

## 24.0: AVIATION TECHNOLOGY (450)

The format for the year 2004 KCSE Aviation Technology remained the same as in the previous years. The following table shows the candidature and the overall performance in the year 2004. The performance for 2001, 2002 and 2003 is also shown for comparison.

**Table 24: Candidates Overall Performance in Aviation Technology for the Last Four Years**

Year	Paper	Candidature	Max. Score	Mean Score	Standard Deviation
2001	1		60	36.46	10.23
	2		40	24.40	4.26
	<b>Overall</b>	<b>43</b>	<b>100</b>	<b>60.88</b>	<b>13.00</b>
2002	1		60	36.26	9.09
	2		40	27.00	2.99
	<b>Overall</b>	<b>27</b>	<b>100</b>	<b>63.25</b>	<b>10.61</b>
2003	1		60	41.03	5.81
	2		40	27.61	2.34
	<b>Overall</b>	<b>33</b>	<b>100</b>	<b>68.64</b>	<b>6.75</b>
2004	1		60	42.17	7.00
	2		40	26.09	3.09
	<b>Overall</b>	<b>35</b>	<b>100</b>	<b>68.26</b>	<b>5.00</b>

From the table above, the following observations can be made:-

- The overall mean score fell by a small margin from 68.64 in the year 2003 to 68.26 in the year 2004.
- The candidature for the subject increased slightly from 33 in year 2003 to 35 in the year 2004.
- The standard deviation fell drastically from 6.75 in year 2003 to 5.00 in the year 2004 to indicate less discrimination in performance.

### 24.1 PAPER (450/1)

This paper consisted of two sections A and B as in the previous years. Section A comprised 10 compulsory question while section B consisted of five questions of which the candidates were required to answer question 11 and any other three questions. The paper was marked out of 100% and scaled down to 60% of the total mark. The mean score fell by marginal figure from 68.64 in year 2003 to 68.36 in year 2004. Nevertheless there was evidence of poor performance particularly in questions 8, 12 and 13 as shown in the following discussions.