

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
0	265,498.80	2,327,065.78	34.37	0.00
1	265,531.43	2,327,113.50	34.37	57.81
2	265,564.07	2,327,161.21	34.37	115.62
3	265,586.83	2,327,194.49	36.51	155.94
4	265,597.75	2,327,208.15	38.65	173.42
5	265,616.61	2,327,231.73	31.84	203.62
6	265,624.43	2,327,248.50	16.74	222.12
7	265,625.77	2,327,257.51	8.44	231.23
8	265,628.03	2,327,272.74	1.58	246.63
9	265,626.01	2,327,294.62	348.00	268.60
10	265,619.45	2,327,313.98	341.28	289.04
11	265,611.93	2,327,336.18	341.73	312.48
12	265,601.41	2,327,368.90	342.17	346.85
13	265,583.71	2,327,423.93	341.73	404.66
14	265,565.16	2,327,478.68	342.81	462.46
15	265,557.69	2,327,505.31	338.74	490.12
16	265,541.35	2,327,537.58	339.63	526.29
17	265,540.11	2,327,542.59	351.20	531.45
18	265,539.75	2,327,548.14	5.18	537.01
19	265,550.42	2,327,590.71	11.84	580.90
20	265,552.15	2,327,600.94	14.03	591.28
21	265,566.68	2,327,644.47	19.29	637.16
22	265,584.44	2,327,692.93	18.03	688.78
23	265,586.14	2,327,698.89	15.94	694.97
24	265,588.07	2,327,705.64	9.69	702.00
25	265,590.17	2,327,740.40	359.21	736.82
26	265,589.19	2,327,751.50	352.86	747.96
27	265,587.41	2,327,762.45	353.41	759.05
28	265,583.87	2,327,814.13	356.45	810.86
29	265,581.69	2,327,853.26	353.47	850.05
30	265,578.50	2,327,871.60	350.13	868.67
31	265,568.60	2,327,928.56	350.13	926.47
32	265,566.36	2,327,941.43	357.06	939.54
33	265,567.55	2,327,958.48	1.39	956.63
34	265,566.91	2,327,988.56	356.36	986.72
35	265,548.76	2,328,159.11	350.75	1,158.24
36	265,542.28	2,328,188.52	345.40	1,188.35
37	265,534.79	2,328,213.37	337.64	1,214.30
38	265,528.74	2,328,224.77	328.26	1,227.21
39	265,522.53	2,328,233.48	318.49	1,237.91
40	265,512.25	2,328,242.89	305.15	1,251.84
41	265,499.50	2,328,249.62	291.36	1,266.26
42	265,490.01	2,328,252.15	282.11	1,276.08
43	265,483.15	2,328,253.27	270.42	1,283.03
44	265,461.42	2,328,250.04	263.56	1,305.00
45	265,453.96	2,328,249.46	276.31	1,312.48
46	265,447.33	2,328,251.49	294.99	1,319.41
47	265,440.86	2,328,255.69	313.36	1,327.13
48	265,435.45	2,328,263.07	330.00	1,336.27
49	265,422.07	2,328,293.45	336.75	1,369.47
50	265,403.19	2,328,338.51	331.87	1,418.33
51	265,388.14	2,328,361.22	323.73	1,445.58

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
52	265,376.67	2,328,375.38	326.87	1,463.80
53	265,366.15	2,328,395.80	336.41	1,486.77
54	265,359.25	2,328,414.86	340.09	1,507.04
55	265,345.42	2,328,453.03	334.45	1,547.64
56	265,339.97	2,328,462.03	319.38	1,558.16
57	265,334.84	2,328,466.32	309.96	1,564.85
58	265,331.36	2,328,469.24	303.50	1,569.38
59	265,317.21	2,328,476.46	301.87	1,585.28
60	265,305.29	2,328,485.34	314.69	1,600.14
61	265,297.73	2,328,495.25	327.16	1,612.60
62	265,292.96	2,328,504.10	336.33	1,622.65
63	265,286.83	2,328,521.94	344.76	1,641.52
64	265,279.08	2,328,559.99	346.75	1,680.35
65	265,272.91	2,328,583.03	340.05	1,704.20
66	265,265.99	2,328,597.93	328.95	1,720.63
67	265,234.45	2,328,639.50	331.78	1,772.81
68	265,230.20	2,328,651.65	348.97	1,785.69
69	265,229.70	2,328,661.90	1.54	1,795.94
70	265,233.97	2,328,703.19	2.61	1,837.46
71	265,233.75	2,328,721.62	354.86	1,855.88
72	265,230.93	2,328,738.28	345.90	1,872.78
73	265,224.61	2,328,757.07	336.85	1,892.61
74	265,212.45	2,328,780.23	328.55	1,918.77
75	265,194.59	2,328,805.54	321.34	1,949.74
76	265,122.51	2,328,885.31	322.12	2,057.26
77	265,110.02	2,328,904.06	331.16	2,079.78
78	265,103.99	2,328,917.59	339.62	2,094.60
79	265,098.81	2,328,934.83	347.00	2,112.60
80	265,083.06	2,329,031.29	357.98	2,210.34
81	265,084.07	2,329,042.29	18.40	2,221.38
82	265,090.78	2,329,053.21	47.57	2,234.20
83	265,103.42	2,329,059.49	72.97	2,248.31
84	265,115.61	2,329,061.13	87.75	2,260.62
