

# Test Project

*Module A - Aircraft and System Inspection  
Line Maintenance*

**Aircraft Maintenance**

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## Instructions to the Competitor

NAME	(FIRST)	(LAST)
<b>COUNTRY</b>		
<b>START TIME</b>	Inspection	Time:
	Documentation	Time:
<b>Objective</b>	To test the Competitors' ability to carry out an aircraft inspection in accordance with aircraft maintenance manual instructions and airworthiness worthiness requirements.	
<b>Time allotted</b>	1.5 hours for aircraft inspection 0.5 hour for documentation	
<b>Process:</b>		
<b>1</b>	Perform 15-hour inspection as per Aircraft Maintenance Manual.	
<b>2</b>	Record defects found initially on the attached "NOTES ONLY for TRANSCRIBING to TASK CARD(s)". The findings are to be transcribed on to the Task Card(s). Note: <ol style="list-style-type: none"> <li>1. The "Notes" for transcribing are not assessed.</li> <li>2. Record defects that affect airworthiness. Minor corrosion and aesthetic degradation (eg. paintwork) need not be recorded.</li> </ol>	
<b>4</b>	Submit Task Card(s) to Experts upon completion of Inspection and Documentation.	

You are an aircraft maintenance employee who holds a company Aircraft Certification Authority (ACA). You arrive at work on 10 Sept 2024 at 1745 UTC and your supervisor has assigned you an aircraft to perform the 15-hour inspection.

The inbound flight Journey "Technical" Log entry is "Nil Defect" as reported by the captain.

On completion of the scheduled 15-hours inspection, you will hand over the aircraft together with the Technical Log and Task Card(s) to the next shift Authorised Personnel for rectification and to sign-off all resolution actions, and to perform aircraft departure checks.

The weather conditions are fine, no strong wind and the temperature is about 20°C.

IF A FAULT IS DETECTED OR IN CASE OF DOUBT DURING THE INSPECTION OF THE AIRCRAFT, REFER TO THE DIFFERENT TASKS RELATED TO THE ATA100 CHAPTERS CONCERNED.

REFERENCE DOCUMENTATION SOFTWARE:

- H120 Orion

NOTES ONLY for TRANSCRIBING to TASK CARD(s).

S/N	DEFECT DESCRIPTION	INITIAL
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		

S/N	DEFECT DESCRIPTION	INITIAL
18		
19		
20		

S/N	DEFECT DESCRIPTION – CONTINUE (IF NEEDED)	INITIAL
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		

S/N	DEFECT DESCRIPTION – CONTINUE (IF NEEDED)	INITIAL
34		
35		
36		
37		
38		
39		
40		


FROM TECHNICAL LOG		TECHNICAL LOG #	PAGE
Perform aircraft 15-hour inspection	Aircraft Regn		Reported by
	Date		

S/N	MAINTENANCE REQUIRED/ DEFECT DESCRIPTION	RESOLUTION	RESOLVED BY/DATE
Certifies that the work specified except as otherwise specified was carried out in accordance with the requirement of the Air Navigation Act and in respect to that work the aircraft/engine/aircraft component is considered ready for release to service		(signature & ACA)  Certified by (Signature & ACA) Date	

TASK CARD	FROM TECHNICAL LOG	TECHNICAL LOG #	PAGE:
Perform aircraft 15-hour inspection	Aircraft Regn		Reported by
	Date		

S/N	MAINTENANCE REQUIRED / DEFECT DESCRIPTION	RESOLUTION	RESOLVED BY / DATE
Certifies that the work specified except as otherwise specified was carried out in accordance with the requirement of the Air Navigation Act and in respect to that work the aircraft/engine/aircraft component is considered ready for release to service		(signature & ACA)  Certified by (Signature & ACA) Date:	



		<b>AIRCRAFT TECHNICAL LOG</b>			REGISTRATION #	CAPTAIN	Samson	PAGE SEQUENCE
					(Expert to fill)	SIGNATURE	Samson	123456
FLIGHT DETAILS	LEG	DATE	TIME UP (UTC)	TIME DOWN (UTC)	AIRTIME	FROM	TO	
	1	10/Sep/2024	13:00	14:00	01:00	STN 1	STN 2	
	2	10/Sep/2024	15:30	16:45	01:15	STN 2	STN 3	
TIME	TOTAL TIME B/F FLIGHT		12:00	TOTAL AIRTIME	02:15	TOTAL TIME	14:15	
DEFECT/ MAINT	Nil defect						REPORTED BY	
							Samson	
	WORK ORDER SUMMARY #		if applicable				DATE:	10/Sep/2024
RESOLUTION							RESOLVED BY	
							(signature & ACA)	
							DATE:	dd/mmm/yyyy
	P/N		DEFERRAL #		£ Function Check	Independent Check accomplished before Maintenance Release by	Certifies that the work specified except as otherwise specified was carried out in accordance with the requirement of the Air Navigation Act and in respect to that work the aircraft/engine/aircraft component is considered ready for release to service	
	S/N ON		MEL		£ Leak Check			
	S/N OFF		CAT	A / B / C / D / P	£ Independent Check	signature Date	(signature & ACA) date	
	BATCH #				£ Others			