

Alberta Transportation NAD27 3TM Horizontal Data for 83F

| Monument | Date | Elevation | Northing | Easting | Latitude | Longitude | Convergence | Scale | Combined | Map | Base | | |
|-----------|------|-----------|----------|-------------|----------|------------|--------------|---------------|-------------|----------|----------|-----|-----|
| P-83F-1 | 1968 | 1485.600 | M | 5879680.779 | M | -21265.445 | 53- 3- 8.023 | 117-19- 1.740 | 0-15-12.461 | 0.999906 | 0.999673 | 83F | 117 |
| P-83F-2 | 1968 | 1615.440 | M | 5876900.409 | M | -22666.708 | 53- 1-38.080 | 117-20-16.270 | 0-16-11.705 | 0.999906 | 0.999653 | 83F | 117 |
| P-83F-3 | 1968 | 1783.080 | M | 5884752.066 | M | -29364.402 | 53- 5-50.912 | 117-26-18.227 | 0-21- 2.044 | 0.999911 | 0.999631 | 83F | 117 |
| P-83F-4 | 1968 | 1797.180 | M | 5885496.010 | M | -33637.487 | 53- 6-14.731 | 117-27-24.324 | 0-21-55.014 | 0.999914 | 0.999633 | 83F | 117 |
| P-83F-5 | 1968 | 1480.720 | M | 5888159.376 | M | -32308.190 | 53- 7-40.527 | 117-28-57.673 | 0-23-10.102 | 0.999913 | 0.999681 | 83F | 117 |
| P-83F-6 | 1968 | 1493.220 | M | 5889773.262 | M | -32613.963 | 53- 8-32.669 | 117-29-14.709 | 0-23-23.996 | 0.999913 | 0.999679 | 83F | 117 |
| P-83F-7 | 1968 | 1467.310 | M | 5893393.228 | M | -32925.709 | 53-10-29.706 | 117-29-32.821 | 0-23-39.092 | 0.999913 | 0.999684 | 83F | 117 |
| P-83F-8 | 1968 | 1426.460 | M | 5897989.487 | M | -33415.693 | 53-12-58.284 | 117-30- 0.932 | 0-24- 2.371 | 0.999914 | 0.999690 | 83F | 117 |
| P-83F-9 | 1968 | 1715.720 | M | 5907096.798 | M | -33527.692 | 53-17-52.874 | 117-30-10.420 | 0-24-11.517 | 0.999914 | 0.999645 | 83F | 117 |
| P-83F-10 | 1968 | 1019.562 | M | 5917845.306 | M | -40190.626 | 53-23-38.906 | 117-36-15.093 | 0-29- 6.076 | 0.999920 | 0.999760 | 83F | 117 |
| P-83F-11 | 1968 | 1014.527 | M | 5918325.899 | M | -39518.826 | 53-23-54.630 | 117-35-38.950 | 0-28-37.159 | 0.999919 | 0.999760 | 83F | 117 |
| P-83F-12 | 1968 | 1022.296 | M | 5918793.087 | M | -38347.132 | 53-24-10.050 | 117-34-35.750 | 0-27-46.514 | 0.999918 | 0.999758 | 83F | 117 |
| P-83F-16 | 1968 | 1645.310 | M | 5881329.839 | M | -26375.722 | 53- 4- 0.760 | 116-23-36.590 | 0-18-52.335 | 0.999909 | 0.999651 | 83F | 117 |
| P-83F-17 | 1968 | 1894.330 | M | 5883046.497 | M | -25954.258 | 53- 4-56.369 | 117-23-14.453 | 0-18-34.866 | 0.999908 | 0.999612 | 83F | 117 |
| P-83F-18 | 1968 | 1570.020 | M | 5888709.153 | M | -20561.382 | 53- 3-41.604 | 117-18-24.177 | 0-14-42.549 | 0.999905 | 0.999659 | 83F | 117 |
| P-83F-19 | 1969 | 1402.263 | M | 5882711.384 | M | -12847.592 | 53- 4-47.246 | 117-11-30.226 | 0- 9-11.817 | 0.999902 | 0.999682 | 83F | 117 |
| P-83F-20 | 1969 | 1382.270 | M | 5883315.434 | M | -11652.641 | 53- 5- 6.874 | 117-10-26.097 | 0- 8-20.583 | 0.999902 | 0.999685 | 83F | 117 |
| P-83F-21 | 1969 | 1382.270 | M | 5884258.561 | M | -10235.504 | 53- 5-37.503 | 117- 9-10.072 | 0- 7-19.848 | 0.999901 | 0.999685 | 83F | 117 |
| P-83F-22 | 1969 | 1373.651 | M | 5884631.517 | M | -9734.787 | 53- 5-49.602 | 117- 8-43.203 | 0- 6-58.382 | 0.999901 | 0.999686 | 83F | 117 |