85	265,250.74	2,329,053.71	86.75	2,395.94
86	265,268.61	2,329,056.75	72.50	2,414.07
87	265,281.73	2,329,062.97	59.07	2,428.60
88	265,361.02	2,329,121.65	46.95	2,527.24
89	265,370.77	2,329,133.11	37.01	2,542.28
90	265,388.14	2,329,159.23	27.70	2,573.65
91	265,393.55	2,329,172.77	14.64	2,588.23
92	265,398.87	2,329,213.25	12.28	2,629.06
93	265,403.22	2,329,227.42	34.74	2,643.88
94	265,427.94	2,329,246.45	58.91	2,675.08
95	265,464.86	2,329,263.34	69.11	2,715.67
96	265,490.45	2,329,271.25	74.49	2,742.46
97	265,512.89	2,329,276.78	84.59	2,765.57
98	265,542.42	2,329,275.23	96.88	2,795.14
99	265,548.85	2,329,274.01	89.83	2,801.68
100	265,555.12	2,329,275.24	46.08	2,808.07
101	265,590.41	2,329,425.06	358.45	2,962.00
102	265,587.96	2,329,433.41	325.38	2,970.70
103	265,577.41	2,329,441.40	298.74	2,983.94

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
104	265,563.59	2,329,446.53	276.81	2,998.68
105	265,522.57	2,329,441.68	269.17	3,039.97
106	265,504.27	2,329,443.30	296.28	3,058.35
107	265,490.73	2,329,458.07	331.64	3,078.39
108	265,482.05	2,329,492.36	339.40	3,113.76
109	265,457.98	2,329,539.62	339.99	3,166.80
110	265,452.79	2,329,562.02	1.27	3,189.78
111	265,458.10	2,329,581.07	31.68	3,209.57
112	265,480.85	2,329,601.71	40.61	3,240.28
113	265,487.40	2,329,611.64	17.12	3,252.18
114	265,487.59	2,329,624.84	347.46	3,265.39
115	265,458.21	2,329,685.39	318.82	3,332.69
116	265,428.70	2,329,704.94	310.18	3,368.08
117	265,397.10	2,329,738.64	308.74	3,414.28
118	265,352.12	2,329,765.28	311.94	3,466.55
119	265,344.22	2,329,775.85	349.23	3,479.75
120	265,347.94	2,329,789.52	37.33	3,493.91
121	265,360.32	2,329,796.82	79.29	3,508.29
122	265,387.20	2,329,792.51	87.88	3,535.52
123	265,398.93	2,329,795.29	66.95	3,547.57
124	265,411.52	2,329,803.39	43.71	3,562.54
125	265,419.24	2,329,816.67	10.37	3,577.90
126	265,417.05	2,329,829.89	343.19	3,591.31
127	265,385.74	2,329,899.48	327.71	3,667.61
128	265,361.41	2,329,928.10	314.51	3,705.18
129	265,344.84	2,329,941.70	299.02	3,726.61
130	265,279.25	2,329,963.86	290.29	3,795.84
131	265,231.27	2,329,983.15	293.49	3,847.56
132	265,215.97	2,329,990.31	283.86	3,864.45
133	265,205.68	2,329,990.79	264.43	3,874.75
134	265,152.83	2,329,977.82	260.84	3,929.17
135	265,117.56	2,329,975.02	271.47	3,964.54
136	265,072.14	2,329,981.00	289.59	4,010.36
137	265,009.09	2,330,019.92	307.87	4,084.45
138	264,994.62	2,330,033.92	322.51	4,104.59
139	264,980.93	2,330,058.57	341.65	4,132.79
140	264,978.65	2,330,075.54	0.82	4,149.90
141	264,981.93	2,330,095.56	13.95	4,170.19
142	264,988.22	2,330,114.25	27.72	4,189.92
143	265,014.32	2,330,149.09	40.58	4,233.45
144	265,032.93	2,330,168.15	51.07	4,260.08
145	265,046.67	2,330,176.80	45.71	4,276.32
146	265,061.89	2,330,199.69	41.60	4,303.81
147	265,072.73	2,330,208.93	55.95	4,318.06
148	265,122.32	2,330,234.95	59.38	4,374.05
149	265,135.72	2,330,243.84	50.98	4,390.14
150	265,147.46	2,330,255.37	56.46	4,406.59
151	265,168.07	2,330,263.94	52.14	4,428.91
152	265,174.18	2,330,272.09	14.14	4,439.10
153	265,162.32	2,330,350.70	358.41	4,518.60
154	265,163.49	2,330,363.18	12.59	4,531.13
155	265,167.52	2,330,374.36	28.77	4,543.01

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
156	265,180.89	2,330,391.63	33.55	4,564.86
157	265,208.16	2,330,440.14	35.74	4,620.50
158	265,224.78	2,330,458.50	31.76	4,645.27
159	265,229.35	2,330,470.18	6.21	4,657.81
160	265,224.85	2,330,498.77	339.10	4,686.76
161	265,219.13	2,330,507.62	317.68	4,697.29
162	265,183.67	2,330,535.53	316.46	4,742.42
163	265,174.83	2,330,548.02	333.73	4,757.72
164	265,170.70	2,330,561.34	354.87	4,771.66
165	265,172.94	2,330,579.58	17.48	4,790.04
