



Barbados Civil Aviation Department

BCAD Document PLAC-051

PERSONNEL
LICENSING
ADVISORY
CIRCULAR

AIRMAN KNOWLEDGE TESTING
AUTHORIZATION REQUIREMENTS
MATRIX

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Subject: AIRMAN KNOWLEDGE TESTING AUTHORIZATION REQUIREMENTS MATRIX
BCAD PL Advisory Circular PLAC-051
Date: 07/10/30

PURPOSE

1. (1) The purpose of this BCAD Advisory Circular (PLAC) is to provide guidance for applicants preparing to take airmen knowledge tests. Appendix 1 provides a quick reference for each airman knowledge test, any authorizations required to take the test, and retesting requirements.

GENERAL

2. (1) Specific requirements for each licence, authorization and rating are contained in the Barbados Civil Aviation Regulations (BCARs), which can be obtained from the Barbados Government printery, Bay Street, St. Michael Barbados.

(2) BCARS General Application & Personnel Licensing Regulation covers the requirements for Personnel Licensing.

(3) Applicants should also consult other PLACs for knowledge testing for a specific licence, rating or authorization.

E. A. Archer
Director of Civil Aviation

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APPENDIX

PRIVATE PILOT KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME/HRS	PASSING SCORE
PAR	Private Pilot --Aeroplane	60	17	3.0	75
PVL	Private Pilot --Aeroplane Validation	50	17	2.0	75
PCL	Private Pilot – Aeroplane Conversion	50	17	2.0	75
PRH	Private Pilot – Helicopter (in development)	60	17	3.0	75
	Private Pilot – Helicopter Validation (in development)	50	17	2.0	75
	Private Pilot – Helicopter Conversion (in development)	50	17	2.0	75
PGL	Private Pilot Glider	60	17	3.0	75

1. References. BCARs, General Application & Personnel Licensing Regulation, PLAC-055 Private Pilot Knowledge Test Guide

2. Acceptable Forms of Authorization:

- (a) Certificate of graduation or a statement of accomplishment certifying the satisfactory completion of the ground school portion of a course for the certificate or rating sought. The certificate or statement may be issued by a BCAD certified Aviation Training Organization or authorized instructor.
- (b) Written statement or logbook endorsement from an authorized ground or flight instructor certifying that the applicant completed an applicable ground training or home study course and is prepared for the knowledge test.
- (c) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

3. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the test examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

COMMERCIAL PILOT KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME/HRS	PASSING GRADE
CAX	Commercial Pilot -- Aeroplane	100	18	3.0	75
CVL	Commercial Pilot – Aeroplane Validation	50	18	2.0	75
CCL	Commercial Pilot—Aeroplane Conversion	50	18	2.0	75
CRH	Commercial Pilot – Helicopter (in development)	100	18	3.0	75
	Commercial Pilot – Helicopter Validation (in development)	50	18	2.0	75
	Commercial Pilot – Helicopter Conversion (in development)	50	18	2.0	75
CEG	Commercial Pilot Glider	100	18	3.0	75

4. References. BCARs, General Application & Personnel Licensing Regulation, PLAC-065 Commercial Pilot Knowledge Test Guide

5. Acceptable Forms of Authorization:

- (a) Certificate of graduation or a statement of accomplishment certifying the satisfactory completion of the ground school portion of a course for the certificate or rating sought. The certificate or statement may be issued by a BCAD certified Aviation Training Organization.
- (b) Written statement or logbook endorsement from an authorized ground or flight instructor certifying that the applicant completed an applicable ground training or home study course and is prepared for the knowledge test.
- (c) Failed test report; or passing test report; or expired test report (pass or failure), provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

6. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office testing centre prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

AIRLINE TRANSPORT PILOT KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME/HRS	PASSING SCORE
ATP	Airline Transport Pilot-- Aeroplane	80	21	3.0	75
AVL	Airline Transport Pilot – Aeroplane Validation	50	21	2.0	75
ACL	Airline Transport Pilot – Aeroplane Conversion	50	21	2.0	75
ATH	Airline Transport Pilot – Helicopter (in development)	80	21	3.0	75
	Airline Transport Pilot – Helicopter Validation (in development)	50	21	2.0	75
	Airline Transport Pilot – Helicopter Conversion (in development)	50	21	2.0	75
	Airline Transport Pilot – Powered-lift (in development)	80	21	3.0	75
	Airline Transport Pilot – Powered-lift Validation (in development)	50	21	2.0	75
	Airline Transport Pilot – Powered-lift Conversion (in development)	50	21	2.0	75

7. References. BCARs, General Application & Personnel Licensing Regulation, PLAC-075 Airline Transport Pilot Knowledge Test Guide

8. Acceptable Forms of Authorization:

- (a) Requires no instructor endorsements or other form of written authorization.
- (b) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

9. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and retain the original report prior to administering the knowledge test. Once the applicant receives the new test report, the previously issued original must be destroyed.