| P-83F-23 | 1969 | 1434.080 | M | 5888656.819 | M | -6130.715 | 53- 8- 0.019 | 117- 5-29.777 | 0- 4-23.833 | 0.999900 | 0.999676 | 83F | 117 |
| P-83F-24 | 1969 | 1381.660 | M | 5891525.207 | M | -6743.471 | 53- 9-32.788 | 117- 6- 2.954 | 0- 4-50.473 | 0.999901 | 0.999684 | 83F | 117 |
| P-83F-25 | 1969 | 1381.356 | M | 5892750.381 | M | -4744.345 | 53-10-12.501 | 117- 4-15.421 | 0- 3-24.444 | 0.999900 | 0.999684 | 83F | 117 |
| P-83F-26 | 1969 | 1380.616 | M | 5892774.466 | M | -4740.814 | 53-10-13.279 | 117- 4-15.215 | 0- 3-24.280 | 0.999900 | 0.999684 | 83F | 117 |
| P-83F-27 | 1969 | 1296.000 | M | 5893964.756 | M | -195.687 | 53-10-51.863 | 117- 0-10.587 | 0- 0- 8.475 | 0.999900 | 0.999697 | 83F | 117 |
| P-83F-28 | 1969 | 1187.810 | M | 5895612.660 | M | 958.985 | 53-11-45.171 | 116-59- 8.360 | 0- 0-41.364 | 0.999900 | 0.999714 | 83F | 117 |
| P-83F-29 | 1969 | 1142.390 | M | 5896418.524 | M | 1409.353 | 53-12-11.238 | 116-58-44.067 | 0- 1- 0.804 | 0.999900 | 0.999721 | 83F | 117 |
| P-83F-30 | 1969 | 1163.120 | M | 5898269.516 | M | 1046.701 | 53-13-11.122 | 116-59- 3.584 | 0- 0-45.186 | 0.999900 | 0.999718 | 83F | 117 |
| P-83F-31 | 1970 | 1203.380 | M | 5901642.622 | M | -53610.396 | 53-14-50.524 | 117-48-11.436 | 0-38-36.708 | 0.999935 | 0.999747 | 83F | 117 |
| P-83F-32 | 1970 | 1209.840 | M | 5901769.870 | M | -53435.046 | 53-14-54.704 | 117-48- 2.059 | 0-38-29.230 | 0.999935 | 0.999746 | 83F | 117 |
| P-83F-33 | 1970 | 1203.170 | M | 5902244.315 | M | -52907.472 | 53-15-10.225 | 117-47-33.889 | 0-38- 6.787 | 0.999934 | 0.999746 | 83F | 117 |
| P-83F-34 | 1970 | 1167.613 | M | 5902967.173 | M | -51941.217 | 53-15-33.952 | 117-46-42.198 | 0-37-25.560 | 0.999933 | 0.999750 | 83F | 117 |
| P-83F-35 | 1970 | 1092.394 | M | 5905486.851 | M | -48802.745 | 53-16-56.541 | 117-43-54.289 | 0-35-11.635 | 0.999929 | 0.999758 | 83F | 117 |
| P-83F-36 | 1970 | 1091.120 | M | 5906588.118 | M | -48109.881 | 53-17-32.381 | 117-43-17.490 | 0-34-42.406 | 0.999928 | 0.999758 | 83F | 117 |
| P-83F-37 | 1970 | 1078.570 | M | 5908261.262 | M | -47148.337 | 53-18-26.815 | 117-42-26.474 | 0-34- 1.908 | 0.999927 | 0.999758 | 83F | 117 |
| P-83F-38 | 1970 | 1049.396 | M | 5910077.337 | M | -45898.434 | 53-19-25.956 | 117-41-19.918 | 0-33- 8.964 | 0.999926 | 0.999762 | 83F | 117 |
| P-83F-39 | 1970 | 1043.041 | M | 5911094.461 | M | -44840.503 | 53-19-59.184 | 117-40-23.280 | 0-32-23.771 | 0.999925 | 0.999761 | 83F | 117 |
| P-83F-40 | 1970 | 1031.699 | M | 5913470.526 | M | -43798.765 | 53-21-16.359 | 117-39-28.169 | 0-31-40.094 | 0.999924 | 0.999762 | 83F | 117 |
| P-83F-41 | 1970 | 1030.010 | M | 5914478.146 | M | -42882.472 | 53-21-49.223 | 117-38-39.120 | 0-31- 0.960 | 0.999923 | 0.999761 | 83F | 117 |
| P-83F-42 | 1970 | 1047.200 | M | 5915850.529 | M | -41831.835 | 53-22-33.924 | 117-37-42.958 | 0-30-16.186 | 0.999921 | 0.999757 | 83F | 117 |
| P-83F-43 | 1970 | 1025.770 | M | 5917224.376 | M | -40922.649 | 53-23-18.618 | 117-36-54.413 | 0-29-37.511 | 0.999921 | 0.999760 | 83F | 117 |
| P-83F-68 | 1971 | 1095.927 | M | 5935281.435 | M | -15538.733 | 53-33- 7.629 | 117-14- 4.072 | 0-11-18.970 | 0.999903 | 0.999731 | 83F | 117 |