166	265,187.38	2,330,606.78	31.84	4,820.84
167	265,211.55	2,330,640.40	41.98	4,862.25
168	265,256.78	2,330,680.77	54.72	4,922.87
169	265,277.17	2,330,691.98	55.53	4,946.14
170	265,462.86	2,330,848.57	42.17	5,189.04
171	265,483.38	2,330,878.44	31.88	5,225.28
172	265,505.62	2,330,918.09	16.06	5,270.74
173	265,515.70	2,331,121.21	359.21	5,474.11
174	265,512.74	2,331,159.61	357.07	5,512.63
175	265,512.17	2,331,181.85	358.29	5,534.88
176	265,511.24	2,331,208.90	351.44	5,561.93
177	265,499.99	2,331,250.47	348.09	5,605.01
178	265,496.37	2,331,274.19	356.55	5,629.00
179	265,498.73	2,331,350.56	5.32	5,705.41
180	265,510.52	2,331,426.17	7.45	5,781.93
181	265,520.03	2,331,515.99	11.80	5,872.25
182	265,549.85	2,331,610.25	20.52	5,971.12
183	265,573.10	2,331,663.76	21.95	6,029.46
184	265,603.89	2,331,746.52	19.84	6,117.76
185	265,613.89	2,331,775.13	5.53	6,148.07
186	265,611.34	2,331,792.84	359.24	6,165.96
187	265,612.76	2,331,804.91	19.93	6,178.11
188	265,634.43	2,331,838.08	41.68	6,217.73
189	265,694.06	2,331,887.76	43.15	6,295.35
190	265,739.46	2,331,950.03	47.71	6,372.41
191	265,778.37	2,331,973.12	51.88	6,417.66
192	265,787.61	2,331,982.54	35.78	6,430.85
193	265,792.77	2,331,992.61	16.31	6,442.17
194	265,794.92	2,332,015.03	358.40	6,464.69
195	265,788.34	2,332,058.03	353.78	6,508.20
196	265,785.62	2,332,099.78	2.63	6,550.04
197	265,787.32	2,332,110.56	24.51	6,560.95
198	265,794.11	2,332,118.64	46.31	6,571.50
199	265,849.18	2,332,160.75	44.74	6,640.82
200	265,866.46	2,332,183.78	29.44	6,669.61
201	265,876.61	2,332,208.91	9.00	6,696.72
202	265,875.51	2,332,224.65	350.59	6,712.50
203	265,863.84	2,332,268.68	348.73	6,758.05
204	265,858.96	2,332,304.75	359.12	6,794.45
205	265,861.06	2,332,324.96	7.20	6,814.76
206	265,884.27	2,332,480.88	6.36	6,972.40
207	265,886.80	2,332,514.95	8.65	7,006.56

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
208	265,893.17	2,332,542.41	20.21	7,034.76
209	265,912.29	2,332,579.36	20.02	7,076.36
210	265,916.89	2,332,599.82	1.79	7,097.33
211	265,913.35	2,332,621.97	343.19	7,119.76
212	265,905.33	2,332,639.55	340.89	7,139.09
213	265,903.10	2,332,648.69	1.96	7,148.49
214	265,905.56	2,332,656.45	19.66	7,156.64
215	265,943.12	2,332,750.80	29.63	7,258.19
216	265,981.75	2,332,801.04	32.62	7,321.56
217	265,997.62	2,332,831.29	30.03	7,355.72
218	266,084.91	2,332,968.94	35.83	7,518.72
219	266,196.08	2,333,104.86	42.89	7,694.31
220	266,232.34	2,333,139.27	30.89	7,744.29
221	266,253.74	2,333,217.57	15.96	7,825.46
222	266,282.00	2,333,312.09	26.04	7,924.12
223	266,300.30	2,333,337.80	26.49	7,955.68
224	266,311.53	2,333,373.31	8.78	7,992.92
225	266,311.53	2,333,395.60	350.87	8,015.21
226	266,294.25	2,333,447.94	348.21	8,070.33
227	266,292.72	2,333,464.35	8.31	8,086.82
228	266,314.14	2,333,517.56	26.68	8,144.17
229	266,322.52	2,333,531.28	40.61	8,160.25
230	266,355.66	2,333,559.29	44.71	8,203.64
231	266,373.99	2,333,581.41	35.40	8,232.37
232	266,383.64	2,333,597.38	23.05	8,251.03
233	266,386.65	2,333,608.67	5.26	8,262.71
234	266,386.01	2,333,616.99	355.57	8,271.06
235	266,373.17	2,333,782.17	1.88	8,436.74
236	266,379.10	2,333,823.24	6.38	8,478.23
237	266,380.67	2,333,843.04	1.50	8,498.09
238	266,379.48	2,333,887.15	355.41	8,542.22
239	266,375.71	2,333,915.23	0.81	8,570.55
240	266,376.75	2,333,921.58	28.70	8,576.98
241	266,414.18	2,333,955.12	42.69	8,627.24
242	266,418.35	2,333,960.60	32.01	8,634.13
243	266,424.78	2,333,973.35	23.66	8,648.41
244	266,438.84	2,334,010.85	18.98	8,688.46
245	266,441.96	2,334,020.80	6.18	8,698.89
246	266,440.87	2,334,033.10	354.52	8,711.24
247	266,439.05	2,334,050.75	357.34	8,728.98
248	266,439.43	2,334,088.26	356.46	8,766.49
