

# Royal Air Force

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## Cathode ray tubes

|         |       |       |           |
|---------|-------|-------|-----------|
| VCR84   | 10    | 1084  | 4407      |
| VCR85   | 11    | 1085  | 4605      |
| VCR86   | 12    | 1086  | 4502      |
| VCR87   | 13    | 1087  | 14L, 4410 |
| VCR97   | 222   | 1097  | 4201, 4/6 |
| VCR112  | 171   | 1112  | V.1026    |
| VCR131  | 156   | 1131  | 41DS      |
| VCR131A | -     | 1548  |           |
| VCR138  | 407   | 1138  | 4203, 4/3 |
| VCR138A | 759   | 1587  |           |
| VCR139A | 466   | 1588  | 23D, 4101 |
| VCR140  | 420   | 1140  |           |
| VCR511  | 586   | 1511  | 4608      |
| VCR511A | 786   | 1589  |           |
| VCR511B | 808   | 1590  |           |
| VCR511C | -     | 1549  |           |
| VCR514  | 658   | 1514  | 9R.TEB    |
| VCR515  | 13026 | 1515  | MX1       |
| VCR516  | 13027 | 1516  |           |
| VCR516A | 841   | 262   |           |
| VCR517  | 758   | 1517  |           |
| VCR517A | 811   | 1591  |           |
| VCR517B | 818   | 1592  |           |
| VCR517C | 819   | 1593  |           |
| VCR517D | 831   | 1594  |           |
| VCR517E | 840   | 1595  |           |
| VCR518  | 767   | 1518  |           |
| VCR518A | 810   | 1596  |           |
| VCR519  | 768   | 1519  |           |
| VCR520  | 771   | 1520  |           |
| VCR521  | 796   | 1521  |           |
| VCR522  | 797   | 1522  |           |
| VCR522A | 832   | 1597  |           |
| VCR522B | -     | (335) |           |
| VCR522C | -     | (336) |           |
| VCR523  | 798   | 1523  |           |
| VCR524  | 816   | 1524  |           |
| VCR524A | -     | 1547  |           |
| VCR525  | 817   | 1525  |           |
| VCR526  | 824   | 1526  |           |
| VCR527  | 826   | 1527  |           |
| VCR528  | 828   | 1528  |           |
| VCR529  | 835   | 1529  |           |
| VCR530  | 837   | 1530  |           |
| VCR531  | -     | 1531  |           |
| VCR532  | -     | 1532  |           |
| VCR533  | -     | 1533  |           |
| VCRX156 | -     | 300   |           |
| VCRX166 | -     | 282   |           |
| VCRX190 | -     | 376   |           |
| VCRX210 | -     | 389   |           |
| VCRX244 | -     | 390   |           |
| VCRX245 | -     | 396   |           |
| VCRX246 | -     | 401   |           |
| VCRX247 | -     | 400   |           |

## Gas-filled triodes

|         |     |      |      |
|---------|-----|------|------|
| VGT121  | 164 | 1121 | T41  |
| VGT121A | 630 | 1585 |      |
| VGT128  | 15  | 1128 | GT1C |

## Indicators

|       |       |      |                      |
|-------|-------|------|----------------------|
| VI77  | 11539 | 1077 | EM31                 |
| VI103 | 305   | 1103 | Y63                  |
| VI122 | 6     | 1132 | neon indicator       |
| VI507 | 467   | 1507 | gas-filled spark gap |

