



BASIC SKILL ASSESSMENT

PHIẾU ĐÁNH GIÁ THỰC HÀNH CƠ BẢN

1. Title:	2. Date:	3. Exam attempt:
4. Questionnaire No.:	5. Category (A/ B1/ B2):	6. Duration: hours
7. Examinee's name:	8. Examinee's Company:	

Subject description	Level			Result (P/ F/ NC)			Comments
	A	B1	B2	Task 1	Task 2	Task 3	
7.1 Safety Precautions-Aircraft and Workshop							
a. Aspects of safe working practices including precautions to take when working with electricity, gases especially oxygen, oil and chemicals.	3	3	3				
b. Also, instruction in the remedial action to be taken in the event of a fire or another accident with one or more of these hazards including knowledge on extinguishing agents	3	3	3				
7.2 Workshop Practices							
a. Care of tools, control of tools, use of workshop materials;	3	3	3				
b. Dimensions, allowances and tolerances, standards of workmanship;	3	3	3				
c. Calibration of tools and equipment, calibration standards.	3	3	3				
7.3 Tools							
a. Common hand tool types;	3	3	3				
b. Common power tool types;	3	3	3				
c. Operation and use of precision measuring tools;	3	3	3				



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	A	B1	B2	Task 1	Task 2	Task 3	
d. Lubrication equipment and Methods	3	3	3				
e. Operation, function and use of electrical general test equipment.	3	3	3				
7.4 Avionic General Test Equipment							
a. Operation, function and use of avionic general test equipment.	-	2	3				
7.5 Engineering Drawings, Diagrams and Standards							
a. Drawing types and diagrams, their symbols, dimensions, tolerances and projections;	1	2	2				
b. Identifying title block information;	1	2	2				
c. Microfilm, microfiche and computerized presentations;	1	2	2				
d. Specification 100 of the Air Transport Association (ATA);	1	2	2				
e. Aeronautical and other applicable standards including ISO, AN, MS, NAS and MIL;	1	2	2				
f. Wiring diagrams and schematic diagrams.	1	2	2				
7.6 Fits and Clearances							
a. Drill sizes for bolt holes, classes of fits;	1	2	1				
b. Common system of fits and clearances;	1	2	1				
c. Schedule of fits and clearances for aircraft and engines;	1	2	1				
d. Limits for bow, twist and wear;	1	2	1				



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	A	B1	B2	Task 1	Task 2	Task 3	
e. Standard methods for checking shafts, bearings and other parts.	1	2	1				
7.7 Electrical Wiring Interconnection System (EWIS)							
a. Continuity, insulation and bonding techniques and testing;	1	3	3				
b. Use of crimp tools: hand and hydraulic operated;	1	3	3				
c. Testing of crimp joints;	1	3	3				
d. Connector pin removal and insertion;	1	3	3				
e. Co-axial cables: testing and installation precautions;	1	3	3				
f. Identification of wire types, their inspection criteria and damage tolerance.	1	3	3				
g. Wiring protection techniques: Cable looming and loom support, cable	1	3	3				
7.8 Riveting							
a. Riveted joints, rivet spacing and pitch;	1	2	-				
b. Tools used for riveting and dimpling;	1	2	-				
c. Inspection of riveted joints.	1	2	-				
7.9 Pipes and Hoses							
a. Bending and belling/flaring aircraft pipes;	1	2	-				



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	A	B1	B2	Task 1	Task 2	Task 3	
b. Inspection and testing of aircraft pipes and hoses;	1	2	-				
c. Installation and clamping of pipes.	1	2	-				
7.10 Springs							
a. Inspection and testing of springs.	1	2	-				
7.11 Bearings							
a. Testing, cleaning and inspection of bearings;	1	2	-				
b. Lubrication requirements of bearings; Defects in bearings and their causes.	1	2	-				
7.12 Transmissions							
a. Inspection of gears, backlash;	1	2	-				
b. Inspection of belts and pulleys, chains and sprockets;	1	2	-				
c. Inspection of screw jacks, lever devices, push-pull rod systems.	1	2	-				
7.13 Control Cables							
a. Swaging of end fittings;	1	2	-				
b. Inspection and testing of control cables;	1	2	-				
c. Bowden cables; aircraft flexible control systems.	1	2	-				
7.14 Material handling							
7.14.1 Sheet Metal	-	2	-				
a. Marking out and calculation of bend allowance;							
b. Sheet metal working, including bending and forming;							



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	A	B1	B2	Task 1	Task 2	Task 3	
c. Inspection of sheet metal work.							
7.14.2 Composite and non-metallic a. Bonding practices; b. Environmental conditions; c. Inspection methods.	-	2	-				
7.15 Welding, Brazing, Soldering and Bonding							
a. Soldering methods; inspection of soldered joints.	-	2	2				
b. Welding and brazing methods; Inspection of welded and brazed joints; Bonding methods and inspection of bonded joints.	-	2	-				
7.16 Aircraft Weight and Balance							
a. Centre of Gravity/Balance limits calculation: use of relevant documents;	-	2	2				
b. Preparation of aircraft for weighing; Aircraft weighing.	-	2	-				
7.17 Aircraft Handling and Storage							
a. Aircraft taxiing/ towing and associated safety precautions;	2	2	2				
b. Aircraft jacking, chocking, securing and associated safety precautions	2	2	2				
c. Aircraft storage methods;	2	2	2				
d. Refueling/defueling procedures;	2	2	2				
e. Deicing/anti icing procedures;	2	2	2				



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	A	B1	B2	Task 1	Task 2	Task 3	
f. Effects of environmental conditions on aircraft handling and operation	2	2	2				
g. Electrical, hydraulic and pneumatic ground supplies.	2	2	2				
7.18 Disassembly, Inspection, Repair and Assembly Techniques							
a. Types of defects and visual inspection techniques; Corrosion removal, assessment and re-protection;	2	3	3				
b. General repair methods, Structural Repair Manual; Ageing, fatigue and corrosion control programs	-	2	-				
c. Non-destructive inspection techniques including, penetrant, radiographic, eddy current, ultrasonic and borescopes methods;	-	2	1				
d. Disassembly and re-assembly techniques;	2	2	2				
e. Trouble shooting techniques.	-	2	2				
7.19 Abnormal Events							
a. Inspections following lightning strikes and HIRF penetration;	2	2	2				
b. Inspections following abnormal events such as heavy landings and flight through turbulence.	2	2	-				
7.20 Maintenance Procedures							
a. Maintenance planning;	1	2	2				
b. Modification procedures;	1	2	2				
c. Stores procedures;	1	2	2				



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d. Certification/release procedures;	1	2	2				
e. Interface with aircraft operation;	1	2	2				
f. Maintenance Inspection/ Quality Control/ Quality Assurance;	1	2	2				
g. Additional maintenance procedures;	1	2	2				
h. Control of life limited components.	1	2	2				
9. Conclusion: <input type="checkbox"/> Pass <input type="checkbox"/> Fail	10. General comment:						
DMEE's name: DMEE's signature:				Examinee's name: Examinee's signature:			

Instructions:

- + Based on applicable level required to the examinee, the DMEE interviews and/or observes the examinee's performance then enters P (Pass), F (Fail) or NC (Not checked, if the task does not have that subject to check) in the Result column.
- + The DMEE must specify the reason of failing item in the "Comments" column and enter the General comment in block 10.
- + The examinee is considered for passing the exam if he/ she passes all subjects examined.