| P-83F-69 | 1971 | 1093.500 | M | 5935394.418 | M | -14480.048 | 53-33-11.393 | 117-13- 6.583 | 0-10-32.734 | 0.999903 | 0.999731 | 83F | 117 |
| P-83F-70 | 1971 | 1098.179 | M | 5935951.041 | M | -13414.853 | 53-33-29.501 | 117-12- 8.806 | 0- 9-46.296 | 0.999902 | 0.999730 | 83F | 117 |
| P-83F-71 | 1971 | 1087.194 | M | 5936199.304 | M | -12535.382 | 53-33-37.612 | 117-11-21.062 | 0- 9- 7.904 | 0.999902 | 0.999732 | 83F | 117 |
| P-83F-133 | 1973 | 981.282 | M | 5937368.885 | M | 279605.203 | 53-34-13.303 | 116-34-40.531 | 0-20-22.547 | 1.000859 | 1.000705 | 83F | 117 |
| P-83F-134 | 1973 | 0.000 | M | 5937528.250 | M | 27643.474 | 53-34-18.518 | 116-34-57.692 | 0-20- 8.762 | 0.999909 | 0.999909 | 83F | 117 |
| P-83F-135 | 1973 | 938.120 | M | 5937860.991 | M | 21724.914 | 53-34-30.284 | 116-40-19.251 | 0-15-50.074 | 0.999906 | 0.999759 | 83F | 117 |
| P-83F-136 | 1973 | 0.000 | M | 5937523.163 | M | 20893.885 | 53-34-19.477 | 116-41- 4.498 | 0-15-13.631 | 0.999905 | 0.999905 | 83F | 117 |
| P-83F-137 | 1973 | 964.747 | M | 5937053.442 | M | 18690.260 | 53-34- 4.582 | 116-43- 4.356 | 0-13-37.149 | 0.999904 | 0.999753 | 83F | 117 |
| P-83F-139 | 1973 | 984.403 | M | 5935436.295 | M | 15076.130 | 53-33-12.687 | 116-46-21.030 | 0-10-58.790 | 0.999903 | 0.999749 | 83F | 117 |
| P-83F-140 | 1973 | 0.000 | M | 5934072.107 | M | 10979.887 | 53-32-28.923 | 116-50- 3.718 | 0- 7-59.581 | 0.999901 | 0.999901 | 83F | 117 |
| P-83F-141 | 1973 | 0.000 | M | 5933808.306 | M | 98509.312 | 53-32-20.470 | 111-51- 5.019 | 4- 8-30.461 | 1.000019 | 1.000019 | 83F | 117 |
| P-83F-142 | 1973 | 0.000 | M | 5933764.537 | M | 96889.615 | 53-32-19.065 | 116-51-13.877 | 0- 7- 3.139 | 1.000015 | 1.000015 | 83F | 117 |
| P-83F-143 | 1973 | 0.000 | M | 5934304.898 | M | 82459.950 | 53-32-36.634 | 116-52-32.167 | 0- 6- 0.196 | 0.999983 | 0.999983 | 83F | 117 |
| P-83F-144 | 1973 | 0.000 | M | 5934485.492 | M | 77659.917 | 53-32-42.502 | 116-52-58.221 | 0- 5-39.248 | 0.999974 | 0.999974 | 83F | 117 |
| P-83F-145 | 1973 | 0.000 | M | 5934376.502 | M | 64799.292 | 53-32-39.039 | 116-54- 8.108 | 0- 4-43.032 | 0.999951 | 0.999951 | 83F | 117 |
| P-83F-146 | 1973 | 0.000 | M | 5934374.262 | M | 5907.738 | 53-32-38.991 | 116-54-39.149 | 0- 4-18.065 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-147 | 1973 | 0.000 | M | 5934391.584 | M | 5522.245 | 53-32-39.566 | 116-55- 0.084 | 0- 4- 1.227 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-148 | 1973 | 0.000 | M | 5934408.079 | M | 5036.424 | 53-32-40.118 | 116-55-26.468 | 0- 3-40.007 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-149 | 1973 | 0.000 | M | 5934656.116 | M | 3065.386 | 53-32-48.196 | 116-57-13.508 | 0- 2-13.916 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-150 | 1973 | 0.000 | M | 5934588.594 | M | 1520.625 | 53-32-46.036 | 116-58-37.411 | 0- 1- 6.429 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-151 | 1973 | 0.000 | M | 5934535.367 | M | 231.918 | 53-32-44.322 | 116-59-47.404 | 0- 0-10.131 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-152 | 1973 | 0.000 | M | 5934508.054 | M | -370.953 | 53-32-43.438 | 117- 