APPENDIX

INSTRUMENT RATING KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME/HRS	PASSING SCORE
IRA	Instrument Rating -- Aeroplane	60	17	2.5	75
IVL	Instrument Rating – Aeroplane Validation	50	17	2.0	75
ICL	Instrument Rating – Aeroplane Conversion	50	17	2.0	75
IRH	Instrument Rating – Helicopter (in development)	60	17	2.5	75
	Instrument Rating – Helicopter Validation (in development)	50	17	2.0	75
	Instrument Rating – Helicopter Conversion (in development)	50	17	2.0	75

10. References. BCARSs, General Application & Personnel Licensing, PLAC-060 Instrument Rating Knowledge Test Guide

11. Acceptable Forms of Authorization:

- (a) Certificate of graduation or a statement of accomplishment certifying the satisfactory completion of the ground school portion of a course from an approved Aviation Training Organization.
- (b) Written statement from an authorized ground or flight instructor showing satisfactory completion of the ground instruction required for the rating sought.
- (c) Written statement from an authorized ground or flight instructor, certifying that they have personally reviewed the applicant's completion of a home study course and found the applicant has satisfactorily completed that course.
- (d) Logbook endorsement from an authorized ground or flight instructor.
- (e) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

12. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

GROUND & FLIGHT INSTRUCTOR KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME/HRS	PASSING SCORE
FOI	Fundamentals of Instructing	50	18	1.5	75
BGI	Ground Instructor – Basic	80	18	2.5	75
AGI	Ground Instructor—Advanced	100	18	2.5	75
IGI	Ground Instructor – Instrument	100	18	2.5	75
FIA	Flight Instructor – Aeroplane	100	18	2.5	75
AFA	Flight Instructor – Aeroplane –added rating (in development)		18		
FII	Flight Instructor – Instrument	100	18	2.5	75
FIH	Flight Instructor – Helicopter (in development)	100	18	2.5	75
HFA	Flight Instructor – Helicopter –added rating (in development)		18		
FIG	Flight Instructor – Glider (in development)	100	18	2.5	75
AFG	Flight Instructor – Glider-added rating (in development)		18		

13. References. BCARs, General Application & Personnel Licensing, PLAC-070 Ground and Flight Instructor Knowledge Test Guide

14. Acceptable Forms of Authorization:

- (a) Requires no instructor endorsements or other form of written authorization for a ground instructor, flight instructor, fundamentals of instruction
- (b) Requires instructor endorsements or other form of written authorization for ground instructor instrument, flight instructor instrument for aeroplane or helicopter.
- (e) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

15. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

FLIGHT ENGINEER KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME	PASSING SCORE
FET	Turboprop rating (in development)	80	18	3.0	75
FEX	Turbojet rating (in development)	80	18	3.0	75
FEN	Reciprocating engine rating (in development)	80	18	3.0	75
FEP	Turboprop - added rating (in development)	50	18	2.0	75
FEJ	Turbojet—added rating (in development)	50	18	2.0	75
FER	Reciprocating engine –added rating (in development)	50	18	2.0	75

16. References. BCARSs, General Application & Personnel Licensing; PLAC-057 Flight Engineer Knowledge Test Guide

17. Acceptable Forms of Authorization:

- (a) Present satisfactory evidence of having completed one of the aeronautical experience requirements of BCARS General Administration and Personnel Licensing.
- (b) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.).

18. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX**FLIGHT OPERATIONS OFFICER KNOWLEDGE TESTS**

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME	PASSING SCORE
ADX	Flight Operations Officer (in development)	80	18	3.0	75

19. References. BCARSs General Application & Personnel Licensing; PLAC-072 Flight Operations Officer Knowledge Test Guide

20. Acceptable Forms of Authorization:

- (a) Provide BCAD with a certificate of competency from a national air operator as evidence of having successfully met the knowledge and skill requirements of an approved flight operations officer program;
- (b) Provide BCAD with evidence of having met the knowledge requirements set out in BCARSs General Application & Personnel Licensing.
- (c) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

21. Retesting Policies:

- (a) Applicants retesting after failure are required to submit the applicable score report indicating failure, along with an endorsement from an authorized instructor who gave the applicant the additional training, and certifying the applicant is competent to pass the test. The original failed test report presented as authorization must be retained by the examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (b) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX**AIRCRAFT MAINTENANCE ENGINEER AND
INSPECTION AUTHORIZATION KNOWLEDGE TESTS**

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME	PASSING SCORE
AMG	General (in development)	60	18	2.0	75
AMA	Airframe (in development)	100	18	2.0	75
AMP	Powerplant (in development)	100	18	2.0	75
AMA	Avionics (in development)	100	18	2.0	75
IAR	Inspection Authorization (in development)	50	21	3.0	75

22. References. BCARSs, General Application & Personnel Licensing; PLAC-080 Aircraft Maintenance Engineer and Inspection Authorization Knowledge Test Guide

23. Acceptable Forms of Authorization:

- (a) For the aircraft maintenance engineer tests, present to BCAD a certificate of graduation or a statement of accomplishment certifying the satisfactory completion of the ground school portion of a course from an approved Aviation Training Organization.
- (b) For the IA, present to BCAA evidence of the requirements in BCAR, General Application & Personnel Licensing.
- (c) Failed, passing or expired Airman Knowledge Test Report, provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

24. Retesting:

- (a) Requires a 90-day waiting period for retesting for the IA.
- (b) Applicants taking retests after failure are required to submit the applicable score report indicating failure to the testing centre prior to retesting. The original failed test report must be retained by the test examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (c) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the Personnel Licensing (PEL) Office prior to testing. PEL Office personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

PARACHUTE RIGGER KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME	PASSING SCORE
RIG	Senior (in development)	50	18	2.0	75
RMP	Master (in development)	50	18	2.0	75
RMC	Military Competency (in development)	25	18	1.0	75

25. References. BCARs, General Application & Personnel Licensing, regulation; PLAC-086 Parachute Rigger Knowledge Test Guide

26. Acceptable Forms of Authorization:

- (a) Present to BCAD evidence of meeting the requirements for the licence or ratings.
- (b) Failed test report; or passing test report; or expired test report (pass or failure), provided the applicant still has the original test report in his/her possession. (See retesting explanation(s) below.)

27. Retesting:

- (a) Retests require the applicant presents a signed statement from an airman holding a licence & rating sought by the applicant. This statement must certify that the airman has given the applicant additional instruction in each of the subjects failed, and that the airman considers the applicant ready for retesting.
- (b) Applicants taking retests after failure are required to submit the applicable score report indicating failure to the testing centre prior to retesting. The original failed test report must be retained by the test examiner and attached to the applicable sign-in/out log. The latest test taken will reflect the official score.
- (c) Applicants retesting in an attempt to achieve a higher passing score may retake the same test for a better grade after 30 days. The latest test taken will reflect the official score. Applicants are required to submit the original applicable score report indicating previous passing score to the testing centre prior to testing. Testing centre personnel must collect and destroy this report prior to issuing the new test report.

APPENDIX

DESIGNATED EXAMINER KNOWLEDGE TESTS

TEST CODE	TEST NAME	NUMBER OF QUESTIONS	AGE	ALLOTTED TIME	PASSING SCORE
PEA	Flight Test Examiner Aeroplane	50	18	2.0	80
PER	Flight Test Examiner Helicopter	50	18	2.0	80
PEG	Flight Test Examiner Glider	50	18	2.0	80
PEY	Flight Test Examiner Gyroplane	50	18	2.0	80
DME	Aircraft Maintenance Examiner	50	18	2.0	80
PRE	Parachute Rigger Examiner	50	18	2.0	80

28. References. BCARSs, General Application & Personnel Licensing PLAC-059, PLAC-080 and PLAC-090.

29. Acceptable Forms of Authorization:

(a) Nomination by BCAD for designation as an examiner.

30. Retesting: There is no retesting for failure of a test for designation as an examiner.

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