

1 Complete the sentences using the prepositions in the box.

10 marks

from on (x2) with of (x3) to (x2) across

- 1 This component is fitted _____ the main assembly with a number _____ bolts.
- 2 Most commercial aircraft are equipped _____ GPS navigation systems.
- 3 The system is based _____ satellites in a continuous grid.
- 4 The antenna is connected _____ the top _____ the fuselage.
- 5 The component consists _____ three basic parts.
- 6 Foreign bodies must be removed _____ tyre treads during routine maintenance.
- 7 Ducting is routed _____ the fuselage floor.
- 8 An extension frame is mounted _____ the base frame.

2 Complete this table of verbs and related nouns.

10 marks

	verb	noun
1		extension
2	fit	
3		expansion
4	replace	
5	adjust	
6	locate	
7	attach	
8		indicator
9	fastening	
10		inspection

3 Complete these sentences using *other, another, each other* and *both*.

10 marks

- 1 Aircraft will normally have _____ analogue and digital equipment.
- 2 The two parts of the component are connected to _____ by a spring.
- 3 This navigation system is said to be more accurate than _____ navigation systems.
- 4 This equipment can be used with _____ AC and DC current.
- 5 There is no _____ way to fix this problem.
- 6 Conductors must be insulated from _____.
- 7 We need _____ battery.
- 8 The different parts of the machine depend on _____.
- 9 _____ the pilot and the co-pilot normally check the navigational equipment.
- 10 _____ way of checking is a visual inspection.

4 Complete the sentences with words from the box.

10 marks

measures compass electronic flight static distance flows
pole inverter supplies

- 1 The AC generator system _____ the power to instruments such as the _____ and altitude indicator.
- 2 The DC/AC _____ can be selected by means of a four _____ two-position switch.
- 3 The glass cockpit is an _____ display of the _____ instruments.
- 4 The altimeter measures the _____ air pressure, rather than the _____ from the ground.
- 5 The airspeed indicator _____ the dynamic pressure of the air as it _____ past the aircraft.

5 Complete the table of irregular verbs by filling in the missing verb forms.

10 marks

Example: *take – took – taken*

	infinitive	past simple	past participle
1	cut	cut	
2	break		broken
3	find	found	
4	put		put
5	take	took	
6		flew	flown
7	blow		blown
8	catch	caught	
9	keep	kept	
10	become		become

6 Read the text and add the missing words.

10 marks

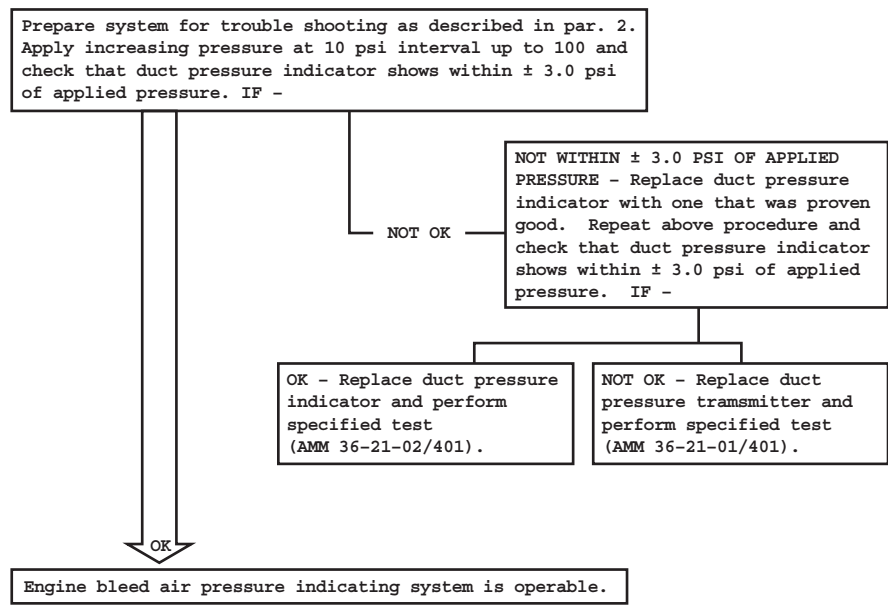
- 1** following
- 2** necessary
- 3** perform
- 4** flow chart
- 5** follow
- 6** remove
- 7** steps
- 8** system
- 9** results
- 10** path

The following troubleshooting procedures are based on performance of the system operational test and are presented in _____ form. The test _____ (heavy-line boxes) are connected by arrows to show the OK condition path. When all steps in the OK condition _____ check out, the system is operable.

When a test step does not check out, _____ the NOT OK line to the box containing the trouble symptom. Turn to the procedure indicated and continue to follow a single line by analysing the _____ of each test step until the required corrective action is determined. _____ the specified corrective action, then repeat the step at which the fault was encountered.

The _____ troubleshooting procedure is for engine No.1 bleed air precooler _____. The test for engines No.2, 3 and 4 bleed air precooler system is identical.

_____ electrical power any time an electrical connector is disconnected or connected. After a disconnection or connection has been made, apply electrical power again, where _____ for continued tests.



(Source: Saudi Boeing Manual 2)