0-20.147 | 0- 0-16.205 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-153 | 1973 | 0.000 | M | 5934506.466 | M | -650.251 | 53-32-43.386 | 117- 0-35.316 | 0- 0-28.406 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-154 | 1973 | 0.000 | M | 5934472.715 | M | -1201.708 | 53-32-42.921 | 117- 1- 5.267 | 0- 0-52.496 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-155 | 1973 | 0.000 | M | 5933445.582 | M | -2700.868 | 53-32- 9.044 | 117- 2-26.656 | 0- 1-57.945 | 0.999900 | 0.999900 | 83F | 117 |
| P-83F-156 | 1973 | 1055.827 | M | 5933245.237 | M | -2925.271 | 53-32- 2.558 | 117- 2-38.834 | 0- 2- 7.736 | 0.999900 | 0.999735 | 83F | 117 |
| P-83F-157 | 1973 | 1054.178 | M | 5934026.884 | M | -4764.787 | 53-32-27.796 | 117- 4-18.758 | 0- 3-28.115 | 0.999900 | 0.999735 | 83F | 117 |
| P-83F-158 | 1973 | 1056.632 | M | 5934062.147 | M | -6422.736 | 53-32-28.873 | 117- 5-48.798 | 0- 4-40.533 | 0.999901 | 0.999735 | 83F | 117 |
| P-83F-159 | 1973 | 1063.511 | M | 5933795.114 | M | -7906.014 | 53-32-20.162 | 117- 7- 9.325 | 0- 5-45.289 | 0.999901 | 0.999734 | 83F | 117 |
| P-83F-160 | 1973 | 1064.334 | M | 5933877.301 | M | -8446.111 | 53-32-22.790 | 117- 7-38.554 | 0- 6- 8.801 | 0.999901 | 0.999734 | 83F | 117 |
| P-83F-161 | 1973 | 1072.890 | M | 5 | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----------|------|----------|---|-------------|---|------------|--------------|----------------|-------------|----------|----------|-----|-----|
| P-83F-182 | 1974 | 1378.300 | M | 5874702.520 | M | 16289.242 | 53- 0-27.810 | 116-45-26.332 | 0-11-37.814 | 0.999903 | 0.999687 | 83F | 117 |
| P-83F-183 | 1974 | 1402.480 | M | 5875378.646 | M | 15474.035 | 53- 0-49.771 | 116-46- 9.939 | 0-11- 3.037 | 0.999903 | 0.999683 | 83F | 117 |
| P-83F-185 | 1974 | 1420.790 | M | 5877788.602 | M | 12687.343 | 53- 2- 8.001 | 116-48-39.081 | 0- 9- 4.060 | 0.999902 | 0.999680 | 83F | 117 |
| P-83F-186 | 1974 | 1454.290 | M | 5879663.262 | M | 10529.237 | 53- 3- 8.818 | 116-50-34.684 | 0- 7-31.793 | 0.999901 | 0.999674 | 83F | 117 |
| P-83F-187 | 1974 | 1463.470 | M | 5880233.409 | M | 9866.874 | 53- 3-27.308 | 116-51-10.183 | 0- 7- 3.451 | 0.999901 | 0.999672 | 83F | 117 |
| P-83F-188 | 1974 | 1464.050 | M | 5880564.214 | M | 9496.555 | 53- 3-38.034 | 116-51-30.033 | 0- 6-47.602 | 0.999901 | 0.999672 | 83F | 117 |
| P-83F-190 | 1974 | 1449.750 | M | 5881993.339 | M | 7875.449 | 53- 4-24.364 | 116-52-56.961 | 0- 5-38.180 | 0.999901 | 0.999674 | 83F | 117 |
| P-83F-191 | 1974 | 1457.040 | M | 5884266.285 | M | 5196.991 | 53- 5-38.015 | 116-55-20.705 | 0- 3-43.330 | 0.999900 | 0.999672 | 83F | 117 |
| P-83F-192 | 1974 | 1453.170 | M | 5884946.248 | M | 4396.171 | 53- 6- 0.038 | 116-56- 3.709 | 0- 3- 8.958 | 0.999900 | 0.999673 | 83F | 117 |
| P-83F-193 | 1974 | 1441.850 | M | 5885832.259 | M | 3333.313 | 53- 6-28.730 | 116-57- 0.804 | 0- 2-23.315 | 0.999900 | 0.999674 | 83F | 117 |
| P-83F-195 | 1974 | 1274.130 | M | 5892785.311 | M | 2853.396 | 53-10-13.679 | 117- 2-33.619 | 0- 2- 2.960 | 0.999900 | 0.999701 | 83F | 117 |
| P-83F-196 | 1974 | 1380.160 | M | 5892779.507 | M | -4740.875 | 53-10-13.443 | 117- 4-15.192 | 0- 3-24.261 | 0.999900 | 0.999684 | 83F | 117 |
