite Kingdom of Jordan Civil Aviation Regulatory Commission Application for issuance of a noise certificate</p>	
1. Applicant		
1.1 Applicant's Reference		
1.2 Name		
2. Aircraft		
2.1 Nationality and registration marks	JY-	
2.2 Manufacturer and manufacturer's designation		
2.3 Aircraft serial number		
2.4 Engine type and model		
2.5 Propeller type and model		
2.6 Maximum take-off mass		
2.7 Maximum landing mass		
3. Noise certification		
3.1 Chapter and section of Annex 16, Volume I, according to which the aircraft is certificated		
3.2 Additional modifications incorporated for the purpose of compliance with the applicable noise certification Standards		
3.3 The lateral/full-power noise level for documents issued under Chapters 2, 3, 4, 5 and 12 of Annex 16		
3.4 The approach noise level for documents issued under Chapters 2, 3, 4, 5, 8 and 12 of Annex 16		
3.5 The flyover noise level for documents issued under Chapters 2, 3, 4, 5 and 12 of Annex 16		
3.6 The over-flight noise level for documents issued under Chapters 6, 8 and 11 of Annex 16		
3.7 The take-off noise level for documents issued under Chapters 8 and 10 of Annex 16		
4. Reference documents and substantiations; Aircraft documentations (AFM, Noise TC, Modification, Noise Measurement ...etc)		
5. Applicant's declaration		
I confirm that the information contained herein is correct and complete. I agree to pay the fees levied by CARC in respect of the issuance of "Aircraft Noise Certificate".		
Date	Name	Signature

Appendix-3
Noise Certificate "CARC Form 18-217".

1. The Hashemite Kingdom of Jordan				
Civil Aviation Regulatory Commission			هيئة تنظيم الطيران المدني	
2. Noise Certificate			3. Certificate number	
4. Nationality and Registration marks:		5. Manufacturer and manufacturer's Designation of Aircraft:		6. Aircraft Serial Number:
7. Engine (Make & Model):			8. Propeller (Make & Model):	
9. Maximum Take-Off Mass (kg):		10. Maximum Landing Mass (kg) :	11. Noise certification Standard:	
12. Additional modifications incorporated for the purpose of compliance with the applicable noise certification standards:				
13. Lateral Full-Power Noise Level	14. Approach Noise Level	15. Flyover Noise Level	16. Overflight Noise Level	17. Take-Off Noise Level
Remarks :				
18. This noise certificate is issued pursuant to Volume I of Annex 16 to the Convention on International Civil Aviation, in respect of the above-mentioned aircraft, which is considered to comply with the indicated noise Standard when maintained and operated in accordance with the relevant requirements and operating limitations.				
19. Date of Issue:			Chief Commissioner	

CARC Form 18-217C

(July 2013)