

AVT 2223

CAR 66			The purpose of this assessment is to evaluate the candidate's ability to demonstrate the following practical task.
Task	Ref	Level	
2	M6.5	2	Fasteners/Hardware Lock-wiring/safety-wiring
All practical activities are assessed against, HCT Workplace Health & Safety (WHS) policy, good working practices, wearing appropriate clothing/Personal Protective Equipment (PPE), use of test equipment, and overall participation.			
Student Name	Abdulla Abdulkareem		Student ID H00442016
Students Signature	AA		Date 2-2-2023
Course	AVT 2223 – Aircraft Hardware		Hours
Assessor Name	Ahmad Abu Hannieh		Date
Assessor Signature			Result
Comments			

Assessed Practical Marking Rubric

SAFETY (Safety violations result in immediate failure)	PASS	FAIL
TOOL CONTROL (Tool Control violations result in immediate failure)	PASS	FAIL
	Marks to be assigned by the LI/LAs as applicable	Marks (%) (Write N/A for Not Applicable)
Engineering practices	20	
Hand skills	30	
Inspection and testing	10	
Use of technical information	5	
Documentation	0	N/A
Communication	5	
Attitude	5	
Time management	5	
Problem solving initiative	10	
Housekeeping and clean up	10	
Total Mark	100	

90-100	Excellent
80-89.9	Very good
70-79.9	Good
60-69.9	Satisfactory
Below 60	Fail

PRACTICAL BRIEFING PLAN

Instructions:

- Complete your name and all entries on these assessment sheets.
- Ensure you read these instructions thoroughly.
- All individual tasks are to be carried out on the training equipment as specified.
- Satisfactory Performance will be achieved when you have demonstrated to the satisfaction of the assessor the relevant skills, knowledge and attitude.
- SAFETY: Always ensure you are wearing the appropriate PPE when carrying out this task (overalls and safety shoes are a MUST for ALL tasks). This is a PASS requirement.
- TOOLS: Always ensure that the tooling you use has been borrowed under your name/name of person doing this task and that ALL tools (including toolbox contents) have been returned at the end of the practical session, and your name signed off. This is a PASS requirement.
- PAPERWORK: Always ensure that all paperwork related to this task has been completed and signed off with your signature and HCT ID clearly shown in the appropriate column on the Worksheet.

Warnings:

All activities must be supervised by staff.

When working on or around aircraft, all cautions, warnings and notes must be complied with.

Appropriate PPE must be worn, especially when working with potentially hazardous materials.

Use the correct tools and tool control procedures.

Maintenance manuals and servicing procedures must be strictly adhered to at all times.

Strict precautions are to be adhered to when handling electrical, hydraulics, fuels, oils and any other solvents. Material Safety Data Sheet (MSDS).

All injuries, no matter how small, must be reported to the instructor and treated immediately.

Assessment Guidelines:

During this practical application, your **skills, knowledge, and attitude** will be assessed in accordance with the marking guide on this document.

NEEDED MATERIALS AND TOOLS:

#	Description	PN	Qty
Tools			
1	Safety Wire Twisting Pliers	-	1
2	Duckbill Pliers	-	1
3	Diagonal Cutter	-	1
4	Lock wire trainer boards	-	2
Materials and parts			
1	Locking wire (0.025")	-	AR
2	Locking wire (0.032")	-	AR
3	Locking wire (0.040")	-	AR

TASK PROCEDURES:

STEP	WORK INSTRUCTIONS	Student Signature	Instructor Signature
1.	I have read and understand all the instructions. I will wear appropriate PPE at all times		
2.	<u>Tool Control</u> - Carry out tool control as laid down in the Practical Marking Guide; <ul style="list-style-type: none"> • Inventory tools before starting assessment • Check serviceability of tools and test equipment • Notify assessor of any unserviceable tools or test equipment 	AA	
3.	Follow the instructor directions inside the hangar and work areas.	AA	



STEP	WORK INSTRUCTIONS	Student Signature	Instructor Signature
4.	Pay attention to the instructor when illustrating the different types of Lock wiring.	AA	
5.	Pay attention to the instructor when illustrating the correct method of Lock wiring.	AA	
6.	Carry out wire locking on hex bolts in sets of 2 and 3 bolts as per the instructions of the instructor. (Refer to Fig. 1)	AA	
7.	Carry out wire locking on the electrical connections and plugs.	AA	
8.	Carry out wire locking on hard-access bolt locations and patterns. (Refer to Fig. 1)	AA	
9.	Are you now able to differentiate between the lock wiring types, their uses and their installation methods? Yes No	AA	