| P-83F-197 | 1974 | 1432.160 | M | 5888610.660 | M | -6138.831 | 53- 7-58.525 | 117- 5-30.210 | 0- 4-24.178 | 0.999900 | 0.999676 | 83F | 117 |
| P-83F-198 | 1974 | 1423.690 | M | 5888488.146 | M | -6017.356 | 53- 7-54.567 | 117- 5-23.668 | 0- 4-18.940 | 0.999900 | 0.999678 | 83F | 117 |
| P-83F-199 | 1974 | 1418.720 | M | 5888428.024 | M | -5967.719 | 53- 7-52.623 | 117- 5-20.994 | 0- 4-16.799 | 0.999900 | 0.999678 | 83F | 117 |
| P-83F-200 | 1974 | 1411.190 | M | 5888212.552 | M | -5893.375 | 53- 7-45.656 | 117- 5-16.980 | 0- 4-13.582 | 0.999900 | 0.999679 | 83F | 117 |
| P-83F-201 | 1974 | 1407.400 | M | 5888114.238 | M | -5820.407 | 53- 7-42.478 | 117- 5-13.049 | 0- 4-10.434 | 0.999900 | 0.999680 | 83F | 117 |
| P-83F-202 | 1974 | 1402.960 | M | 5888053.385 | M | -5791.622 | 53- 7-40.510 | 117- 5-11.497 | 0- 4- 9.190 | 0.999900 | 0.999681 | 83F | 117 |
| P-83F-203 | 1974 | 1399.580 | M | 5887928.140 | M | -5707.916 | 53- 7-36.462 | 117- 5- 6.987 | 0- 4- 5.579 | 0.999900 | 0.999681 | 83F | 117 |
| P-83F-204 | 1974 | 1393.180 | M | 5887801.785 | M | -5488.133 | 53- 7-32.383 | 117- 4-55.159 | 0- 3-56.113 | 0.999900 | 0.999682 | 83F | 117 |
| P-83F-205 | 1974 | 1464.140 | M | 5888045.512 | M | -5333.738 | 53- 7-40.273 | 117- 4-46.870 | 0- 3-49.489 | 0.999900 | 0.999671 | 83F | 117 |
| P-83F-206 | 1974 | 1376.810 | M | 5888594.582 | M | -4973.758 | 53- 7-58.049 | 117- 4-27.539 | 0- 3-34.039 | 0.999900 | 0.999685 | 83F | 117 |
| P-83F-207 | 1977 | 1024.900 | M | 5918755.824 | M | -38165.104 | 53-24- 8.900 | 117-34-25.876 | 0-27-38.579 | 0.999918 | 0.999757 | 83F | 117 |
| P-83F-208 | 1977 | 1039.300 | M | 5918352.728 | M | -38412.404 | 53-23-55.796 | 117-34-39. 085 | 0-27-49.106 | 0.999918 | 0.999755 | 83F | 117 |
| P-83F-209 | 1977 | 1060.800 | M | 5917985.022 | M | -38156.363 | 53-23-43.968 | 117-34-25.067 | 0-27-37.781 | 0.999918 | 0.999752 | 83F | 117 |
| P-83F-210 | 1977 | 1092.500 | M | 5917202.607 | M | -38226.767 | 53-23-18.640 | 117-34-28.537 | 0-27-40.415 | 0.999918 | 0.999747 | 83F | 117 |
| P-83F-211 | 1977 | 1109.200 | M | 5917016.389 | M | -38079.238 | 53-23-12.655 | 117-34-20.473 | 0-27-33.907 | 0.999918 | 0.999744 | 83F | 117 |
| P-83F-212 | 1977 | 1102.400 | M | 5917266.156 | M | -37772.553 | 53-23-20.813 | 117-34- 3.987 | 0-27-20.722 | 0.999917 | 0.999745 | 83F | 117 |
| P-83F-213 | 1977 | 1099.500 | M | 5917424.702 | M | -37522.637 | 53-23-26.006 | 117-33-50.531 | 0-27- 9.951 | 0.999917 | 0.999745 | 83F | 117 |
| P-83F-214 | 1977 | 1101.900 | M | 5917416.618 | M | -37423.151 | 53-23-25.770 | 117-33-45.145 | 0-27- 5.626 | 0.999917 | 0.999745 | 83F | 117 |
| P-83F-215 | 1977 | 1115.300 | M | 5917326.151 | M | -37307.771 | 53-23-22.873 | 117-33-38.863 | 0-27- 0.566 | 0.999917 | 0.999742 | 83F | 117 |
| P-83F-216 | 1977 | 1120.200 | M | 5917208.330 | M | -37271.024 | 53-23-19.071 | 117-33-36.824 | 0-26-58.908 | 0.999917 | 0.999742 | 83F | 117 |
| P-83F-217 | 1977 | 1116.600 | M | 5917098.961 | M | -37199.731 | 53-23-15.551 | 117-33-32.920 | 0-26-55.753 | 0.999917 | 0.999742 | 83F | 117 |
