

เฉลยแบบทดสอบ AIRCRAFT MAINTENANCE KPI

1. Which KPIs indicate aircraft maintenance quality ?
 - a. Fixed Rate (F/R %), Phase Flow Rate (P/F %) and Break Rate (B/R %)
 - b. Break Rate (B/R %), Repeat/Recurred Rate (R/R %) and Fixed Rate (F/R %)
 - c. Abort Rate (A/R %), Break Rate (B/R %) and Fixed Rate (F/R %)
 - d. Abort Rate (A/R %), Break Rate (B/R %) and Repeat/Recurred Rate (R/R %)

2. Which KPIs indicate speed or aircraft maintainability ?
 - a. Fixed Rate (F/R %) and Phase Flow Rate (P/F %)
 - b. Abort Rate (A/R %) and Break Rate (B/R %)
 - c. Fixed Rate (F/R %) and Repeat/Recurred Rate (R/R %)
 - d. Abort Rate (A/R %) and Phase Flow Rate (P/F %)

3. What KPI does not indicate logistics support capability ?
 - a. Delayed Deferred Discrepancies (DDR)
 - b. Departure Reliability Rate (DRR %)
 - c. Repeat/Recurred Rate (R/R %)
 - d. Hangar Queen Rate (HQ %)

4. What KPI is not an outcome (lagging) indicator ?
 - a. NMCS (Not Mission Capable Supply)
 - b. MC (Mission Capable), FMC (Full Mission Capable), PMC (Partial Mission Capable)
 - c. NMCM (Not Mission Capable Maintenance)
 - d. NMCB (Not Mission Capable Both Maintenance and Supply)

5. Personnel Availability (PA %) has direct impacts at which KPI ?
 - a. Abort Rate (A/R %) and Break Rate (B/R %)

b. Fixed Rate (F/R %) and Phase Flow Rate (P/F %)

c. Phase Flow Rate (P/F %) and Break Rate (B/R %)

d. Break Rate (B/R %) and Fixed Rate (B/R %)

6. Aircraft Inspectors are very essential to which KPI ?

a. Fixed Rate (F/R %), Phase Flow Rate (P/F %) and Break Rate (B/R %)

b. Abort Rate (A/R %), Break Rate (B/R %) and Repeat/Recurred Rate (R/R %)

c. Abort Rate (A/R %), Break Rate (B/R %) and Fixed Rate (F/R %)

d. Break Rate (B/R %), Repeat/Recurred Rate (R/R %) and Fixed Rate (F/R %)

7. A good standard maintenance practice and a complete preventive maintenance shall reduce which KPIs ?

a. Abort Rate (A/R %), Repeat/Recurred Rate (R/R %)

b. Break Rate (B/R %) and Repeat/Recurred Rate (R/R %)

c. Abort Rate (A/R %) and Break Rate (B/R %)

d. All of the above a, b and c are correct.

8. What is the KPI target for Abort Rate (A/R %) ?

a. $A/R = 0\%$ or $A/R < 5\%$

b. $0\% < A/R < 5\%$

c. $A/R = 5\%$

d. $A/R > 5\%$

9. What is the KPI target for Repeat/Recurred Rate (R/R %) ?

a. $R/R = 0\%$ or $R/R < 5\%$

b. $0\% < R/R < 5\%$

c. $R/R = 5\%$

d. R/R > 5 %

10. Logistics support capability shall be enhance and economic due to ?

a. Quality of maintenance

b. Maintainability of aircraft

c. A good MRS/MRL plan for optimum spares

d. Personnel Availability

11. What is the correct sequence regarding Hangar Queen aircraft ?

a. NMCS, HQ, Cannibalization

b. Cannibalization, HQ, NMCS

c. HQ, NMCS, Cannibalization

d. NMCS, Cannibalization and HQ

12. Which group of KPI is very essential to aircraft airworthiness ?

a. Quality of Maintenance

b. Maintain Ability

c. Logistics Support

d. Personnel Availability

13. Which of the following statement is correct ?

a. Well trained mechanics, good genuine parts and good quality assurance shall reduce Abort Rate (A/R %).

b. Good preventive maintenance shall reduce Break Rate (B/R %).

c. When Repeat/Recurred discrepancies occurred, root cause analysis is very essential.

d. All of the above a, b and c are correct.

14. Hangar Queen Rate (HQ %) start to count when ?

a. An aircraft could not fly 30 days continuously.

- b. An aircraft could not fly 60 days continuously.
- c. An aircraft could not fly 90 days continuously.
- d. An aircraft could not fly 120 days continuously.

15. Speedy aircraft defects rectification in a hot turnaround mission may lead to increasing of ?

- a. Abort Rate (A/R %)
- b. Repeat / Recurred Rate (R/R %)
- c. Incident
- d. All of the above a, b and c are correct.

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