STEP	WORK INSTRUCTIONS	Student Signature	Instructor Signature
10.	Are you now able to install lock wiring as instructed at different aircraft parts? Yes No	AA	
11.	Please clean the area of your work.	AA	
12.	Return all tools/test equipment to their proper locations Notify assessor of any unserviceable tools or test equipment	AA	

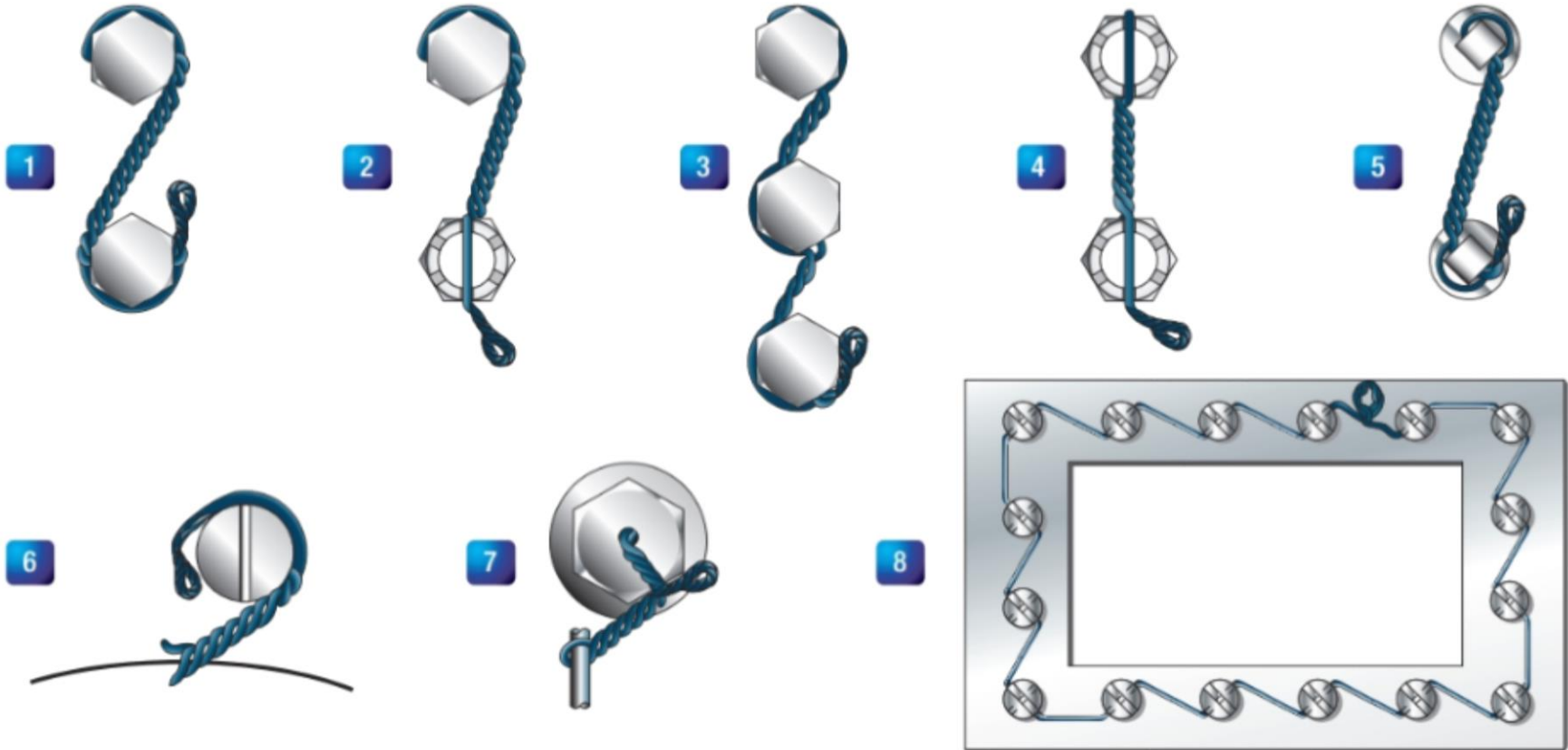


Fig. 1