249	266,437.74	2,334,100.79	344.80	8,779.13
250	266,433.84	2,334,110.11	334.77	8,789.23
251	266,420.34	2,334,135.79	340.11	8,818.24
252	266,417.94	2,334,147.03	357.86	8,829.74
253	266,419.23	2,334,156.44	10.98	8,839.24
254	266,423.30	2,334,172.56	23.94	8,855.86
255	266,432.69	2,334,186.64	39.40	8,872.79
256	266,450.03	2,334,203.93	52.20	8,897.28
257	266,582.69	2,334,282.64	54.11	9,051.52
258	266,611.46	2,334,307.74	53.13	9,089.71
259	266,638.57	2,334,325.11	50.23	9,121.91

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
260	266,662.88	2,334,351.07	42.97	9,157.47
261	266,669.29	2,334,357.99	44.64	9,166.91
262	266,679.98	2,334,368.14	37.66	9,181.65
263	266,688.57	2,334,383.74	14.83	9,199.45
264	266,688.78	2,334,398.71	0.38	9,214.43
265	266,688.76	2,334,423.31	6.21	9,239.02
266	266,691.94	2,334,437.68	17.17	9,253.75
267	266,696.22	2,334,448.35	28.00	9,265.24
268	266,721.25	2,334,485.27	25.70	9,309.85
269	266,727.08	2,334,504.03	5.22	9,329.49
270	266,725.61	2,334,516.33	8.49	9,341.88
271	266,728.58	2,334,523.08	27.34	9,349.25
272	266,767.13	2,334,587.57	20.04	9,424.39
273	266,769.40	2,334,601.53	2.14	9,438.54
274	266,768.62	2,334,610.58	347.65	9,447.62
275	266,763.78	2,334,624.03	334.40	9,461.90
276	266,745.67	2,334,653.66	321.60	9,496.63
277	266,736.70	2,334,662.52	303.11	9,509.24
278	266,722.56	2,334,668.12	288.72	9,524.45
279	266,700.77	2,334,674.30	292.31	9,547.10
280	266,680.06	2,334,685.68	305.75	9,570.73
281	266,668.23	2,334,696.60	321.66	9,586.83
282	266,656.92	2,334,716.67	338.53	9,609.87
283	266,651.04	2,334,741.08	355.85	9,634.98
284	266,653.49	2,334,767.85	20.16	9,661.86
285	266,663.37	2,334,781.92	42.75	9,679.05
286	266,718.40	2,334,827.41	47.05	9,750.45
287	266,770.64	2,334,882.10	56.63	9,826.08
288	266,799.87	2,334,893.00	72.85	9,857.28
289	266,831.75	2,334,900.87	75.19	9,890.11
290	266,865.51	2,334,910.39	63.78	9,925.19
291	266,883.34	2,334,923.68	46.40	9,947.42
292	266,897.51	2,334,940.88	32.07	9,969.71
293	266,911.71	2,334,971.81	28.95	10,003.74
294	266,923.35	2,334,989.57	42.69	10,024.98
295	266,935.66	2,334,999.14	55.50	10,040.58
296	266,951.93	2,335,008.98	65.55	10,059.59
297	266,965.81	2,335,013.42	75.39	10,074.16
298	266,991.52	2,335,018.63	70.22	10,100.40
299	267,030.51	2,335,039.44	57.23	10,144.59
300	267,046.30	2,335,051.54	52.25	10,164.48
301	267,054.82	2,335,058.21	61.42	10,175.30
302	267,067.07	2,335,062.45	79.00	10,188.26
303	267,077.56	2,335,062.98	94.88	10,198.76
304	267,087.77	2,335,060.69	111.66	10,209.23
305	267,144.51	2,335,027.07	114.65	10,275.18
306	267,167.35	2,335,019.36	104.75	10,299.29
307	267,180.21	2,335,016.89	105.76	10,312.39
308	267,190.47	2,335,013.02	110.32	10,323.35
309	267,258.44	2,334,988.34	103.06	10,395.66
310	267,305.25	2,334,983.29	96.86	10,442.74
311	267,311.03	2,334,982.53	105.32	10,448.57

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
312	267,315.69	2,334,980.54	123.57	10,453.64
313	267,334.11	2,334,962.71	130.55	10,479.27
314	267,349.98	2,334,950.74	117.20	10,499.15
315	267,364.65	2,334,946.15	98.92	10,514.53
316	267,400.71	2,334,945.84	94.02	10,550.59
317	267,412.64	2,334,944.26	106.53	10,562.62
318	267,421.79	2,334,939.89	119.18	10,572.75
319	267,465.94	2,334,911.40	120.14	10,625.31
320	267,491.39	2,334,898.18	119.81	10,653.98
321	267,506.11	2,334,888.92	128.18	10,671.38
322	267,554.66	2,334,841.73	138.88	10,739.08
323	267,585.07	2,334,800.52	129.76	10,790.30
324	267,601.07	2,334,792.74	112.93	10,808.09
325	267,640.98	2,334,778.27	106.85	10,850.54
326	267,694.58	2,334,765.13	96.31	10,905.73
327	267,703.40	2,334,765.30	73.51	10,914.54
328	267,716.36	2,334,773.35	63.24	10,929.80
329	267,726.61	2,334,777.43	73.78	10,940.84
