

TABLE 1 TANGENTS OF ANGLES

| Angle | 0' | 10' | 20' | 30' | 40' | 50' |
|-------|--------|--------|--------|--------|--------|--------|
| 0° | 0.0000 | 0.0029 | 0.0058 | 0.0087 | 0.0116 | 0.0146 |
| 1° | 0.0175 | 0.0203 | 0.0233 | 0.0262 | 0.0291 | 0.0320 |
| 2° | 0.0349 | 0.0378 | 0.0408 | 0.0437 | 0.0466 | 0.0495 |
| 3 | 0.0524 | 0.0553 | 0.0582 | 0.0612 | 0.0641 | 0.0670 |
| 4 | 0.0699 | 0.0729 | 0.0758 | 0.0787 | 0.0816 | 0.0846 |
| 5 | 0.0875 | 0.0904 | 0.0934 | 0.0963 | 0.0992 | 0.1022 |
| 6 | 0.1051 | 0.1081 | 0.1110 | 0.1139 | 0.1169 | 0.1198 |
| 7 | 0.1228 | 0.1257 | 0.1287 | 0.1317 | 0.1346 | 0.1376 |
| 8 | 0.1405 | 0.1435 | 0.1465 | 0.1495 | 0.1524 | 0.1554 |
| 9 | 0.1584 | 0.1614 | 0.1644 | 0.1673 | 0.1703 | 0.1733 |
| 10 | 0.1763 | 0.1793 | 0.1823 | 0.1853 | 0.1884 | 0.1914 |
| 11 | 0.1944 | 0.1974 | 0.2004 | 0.2035 | 0.2065 | 0.2095 |
| 12 | 0.2126 | 0.2156 | 0.2186 | 0.2217 | 0.2248 | 0.2278 |
| 13 | 0.2309 | 0.2339 | 0.2370 | 0.2401 | 0.2432 | 0.2462 |
| 14 | 0.2493 | 0.2524 | 0.2555 | 0.2586 | 0.2617 | 0.2648 |
| 15 | 0.2680 | 0.2711 | 0.2742 | 0.2773 | 0.2805 | 0.2836 |
| 16 | 0.2868 | 0.2899 | 0.2931 | 0.2962 | 0.2994 | 0.3026 |
| 17 | 0.3057 | 0.3089 | 0.3121 | 0.3153 | 0.3185 | 0.3217 |
| 18 | 0.3249 | 0.3281 | 0.3314 | 0.3346 | 0.3378 | 0.3411 |
| 19 | 0.3443 | 0.3476 | 0.3509 | 0.3541 | 0.3574 | 0.3607 |
| 20 | 0.3640 | 0.3673 | 0.3706 | 0.3739 | 0.3772 | 0.3805 |
| 21 | 0.3839 | 0.3872 | 0.3906 | 0.3939 | 0.3973 | 0.4007 |
| 22 | 0.4040 | 0.4074 | 0.4108 | 0.4142 | 0.4176 | 0.4211 |
| 23 | 0.4245 | 0.4279 | 0.4314 | 0.4348 | 0.4383 | 0.4418 |
| 24 | 0.4452 | 0.4487 | 0.4522 | 0.4557 | 0.4592 | 0.4628 |
| 25 | 0.4663 | 0.4699 | 0.4734 | 0.4770 | 0.4806 | 0.4841 |
| 26 | 0.4877 | 0.4913 | 0.4950 | 0.4986 | 0.5022 | 0.5059 |
| 27 | 0.5095 | 0.5132 | 0.5169 | 0.5206 | 0.5243 | 0.5280 |
| 28 | 0.5317 | 0.5355 | 0.5392 | 0.5430 | 0.5467 | 0.5505 |
| 29 | 0.5543 | 0.5581 | 0.5619 | 0.5658 | 0.5696 | 0.5735 |
| 30 | 0.5774 | 0.5812 | 0.5851 | 0.5891 | 0.5930 | 0.5969 |
| 31 | 0.6009 | 0.6048 | 0.6088 | 0.6128 | 0.6168 | 0.6208 |
| 32 | 0.6249 | 0.6289 | 0.6330 | 0.6371 | 0.6412 | 0.6453 |
| 33 | 0.6491 | 0.6536 | 0.6577 | 0.6619 | 0.6661 | 0.6703 |
| 34 | 0.6745 | 0.6788 | 0.6830 | 0.6873 | 0.6916 | 0.6959 |
| 35 | 0.7002 | 0.7046 | 0.7089 | 0.7133 | 0.7177 | 0.7221 |
| 36 | 0.7265 | 0.7310 | 0.7355 | 0.7400 | 0.7445 | 0.7490 |
| 37 | 0.7536 | 0.7581 | 0.7627 | 0.7673 | 0.7720 | 0.7766 |
| 38 | 0.7813 | 0.7860 | 0.7907 | 0.7954 | 0.8002 | 0.8050 |
| 39 | 0.8098 | 0.8146 | 0.8195 | 0.8243 | 0.8292 | 0.8342 |
| 40 | 0.8391 | 0.8441 | 0.8491 | 0.8541 | 0.8591 | 0.8642 |

AT & U - RECORDS CENTRE

 F199941

Detailed by B.H. March 11, 1963

DWG. NO.
 S 828-F

6