



EAC

No. 65_1

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Issuance of Approval of type/task rating for Licensed Qualified Technician

EAC65-1 Purpose

This Egyptian Advisory Circular (EAC) provides information and guidance material for issuance of Type / Task rating for Qualified Technician approval.

EAC65-3 Related regulations

ECAR Parts 65 subpart K.

EAC65-5 Background

Issuance of type / task rating for qualified technician holding valid license issued from ECAA shall be performed by Authorization Board formed and nominated by AMO and accepted by ECAA.

EAC65-7 Approval Procedures

The applicant shall grant the type rating approval after completion of the following:

- (a) Has passed the approved type rating course related to the tasks that he will be approved on from a training organization appropriately approved under Part 147 or Part 145.
- (b) Has passed the practical training according to the approved work sheet on the relevant type rating for at least 6 months or completion of required task which comes first.
- (c) Has passed the oral and practical examination held by examiners list, nominated by QA, approved by ECAA.

EAC65-9 Type /Task rating renewal

The type rating approval of the qualified technician will be renewed every four years upon verifying that he is practicing his privilege at least 6 months during the last two years.

EAC65-11 Qualified Technician Type / Task Rating Privilege:-

- (a) The qualified technician Type/task rating permits the holder to sign off using sign & stamp prescribed and unique for each qualified technician.
- (b) The task he performed shall be within the limits of tasks specification endorsed on the authorization.
- (c) The certification privileges shall be restricted to work that the license holder has personally performed in a Part-145 organization.
- (d) Typical tasks permitted after being approved by 145 organization are contained in the following lists :

1- Airframe

- i. Removal, cleaning of:-
 - A. Wheel assemblies.
 - B. Wheel brake units.
- ii. Removal, cleaning and installation of:-
 - A. Emergency equipment excluding installation of chutes and slide rafts.
 - B. Windscreen wiper blades.
 - C. Passenger and cabin crew seats, seat belts and harnesses.
 - D. Toilet system components .but excluding gate Valves.
 - E. Static wicks.
 - F. Placards.
 - G. Cabin furnishing items , and overhead storage compartment.
- iii. Opening /closing of cowlings and revetment of quick access inspection panels.
- iv. Removal of:-
 - A. L/G and its components.
 - B. Control surfaces and its actuators.
 - C. Cabin / cargo compartment floor and side panels.
 - D. Lower deck mobile crew rest.
 - E. Hoses and tubes.
- v. Water system servicing & dis-infection.
- vi. Fuel system fungus and microbiology removal.

2- Power plant

- i. Removal, and cleaning of engine parts:-
 - A. All gear box accessories.
 - B. All tubes and hoses.
 - C. Bleed valves, its controller and sensing lines.
 - D. Igniter and fuel nozzle.
 - E. Inlet cone.
 - F. Cowlings Support rods.
 - G. Cowlings and its latches.
 - H. T/R components.
 - I. All oil and fuel system filters.
 - J. Fuel booster pumps.
 - K. Cooling system and its controls.
 - L. APU starter and generator.
 - M. APU oil pumps and system filters.
 - N. APU F.C.U and fuel system filters.
 - O. Bleed , surge valves and their sensing lines.

3- Electric

- i. Removal and installation of :-
 - A. Generator / alternator terminals and back up generator terminals .(if applicable).
 - B. Switches / proximity switches.
 - C. Circuit breakers.
 - D. Lavatory. & cargo smoke detector.
 - E. Replacement of Aircraft and APU batteries.
 - F. Battery pack for emergency light.
 - G. Electrical computer / controller.
 - H. electrical unit exclude unit connecting to movable parts and unit connecting to air or fluid unit.
 - I. Fuel quantity tank unit, level, temperature.
 - J. Fire / over heat sensing elements, wing body / duct leak sensors & sensing elements actuator.
- ii. Check/ inspect (if applicable) and replace:-
 - A. Ovens, boilers and beverage makers.
 - B. Internal and external lights, filaments and flash Tubes.
 - C. Repair / replace electrical feeder cables /wires.
 - D. Movable seats test.

4 - Avionics

- i. Removal / Inst. & Test. For :-
 - A. Audio /video units Fitted On Seats.
 - B. Call light.
 - C. Reading light.
 - D. Fasten seat belt & No smoking Sing.
 - E. LAV Call light.
- ii. Replacement of in-flight entertainment system components' but Excluding public Address (if applicable).
- iii. Removal / Installation and test of Cabin Handset.
- iv. Removal / Installation & Test Area Call L/T.
- v. Removal / Installation & Test of MEGAPHONE.
- vi. Removal / Installation & Repair of In seat Monitors Mechanism (IF app.).
- vii. Cabin Screen Monitors Cleaning.

5 - Overhaul shops (Mechanical units / IERA / Engine shops)

Typical tasks permitted after appropriate task training to be carried out by the qualified technicians for the purpose of signing off component test /repair / overhaul tasks in the following list:

- a) Simple fault isolation.
- b) Disassembly.
- c) Cleaning.
- d) Inspection excluding final product .
- e) Simple repair.
- f) Assembly.

6- Structure Repair

- i. Metallic:
 - A. Removal of:-
 - Hi lock bolts.
 - Fastener.
 - Tapered bolts.
 - Bushes.
 - Rivets.
 -etc.
 - B. Corrosion removal.
 - C. Drilling, reaming and forming .
 - D. Counter Sun king.
- ii. Non- Metallic:
 - A. Cutting, trimming out.
 - B. Cleaning and humidity removal.
 - C. Drilling.
 - D. Bonding and adhesive compound usage.
 - E. Wet out repair with vacuum technique.
- iii. Painting:
 - A. Sanding, stripping and paint out removal application.
 - B. Primer, painting and varnish application.
 - C. Registration marks & logo scheme performing.

7 -NDT (only Level 1)

An NDT level 1 , should perform specific calibration , specific NDT ,and specific evaluation for acceptance or rejection determination according to written instructions under the supervision of level II inspector.