## Receiving valves

|        |       |      |                            |
|--------|-------|------|----------------------------|
| VR17   | 7232  | 1017 |                            |
| VR18   | 7607  | 1018 | 215SG                      |
| VR19   | 7846  | 1019 | 215P                       |
| VR21   | 7738  | 1021 | 210LF                      |
| VR22   | 7958  | 1022 | 220PA                      |
| VR27   | 8239  | 1027 | selected VR21              |
| VR28   | 8399  | 1028 | 220VSG                     |
| VR32   | 9141  | 1032 | 220UB                      |
| VR35   | 9779  | 1035 | QP21                       |
| VR37   | 9598  | 1037 | MH4                        |
| VR38   | 9599  | 1038 | MHL4                       |
| VR40   | 9601  | 1040 | PP5/400                    |
| VR41   | 9049  | 1041 | PM12M                      |
| VR43   | 10541 | 1043 | 210PG                      |
| VR44   | 10542 | 1044 | HL21DD                     |
| VR49   | 10931 | 1049 | 210SPT                     |
| VR53   | 11399 | 1053 | EF39                       |
| VR54   | 11400 | 1054 | EB34                       |
| VR55   | 11401 | 1055 | EBC33                      |
| VR56   | 11402 | 1056 | EF36                       |
| VR57   | 11403 | 1057 | EK32                       |
| VR57A  | 609   | 1570 | VR57, different test spec. |
| VR59   | 11452 | 1059 | 955, HA2, 4671             |
| VR65   | 11446 | 1065 | SP61                       |
| VR65A  | 149   | 1574 | SP41                       |
| VR66   | 11447 | 1066 | P61                        |
| VR67   | 11448 | 1067 | L63, 6J5G                  |
| VR78   | 11540 | 1078 | D1                         |
| VR82   | 4     | 1082 | 220TH                      |
| VR83   | 5     | 1083 | 210VPT                     |
| VR91   | 92    | 1091 | EF50                       |
| VR91A  | 287   | 1578 | VR91 selected for 'tail'   |
| VR92   | 105   | 1092 | EA50                       |
| VR95   | 95    | 1095 | 954, ZA2, 4672             |
| VR95A  | 286   | 1579 | VR95 to closer tolerances  |
| VR99   | 1277  | 1099 | X66                        |
| VR99A  | 757   | 1581 |                            |
| VR100  | 278   | 1100 | KTW62                      |
| VR101  | 280   | 1101 | MHLD6                      |
| VR102  | 279   | 1102 | BL63                       |
| VR106  | 11095 | 1106 | 9D2                        |
| VR106A | 821   | 1598 |                            |
| VR107  | 11097 | 1107 | 15D2                       |
| VR108  | 11096 | 1108 | 8D2                        |
| VR108A | 822   | 1599 |                            |
| VR109  | 11098 | 1109 | 4D1                        |
| VR109A | 823   | 1000 |                            |
| VR116  | 266   | 1116 | V872                       |
| VR117  | 176   | 1117 | 41MTL(MET)                 |
| VR117A | 625   | 1584 | VR117 selected by HV test  |
| VR118  | 88    | 1118 | KT2                        |
| VR119  | 28    | 1119 | DDL4                       |
| VR122  | 31    | 1122 | 41MXP                      |
| VR123  | -     | 1123 |                            |
| VR124  | 24    | 1124 | MS/PEN                     |
| VR125  | 25    | 1125 | MS/PEN.B                   |
| VR126  | 172   | 1126 | 4SH                        |
| VR129  | 307   | 1129 | MS/PEN                     |
| VR130  | 159   | 1130 | HL23                       |
| VR130A | 752   | 1586 |                            |
| VR135  | 392   | 1135 | E1148                      |
| VR136  | 386   | 1136 | RL7                        |
| VR137  | 394   | 1137 | RL16                       |
| VR502  | 312   | 1502 | KT32                       |
| VR503  | 382   | 1503 | KT33C                      |
| VR505  | 631   | 1505 | MH41                       |

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**Stabilisers**

VS68 11449 1068 STV280/40  
VS69 11450 1069 STV280/30  
VS70 11451 1070 7475  
VS110 10914 1110 S.130  
VS110A 423 1522 *selected VS110*

**Transmitting valves**

VT4B 5203 1553  
VT20 7813 1020 220P  
VT23 8062 1023 230XP  
VT23A 521 1565 *selected VT23*  
VT25 7912 1025 DET25  
VT26 8185 1026  
VT26A 9122 1568  
VT30 8738 1030  
VT31 8739 1031 SG250  
VT34 7787 1034 DET3  
VT45 10557 1045 X56  
VT46 10558 1046 PT25H  
VT47 10559 1047 TZ05-20, VLS417  
VT50 10945 1050 HL2K  
VT51 10946 1051 PEN220A  
VT52 11398 1052 EL32  
VT58 11405 1058  
VT58A 410 1571  
VT60 11441 1060 807  
VT60A 587 1572 *807 VT60 to wider tolerances*  
VT61 11442 1061 RK34, DET19, 4074A  
VT61A 142 1573 TV03-10  
VT62 11443 1062 DET12, 834, TY1-50  
VT73 11531 1073 H63, 6F5G  
VT74 11532 1074 KTZ83, 6J7G  
VT75 11533 1075 KT66  
VT75A 387 1576 KT44T  
VT75B 472 1577 KT44  
VT76 11534 1076 TZ40, DA41  
VT79 11752 1079 KT8  
VT80 11756 1080 4307A  
VT81 3 1081 4052A  
VT82 4 - 220TH  
VT88 9 1088 832  
VT89 78 1089  
VT90 97 1090  
VT93 107 1093  
VT94 108 1094  
VT96 147 1096 5B/502A  
VT98 224 1098  
VT98A 740 1580  
VT104 215 1104 PT15  
VT105 216 1105 ML6  
VT114 168 1114  
VT114A 567 1563  
VT127 231 1127 PEN.46  
VT501 389 1501 E1192  
VT501A 784 1002  
VT506 457 1506 5C/450A  
VT509 - (62)  
VT510 572 1510  
VT513 - (44)

**Rectifiers**

VU7A 5433 1556  
VU29 8087 1029  
VU33 9829 1033  
VU39 9600 1039 U12/14, UU5  
VU39A 574 1569  
VU64 11445 1064 U12/14  
VU71 11529 1071 U52, 5U4G  
VU71A 597 - U52, 5U4G  
VU72 11530 1072 GU5, GU50  
VU111 146 1111 V1907  
VU113 19 1113 U17  
VU120 121 1120 SU2150A  
VU133 211 1133 V660  
VU134 100 1134 HVR2  
VU504 150 1504 V1901  
VU508 520 1508 V1913

**Special**

VW36 9851 1036 *VR22 selected for capacitances*  
VW42 10299 1042 *VR27 selected for capacitances*  
VW48 10585 1048 *VR18 selected for capacitances*