330	267,737.47	2,334,779.49	90.34	10,951.89
331	267,814.17	2,334,763.97	94.04	11,030.14
332	267,834.14	2,334,765.14	78.25	11,050.14
333	267,856.15	2,334,773.22	64.71	11,073.60
334	267,922.86	2,334,812.42	49.26	11,150.96
335	267,948.40	2,334,844.00	48.02	11,191.59
336	267,960.93	2,334,852.11	71.96	11,206.51
337	267,979.32	2,334,853.13	92.64	11,224.92
338	268,004.61	2,334,849.37	85.36	11,250.50
339	268,017.35	2,334,853.44	60.14	11,263.86
340	268,030.04	2,334,864.87	44.68	11,280.94
341	268,056.58	2,334,895.01	44.11	11,321.10
342	268,084.53	2,334,921.21	51.05	11,359.42
343	268,128.66	2,334,951.84	51.71	11,413.13
344	268,138.25	2,334,960.42	39.21	11,426.00
345	268,146.52	2,334,974.60	23.91	11,442.41
346	268,164.32	2,335,030.83	18.35	11,501.40
347	268,205.17	2,335,148.59	20.40	11,626.04
348	268,211.18	2,335,163.73	27.59	11,642.32
349	268,215.74	2,335,170.60	35.87	11,650.57
350	268,258.23	2,335,224.54	37.75	11,719.24
351	268,287.32	2,335,262.78	34.25	11,767.29
352	268,299.03	2,335,282.08	19.58	11,789.86
353	268,301.19	2,335,297.63	359.75	11,805.56
354	268,295.85	2,335,333.74	355.38	11,842.06
355	268,295.01	2,335,391.91	5.31	11,900.24
356	268,300.23	2,335,417.69	13.74	11,926.54
357	268,311.39	2,335,456.54	17.29	11,966.96
358	268,320.45	2,335,483.55	25.92	11,995.45
359	268,329.92	2,335,497.97	42.03	12,012.70
360	268,361.95	2,335,524.10	52.65	12,054.04
361	268,411.66	2,335,559.54	48.28	12,115.08
362	268,428.11	2,335,577.78	33.51	12,139.65
363	268,438.29	2,335,599.64	15.12	12,163.76

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
364	268,440.17	2,335,620.03	354.71	12,184.24
365	268,436.38	2,335,633.38	339.17	12,198.11
366	268,400.76	2,335,707.07	337.75	12,279.96
367	268,394.85	2,335,724.53	346.88	12,298.39
368	268,392.19	2,335,744.65	354.35	12,318.69
369	268,389.92	2,335,779.19	349.42	12,353.30
370	268,376.13	2,335,823.19	332.95	12,399.41
371	268,363.15	2,335,840.60	323.44	12,421.13
372	268,339.00	2,335,873.35	328.20	12,461.82
373	268,323.78	2,335,902.98	338.00	12,495.13
374	268,315.12	2,335,931.65	347.57	12,525.08
375	268,308.17	2,335,980.80	357.26	12,574.72
376	268,309.61	2,336,012.97	5.29	12,606.92
377	268,312.80	2,336,035.65	8.97	12,629.83
378	268,317.12	2,336,060.36	17.86	12,654.91
379	268,337.01	2,336,101.47	24.37	12,700.58
380	268,347.28	2,336,125.76	18.76	12,726.95
381	268,383.98	2,336,266.58	17.51	12,872.47
382	268,388.22	2,336,277.97	21.34	12,884.63
383	268,391.59	2,336,286.18	29.87	12,893.50
384	268,396.48	2,336,292.57	38.98	12,901.55
385	268,449.46	2,336,354.61	40.63	12,983.13
386	268,490.16	2,336,401.84	35.19	13,045.48
387	268,529.37	2,336,470.79	35.08	13,124.81
388	268,536.13	2,336,478.70	42.46	13,135.20
389	268,548.55	2,336,491.39	48.29	13,152.96
390	268,681.36	2,336,594.45	50.10	13,321.07
391	268,699.38	2,336,610.67	45.00	13,345.31
392	268,740.94	2,336,656.84	37.04	13,407.43
393	268,750.16	2,336,671.54	28.16	13,424.79
394	268,758.98	2,336,691.15	18.79	13,446.28
395	268,764.23	2,336,713.28	7.66	13,469.03
396	268,768.96	2,336,850.56	358.91	13,606.39
397	268,766.93	2,336,878.60	349.70	13,634.50
398	268,758.12	2,336,908.43	343.17	13,665.61
399	268,745.58	2,336,948.94	345.08	13,708.01
400	268,738.14	2,336,982.13	347.54	13,742.03
401	268,729.26	2,337,022.91	343.99	13,783.76
402	268,717.77	2,337,054.93	337.26	13,817.78
403	268,697.19	2,337,097.60	329.37	13,865.16
404	268,614.83	2,337,212.98	337.71	14,006.92
405	268,611.78	2,337,232.13	356.80	14,026.31
406	268,613.15	2,337,261.59	11.24	14,055.80
407	268,641.41	2,337,339.99	19.01	14,139.13
408	268,647.12	2,337,357.36	8.63	14,157.43
409	268,646.85	2,337,373.75	344.83	14,173.82
410	268,641.86	2,337,382.61	324.85	14,183.99