| P-83F-218 | 1977 | 1112.100 | M | 5917128.203 | M | -37094.746 | 53-23-16.524 | 117-33-27.252 | 0-26-51.209 | 0.999917 | 0.999743 | 83F | 117 |
| P-83F-219 | 1977 | 1093.500 | M | 5917304.706 | M | -36909.087 | 53-23-22.280 | 117-33-17.280 | 0-26-43.238 | 0.999917 | 0.999745 | 83F | 117 |
| P-83F-220 | 1977 | 1113.100 | M | 5917199.919 | M | -36792.585 | 53-23-18.920 | 117-33-10.932 | 0-26-38.123 | 0.999917 | 0.999742 | 83F | 117 |
| P-83F-221 | 1977 | 1125.900 | M | 5917180.848 | M | -36661.408 | 53-23-18.336 | 117-33- 3.827 | 0-26-32.416 | 0.999916 | 0.999740 | 83F | 117 |
| P-83F-222 | 1977 | 1134.500 | M | 5917248.061 | M | -36522.813 | 53-23-20.544 | 117-32-56.355 | 0-26-26.431 | 0.999916 | 0.999739 | 83F | 117 |
| P-83F-223 | 1977 | 1144.400 | M | 5917173.056 | M | -36378.776 | 53-23-18.154 | 117-32-48.530 | 0-26-20.136 | 0.999916 | 0.999737 | 83F | 117 |
| P-83F-224 | 1977 | 1147.894 | M | 5917330.212 | M | -36243.659 | 53-23-23.271 | 117-32-41.284 | 0-26-14.349 | 0.999916 | 0.999736 | 83F | 117 |
| P-83F-225 | 1977 | 1151.300 | M | 5918537.986 | M | -35212.267 | 53-24- 2.592 | 117-31-45.959 | 0-25-30.155 | 0.999915 | 0.999735 | 83F | 117 |
| P-83F-226 | 1977 | 1154.304 | M | 5918687.090 | M | -35083.222 | 53-24- 7.446 | 117-31-39.034 | 0-25-24.622 | 0.999915 | 0.999734 | 83F | 117 |
| P-83F-227 | 1977 | 1152.404 | M | 5918896.240 | M | -34903.089 | 53-24-14.254 | 117-31-29.367 | 0-25-16.898 | 0.999915 | 0.999735 | 83F | 117 |
| P-83F-228 | 1977 | 1139.600 | M | 5919319.508 | M | -34542.619 | 53-24-28.032 | 117-31-10.022 | 0-25- 1.442 | 0.999915 | 0.999736 | 83F | 117 |
| P-83F-229 | 1977 | 1130.201 | M | 5919556.630 | M | -34337.406 | 53-24-35.750 | 117-30-59.006 | 0-24-52.638 | 0.999914 | 0.999737 | 83F | 117 |
| P-83F-232 | 1988 | 1088.950 | M | 5893598.097 | M | 66694.433 | 53-10-24.972 | 116- 0- 9.044 | 0-47-54.426 | 0.999955 | 0.999784 | 83F | 117 |
| P-83F-237 | 1989 | 1388.901 | M | 5895349.485 | M | -33836.290 | 53-11-32.793 | 117-30-22.597 | 0-24-19.270 | 0.999914 | 0.999697 | 83F | 117 |
| P-83F-260 | 1985 | 1369.300 | M | 5902727.158 | M | -32500.685 | 53-15-31.757 | 117-29-13.364 | 0-23-25.054 | 0.999913 | 0.999699 | 83F | 117 |
| P-83F-261 | 1985 | 1329.000 | M | 5900083.140 | M | -24669.016 | 53-14- 7.741 | 117-22-10.132 | 0-17-45.573 | 0.999907 | 0.999699 | 83F | 117 |
| P-83F-262 | 1985 | 1440.100 | M | 5895698.159 | M | -13454.239 | 53-11-47.333 | 117-12- 4.784 | 0- 9-40.301 | 0.999902 | 0.999677 | 83F | 117 |
| P-83F-263 | 1985 | 1474.140 | M | 5888274.395 | M | -5727.344 | 53- 7-47.668 | 117- 5- 8.589 | 0- 4- 6.871 | 0.999900 | 0.999670 | 83F | 117 |
| P-83F-264 | 1985 | 1609.200 | M | 5879893.649 | M | -15824.155 | 53- 3-15.806 | 117-14- 9.644 | 0-11-19.041 | 0.999903 | 0.999651 | 83F | 117 |
| P-83F-265 | 1985 | 1574.600 | M | 5893735.206 | M | -31905.194 | 53-10-41.001 | 117-28-38.003 | 0-22-55.268 | 0.999912 | 0.999666 | 83F | 117 |
| P-83F-266 | 1985 | 1613.700 | M | 5899062.874 | M | -34536.903 | 53-13-32.757 | 117-31- 1.780 | 0-24-51.291 | 0.999915 | 0.999662 | 83F | 117 |
| P-83F-267 | 1985 | 1387.620 | M | 5891495.260 | M | -5035.717 | 53- 9-31.891 | 117- 4-31.041 | 0- 3-36.914 | 0.999900 | 0.999683 | 83F | 117 |