411	268,567.39	2,337,468.59	323.52	14,297.74
412	268,539.43	2,337,513.24	331.10	14,350.41
413	268,526.03	2,337,541.02	336.23	14,381.26
414	268,517.73	2,337,561.79	339.59	14,403.62
415	268,507.76	2,337,590.66	339.41	14,434.17



**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
416	268,499.32	2,337,611.41	329.97	14,456.56
417	268,488.06	2,337,625.86	318.58	14,474.89
418	268,447.67	2,337,666.38	319.23	14,532.10
419	268,430.16	2,337,689.92	332.56	14,561.43
420	268,423.64	2,337,709.70	344.46	14,582.26
421	268,415.23	2,337,746.68	346.46	14,620.18
422	268,399.57	2,337,808.29	343.23	14,683.76
423	268,375.82	2,337,876.22	347.17	14,755.72
424	268,372.33	2,337,907.41	0.71	14,787.11
425	268,375.91	2,337,933.60	14.66	14,813.54
426	268,389.97	2,337,969.23	18.46	14,851.84
427	268,396.96	2,337,994.64	10.28	14,878.20
428	268,400.72	2,338,036.16	7.80	14,919.88
429	268,406.34	2,338,066.75	10.53	14,950.99
430	268,426.84	2,338,175.77	7.45	15,061.92
431	268,429.15	2,338,206.81	3.58	15,093.05
432	268,430.01	2,338,223.64	352.16	15,109.90
433	268,426.91	2,338,232.87	340.07	15,119.64
434	268,418.26	2,338,255.05	340.65	15,143.44
435	268,406.63	2,338,292.12	339.16	15,182.29
436	268,401.62	2,338,303.25	327.22	15,194.50
437	268,393.44	2,338,312.56	317.89	15,206.89
438	268,344.67	2,338,365.00	314.58	15,278.50
439	268,334.30	2,338,374.36	307.93	15,292.48
440	268,319.29	2,338,384.40	297.50	15,310.53
441	268,256.48	2,338,408.77	296.53	15,377.90
442	268,244.82	2,338,416.02	310.15	15,391.64
443	268,234.45	2,338,427.72	322.25	15,407.27
444	268,182.26	2,338,505.23	321.99	15,500.72
445	268,142.38	2,338,549.43	315.70	15,560.24
446	268,127.32	2,338,563.71	304.23	15,581.00
447	268,115.86	2,338,569.05	285.94	15,593.64
448	268,086.64	2,338,572.58	277.66	15,623.07
449	268,041.62	2,338,579.25	287.84	15,668.58
450	268,021.72	2,338,589.50	308.47	15,690.97
451	268,008.90	2,338,604.61	327.69	15,710.78
452	267,962.41	2,338,707.46	332.76	15,823.65
453	267,952.02	2,338,725.35	324.50	15,844.34
454	267,939.62	2,338,739.69	315.55	15,863.29
455	267,922.64	2,338,754.94	305.91	15,886.12
456	267,905.20	2,338,764.96	287.98	15,906.23
457	267,887.41	2,338,766.86	262.90	15,924.12
458	267,862.67	2,338,757.71	244.02	15,950.50
459	267,800.78	2,338,719.51	242.53	16,023.24
460	267,760.26	2,338,702.09	250.53	16,067.33
461	267,723.32	2,338,691.72	262.21	16,105.71
462	267,671.40	2,338,691.82	277.11	16,157.62
463	267,635.18	2,338,700.92	291.75	16,194.97
464	267,603.57	2,338,718.73	294.23	16,231.25
465	267,577.28	2,338,727.82	282.75	16,259.07
466	267,558.23	2,338,729.97	271.22	16,278.23
467	267,533.78	2,338,728.26	260.50	16,302.75

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
468	267,454.86	2,338,707.11	262.08	16,384.45
469	267,428.20	2,338,706.71	275.07	16,411.11
470	267,409.62	2,338,710.32	295.43	16,430.04
471	267,397.09	2,338,720.79	317.09	16,446.37
472	267,387.19	2,338,734.57	318.75	16,463.33
473	267,278.88	2,338,836.30	319.98	16,611.93
474	267,271.02	2,338,848.28	327.94	16,626.26
475	267,263.38	2,338,861.07	331.48	16,641.16
476	267,253.60	2,338,880.99	337.15	16,663.35
477	267,217.63	2,338,982.21	342.46	16,770.77
478	267,209.87	2,339,010.15	348.14	16,799.77
479	267,206.97	2,339,030.29	350.21	16,820.12
480	267,204.17	2,339,044.20	337.95	16,834.31
481	267,194.42	2,339,059.38	322.83	16,852.35
482	267,161.66	2,339,096.26	325.23	16,901.68
483	267,153.05	2,339,112.49	334.74	16,920.05
484	267,145.49	2,339,130.68	355.19	16,939.74
485	267,148.43	2,339,143.45	18.77	16,952.85
486	267,156.74	2,339,161.64	20.04	16,972.85
487	267,161.11	2,339,177.37	9.57	16,989.18
488	267,162.30	2,339,196.12	358.81	17,007.96
489	267,149.59	2,339,317.15	350.84	17,129.66
490	267,129.77	2,339,407.88	347.56	17,222.53
491	267,124.18	2,339,433.01	337.95	17,248.27
492	267,111.33	2,339,453.94	325.22	17,272.83
493	267,074.17	2,339,501.47	328.53	17,333.16
494	267,069.67	2,339,511.15	353.11	17,343.84
495	267,070.93	2,339,517.54	21.61	17,350.35
496	267,077.04	2,339,527.29	33.92	17,361.85
497	267,105.54	2,339,566.84	32.15	17,410.61
498	267,115.16	2,339,584.53	17.73	17,430.74
499	267,117.82	2,339,606.43	3.51	17,452.80
500	267,117.85	2,339,629.54	358.44	17,475.91
501	267,109.82	2,339,773.61	355.35	17,620.20
502	267,100.32	2,339,862.44	354.52	17,709.54
503	267,097.77	2,339,892.47	353.38	17,739.68
504	267,095.89	2,339,905.21	348.40	17,752.56
505	267,092.52	2,339,917.96	344.30	17,765.75
506	267,082.99	2,339,949.98	344.55	17,799.15
507	267,072.28	2,339,991.93	345.17	17,842.45
508	267,069.37	2,340,002.56	336.83	17,853.48
509	267,061.83	2,340,015.09	330.62	17,868.09
510	267,003.59	2,340,125.84	340.45	17,993.22
511	267,001.53	2,340,136.12	353.98	18,003.70
512	267,001.38	2,340,148.15	3.69	18,015.74
513	267,003.98	2,340,166.45	7.65	18,034.22
514	267,025.34	2,340,334.68	356.99	18,203.80
515	267,020.55	2,340,355.03	347.48	18,224.71
516	267,018.18	2,340,366.41	359.99	18,236.33
517	267,020.73	2,340,378.65	2.58	18,248.84
518	267,017.48	2,340,406.73	356.47	18,277.11
519	267,017.37	2,340,420.30	348.88	18,290.67

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
520	266,999.04	2,340,466.19	339.94	18,340.08
521	266,986.71	2,340,503.35	347.45	18,379.24
522	266,981.96	2,340,543.56	357.19	18,419.73
523	266,983.02	2,340,597.70	2.84	18,473.88
524	266,984.15	2,340,611.90	0.13	18,488.12
525	266,982.90	2,340,628.53	346.89	18,504.80
526	266,973.04	2,340,653.04	342.33	18,531.22
527	266,963.53	2,340,692.93	351.31	18,572.23
528	266,962.09	2,340,713.60	359.09	18,592.95
529	266,962.86	2,340,734.17	0.84	18,613.54
530	266,962.55	2,340,771.41	351.00	18,650.78
531	266,949.86	2,340,811.60	342.37	18,692.92
532	266,941.67	2,340,837.24	355.13	18,719.84
533	266,943.19	2,340,848.11	12.53	18,730.82
534	266,948.40	2,340,865.06	11.23	18,748.55
535	266,950.62	2,340,888.66	3.53	18,772.25
536	266,951.51	2,340,919.07	6.01	18,802.68
537	266,954.33	2,340,934.52	15.84	18,818.38
538	266,977.87	2,340,994.84	17.52	18,883.13
539	266,983.53	2,341,018.01	11.48	18,906.99
540	267,030.76	2,341,308.28	3.04	19,201.07
541	267,029.63	2,341,328.70	354.17	19,221.52
542	267,026.40	2,341,350.33	342.32	19,243.39
543	267,016.70	2,341,369.47	326.68	19,264.85
544	266,977.83	2,341,416.15	321.18	19,325.59
545	266,966.88	2,341,430.25	316.27	19,343.45
546	266,957.61	2,341,438.14	303.64	19,355.62
547	266,939.27	2,341,447.43	305.42	19,376.17
548	266,930.51	2,341,455.88	324.55	19,388.35
549	266,927.19	2,341,463.05	339.47	19,396.25
550	266,917.42	2,341,496.64	335.55	19,431.24
551	266,912.78	2,341,503.87	322.82	19,439.82
552	266,894.13	2,341,524.82	322.14	19,467.88
553	266,881.06	2,341,544.17	334.28	19,491.22
554	266,871.54	2,341,574.52	342.38	19,523.04
555	266,847.52	2,341,649.21	339.16	19,601.49
556	266,841.95	2,341,661.82	325.06	19,615.28
557	266,832.86	2,341,670.59	307.03	19,627.90
558	266,812.50	2,341,682.39	307.84	19,651.44
559	266,799.74	2,341,695.41	320.21	19,669.67
560	266,772.18	2,341,734.53	339.41	19,717.52
561	266,771.01	2,341,745.63	13.59	19,728.68
562	266,774.95	2,341,751.65	35.56	19,735.87
563	266,844.39	2,341,840.76	27.97	19,848.85
564	266,849.32	2,341,855.91	8.01	19,864.78
565	266,848.84	2,341,869.64	356.80	19,878.52
566	266,846.99	2,341,893.59	0.08	19,902.54
567	266,847.61	2,341,901.28	8.38	19,910.25
568	266,849.41	2,341,909.62	12.12	19,918.79
569	266,870.01	2,342,006.03	10.44	20,017.37