| P-83F-268 | 1985 | 1378.300 | M | 5891935.373 | M | -4139.509 | 53- 9-46.157 | 117- 3-42.825 | 0- 2-58.336 | 0.999900 | 0.999684 | 83F | 117 |
| P-83F-269 | 1985 | 1296.210 | M | 5893960.987 | M | -196.143 | 53-10-51.746 | 117- 0-10.567 | 0- 0- 8.459 | 0.999900 | 0.999697 | 83F | 117 |
| P-83F-270 | 1985 | 1475.870 | M | 5900121.728 | M | -9366.182 | 53-14-10.754 | 117- 8-25.029 | 0- 6-44.584 | 0.999901 | 0.999670 | 83F | 117 |
| P-83F-271 | 1988 | 925.200 | M | 5936018.281 | M | 31937.753 | 53-33-28.802 | 116-31- 4.884 | 0-23-15.832 | 0.999913 | 0.999768 | 83F | 117 |
| P-83F-272 | 1988 | 927.000 | M | 5935628.721 | M | 30505.524 | 53-33-16.507 | 116-32-22.829 | 0-22-13.069 | 0.999911 | 0.999766 | 83F | 117 |
| P-83F-273 | 1988 | 916.440 | M | 5933601.477 | M | 31290.579 | 53-32-10.763 | 116-31-40.912 | 0-22-46.467 | 0.999912 | 0.999769 | 83F | 117 |
| P-83F-274 | 1988 | 921.680 | M | 5933399.289 | M | 31292.693 | 53-32- 4.223 | 116-31-40.870 | 0-22-46.468 | 0.999912 | 0.999768 | 83F | 117 |
| P-83F-275 | 1988 | 917.300 | M | 5932788.317 | M | 31675.639 | 53-31-44.376 | 116-31-20.300 | 0-23- 2.913 | 0.999912 | 0.999769 | 83F | 117 |
| P-83F-276 | 1988 | 941.290 | M | 5931779.843 | M | 33461.628 | 53-31-11.356 | 116-29-43.729 | 0-24-20.399 | 0.999914 | 0.999766 | 83F | 117 |
| P-83F-277 | 1988 | 958.720 | M | 5930060.461 | M | 34699.933 | 53-30-15.449 | 116-28-37.202 | 0-25-13.588 | 0.999915 | 0.999765 | 83F | 117 |
| P-83F-278 | 1988 | 958.270 | M | 5928790.389 | M | 35452.529 | 53-29-34.184 | 116-27-56.885 | 0-25-45.770 | 0.999915 | 0.999765 | 83F | 117 |
| P-83F-279 | 1988 | 981.680 | M | 5926551.623 | M | 36529.223 | 53-28-21.500 | 116-26-59.420 | 0-26-31.544 | 0.999916 | 0.999763 | 83F | 117 |
| P-83F-280 | 1988 | 987.510 | M | 5924530.885 | M | 37328.118 | 53-27-15.932 | 116-26-16.970 | 0-27- 5.273 | 0.999917 | 0.999762 | 83F | 117 |
| P-83F-281 | 1988 | 993.710 | M | 5923489.912 | M | 37592.325 | 53-26-42.191 | 116-26- 3.100 | 0-27-16.218 | 0.999917 | 0.999762 | 83F | 117 |
| P-83F-282 | 1988 | 1006.870 | M | 5922808.435 | M | 37877.706 | 53-26-20.073 | 116-25-47.933 | 0-27-28.271 | 0.999918 | 0.999760 | 83F | 117 |
| P-83F-283 | 1988 | 1000.580 | M | 5922084.918 | M | 38569.496 | 53-25-56.488 | 116-25-10.775 | 0-27-57.975 | 0.999918 | 0.999762 | 83F | 117 |
| P-83F-284 | 1988 | 1003.680 | M | 5921207.953 | M | 37722.005 | 53-25-28.341 | 1 | | | | | |

| | | | | | | | | | | | | | |
|-----------|------|----------|---|-------------|---|------------|--------------|---------------|-------------|----------|----------|-----|-----|
| P-83F-311 | 1988 | 1145.150 | M | 5889630.565 | M | 47891.573 | 53- 8-23.909 | 116-17- 3.459 | 0-34-21.509 | 0.999928 | 0.999749 | 83F | 117 |
| P-83F-312 | 1988 | 1168.700 | M | 5887986.739 | M | 49833.139 | 53- 7-30.094 | 116-15-19.933 | 0-35-43.922 | 0.999930 | 0.999747 | 83F | 117 |
| P-83F-313 | 1988 | 1175.790 | M | 5886441.094 | M | 51867.677 | 53- 6-39.396 | 116-13-31.423 | 0-37-10.314 | 0.999933 | 0.999749 | 83F | 117 |
| P-83F-314 | 1988 | 1174.570 | M | 5885158.492 | M | 53541.975 | 53- 5-57.311 | 116-12- 2.186 | 0-38-21.335 | 0.999935 | 0.999751 | 83F | 117 |
| P-83F-315 | 1988 | 1161.200 | M | 5884386.186 | M | 54553.548 | 53- 5-31.960 | 116-11- 8.293 | 0-39- 4.216 | 0.999936 | 0.999755 | 83F | 117 |
| P-83F-316 | 1988 | 1186.530 | M | 5885368.526 | M | 55531.981 | 53- 6- 3.374 | 116-10-15.107 | 0-39-47.017 | 0.999938 | 0.999752 | 83F | 117 |
| P-83F-317 | 1988 | 1183.890 | M | 5885832.181 | M | 55994.423 | 53- 6-18.198 | 116- 9-49.962 | 0-40- 7.256 | 0.999938 | 0.999753 | 83F | 117 |
| P-83F-318 | 1988 | 1172.960 | M | 5886569.700 | M | 56729.991 | 53- 6-41.776 | 116- 9- 9.957 | 0-40-39.459 | 0.999939 | 0.999756 | 83F | 117 |
| P-83F-319 | 1988 | 1169.890 | M | 5887976.725 | M | 58176.132 | 53- 7-26.730 | 116- 7-51.298 | 0-41-42.782 | 0.999942 | 0.999758 | 83F | 117 |
| P-83F-320 | 1988 | 1164.250 | M | 5889395.519 | M | 59666.579 | 53- 8-12.031 | 116- 6-30.202 | 0-42-48.078 | 0.999944 | 0.999761 | 83F | 117 |
| P-83F-321 | 1988 | 1152.110 | M | 5890045.802 | M | 60325.124 | 53- 8-32.799 | 116- 5-54.340 | 0-43-16.967 | 0.999945 | 0.999764 | 83F | 117 |
| P-83F-322 | 1988 | 1143.170 | M | 5890558.373 | M | 60832.517 | 53- 8-49.172 | 116- 5-26.694 | 0-43-39.243 | 0.999945 | 0.999766 | 83F | 117 |
| P-83F-323 | 1988 | 1148.330 | M | 5891688.033 | M | 62738.315 | 53- 9-24.918 | 116- 3-43.364 | 0-45- 2.279 | 0.999948 | 0.999768 | 83F | 117 |
| P-83F-324 | 1988 | 1141.870 | M | 5892261.659 | M | 63703.168 | 53- 9-43.061 | 116- 2-51.032 | 0-45-44.341 | 0.999950 | 0.999771 | 83F | 117 |
| P-83F-325 | 1988 | 1121.600 | M | 5892835.723 | M | 64670.199 | 53-10- 1.210 | 116- 1-58.570 | 0-46-26.512 | 0.999951 | 0.999776 | 83F | 117 |
| P-83F-326 | 1988 | 958.680 | M | 5937394.742 | M | 31283.853 | 53-34-13.469 | 116-31-39.912 | 0-22-47.872 | 0.999912 | 0.999762 | 83F | 117 |
| P-83F-327 | 1989 | 1376.570 | M | 5895031.665 | M | -32899.556 | 53-11-22.723 | 117-29-32.025 | 0-23-38.727 | 0.999913 | 0.999698 | 83F | 117 |
| P-83F-331 | 1989 | 1189.970 | M | 5883561.666 | M | 55631.398 | 53- 5- 4.888 | 116-10-10.889 | 0-39-49.882 | 0.999938 | 0.999752 | 83F | 117 |
| P-83F-332 | 1989 | 1197.520 | M | 5881879.308 | M | 57755.617 | 53- 4- 9.656 | 116- 8-17.854 | 0-41-19.759 | 0.999941 | 0.999753 | 83F | 117 |
| P-83F-333 | 1989 | 1233.840 | M | 5880793.095 | M | 59189.790 | 53- 3-33.955 | 116- 7- 1.550 | 0-42-20.424 | 0.999943 | 0.999750 | 83F | 117 |
| P-83F-334 | 1989 | 1198.500 | M | 5881474.967 | M | 59149.445 | 53- 3-56.028 | 116- 7- 3.266 | 0-42-19.257 | 0.999943 | 0.999755 | 83F | 117 |
| P-83F-335 | 1989 | 1176.310 | M | 5883138.926 | M | 60828.785 | 53- 4-49.175 | 116- 6-31.954 | 0-42-44.782 | 0.999945 | 0.999761 | 83F | 117 |
| P-83F-336 | 1989 | 1179.210 | M | 5883590.728 | M | 60285.815 | 53- 5- 4.011 | 116- 6- 0.817 | 0-43- 9.816 | 0.999945 | 0.999760 | 83F | 117 |
| P-83F-337 | 1989 | 1177.930 | M | 5885984.782 | M | 57149.983 | 53- 6-22.694 | 116- 8-47.753 | 0-40-57.048 | 0.999940 | 0.999756 | 83F | 117 |
| P-83F-338 | 1989 | 1171.980 | M | 5886453.361 | M | 56615.199 | 53- 6-38.057 | 116- 9-16.201 | 0-40-34.432 | 0.999939 | 0.999756 | 83F | 117 |