570	266,878.61	2,342,061.50	17.91	20,073.50
571	266,887.23	2,342,078.41	15.56	20,092.49

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
572	266,894.33	2,342,177.18	0.89	20,191.51
573	266,890.68	2,342,266.97	352.24	20,281.37
574	266,880.50	2,342,310.41	352.72	20,325.99
575	266,879.90	2,342,335.55	2.12	20,351.13
576	266,884.66	2,342,384.05	2.51	20,399.87
577	266,883.95	2,342,453.61	350.69	20,469.43
578	266,872.80	2,342,487.86	333.35	20,505.45
579	266,860.76	2,342,504.89	324.82	20,526.31
580	266,834.96	2,342,541.61	326.57	20,571.18
581	266,805.43	2,342,589.29	328.20	20,627.27
582	266,792.79	2,342,609.66	323.03	20,651.24
583	266,781.85	2,342,621.77	309.94	20,667.56
584	266,766.27	2,342,631.49	290.73	20,685.93
585	266,746.67	2,342,634.77	274.83	20,705.80
586	266,722.84	2,342,634.84	275.20	20,729.63
587	266,705.59	2,342,637.95	282.53	20,747.15
588	266,627.63	2,342,658.61	285.95	20,827.81
589	266,614.98	2,342,662.50	292.15	20,841.04
590	266,599.87	2,342,670.27	310.10	20,858.03
591	266,589.30	2,342,684.29	331.19	20,875.59
592	266,585.08	2,342,695.51	338.35	20,887.58
593	266,567.40	2,342,737.78	335.70	20,933.39
594	266,560.07	2,342,752.87	326.84	20,950.17
595	266,546.20	2,342,769.16	310.59	20,971.57
596	266,441.65	2,342,833.51	311.11	21,094.33
597	266,416.69	2,342,863.90	323.85	21,133.66
598	266,389.74	2,342,905.52	317.77	21,183.24
599	266,368.06	2,342,922.74	315.48	21,210.93
600	266,355.64	2,342,938.94	323.08	21,231.35
601	266,346.89	2,342,950.83	328.81	21,246.10
602	266,339.88	2,342,965.17	342.59	21,262.07
603	266,336.70	2,342,985.74	358.25	21,282.88
604	266,338.43	2,343,004.42	358.63	21,301.65
605	266,334.69	2,343,030.95	347.13	21,328.43
606	266,328.96	2,343,048.89	330.08	21,347.27
607	266,313.59	2,343,065.89	312.06	21,370.18
608	266,230.14	2,343,127.04	307.93	21,473.64
609	266,212.95	2,343,141.27	323.80	21,495.96
610	266,205.46	2,343,159.77	334.96	21,515.92
611	266,193.14	2,343,182.89	332.18	21,542.12
612	266,183.54	2,343,201.27	345.77	21,562.85
613	266,183.31	2,343,216.77	10.71	21,578.36
614	266,188.69	2,343,229.90	21.28	21,592.54
615	266,199.06	2,343,257.98	9.75	21,622.48
616	266,198.79	2,343,278.13	357.94	21,642.63
617	266,197.25	2,343,304.54	353.56	21,669.09
618	266,192.23	2,343,334.43	340.83	21,699.40
619	266,186.88	2,343,344.16	316.14	21,710.50
620	266,177.26	2,343,349.96	292.48	21,721.73
621	266,167.80	2,343,352.29	279.80	21,731.48
622	266,138.69	2,343,355.22	280.15	21,760.73
623	266,125.99	2,343,358.52	293.44	21,773.85

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
624	266,117.88	2,343,363.64	321.34	21,783.44
625	266,116.05	2,343,368.78	347.09	21,788.89
626	266,113.61	2,343,391.19	344.37	21,811.44
627	266,102.18	2,343,415.65	329.91	21,838.44
628	266,095.53	2,343,425.10	317.00	21,849.99
629	266,082.68	2,343,435.56	313.42	21,866.57
630	266,075.85	2,343,443.06	322.36	21,876.71
631	266,070.42	2,343,451.43	330.77	21,886.68
632	266,066.87	2,343,458.89	341.00	21,894.95
633	266,064.04	2,343,471.64	339.94	21,908.01
634	266,042.45	2,343,512.94	334.85	21,954.61
635	266,031.96	2,343,538.00	323.84	21,981.78
636	266,021.96	2,343,546.51	294.64	21,994.91
637	266,010.13	2,343,548.36	298.26	22,006.88
638	266,009.83	2,343,548.69	293.87	22,007.33
639	266,002.44	2,343,548.71	261.44	22,014.72
640	265,987.82	2,343,544.17	249.66	22,030.03
641	265,935.26	2,343,521.39	243.18	22,087.31
642	265,912.42	2,343,508.09	248.87	22,113.75
643	265,902.77	2,343,506.03	262.54	22,123.61
644	265,865.76	2,343,504.18	267.16	22,160.67
645	265,836.23	2,343,502.72	272.52	22,190.23
646	265,793.83	2,343,508.59	275.08	22,233.03
647	265,764.60	2,343,509.76	266.02	22,262.29
648	265,739.85	2,343,505.28	262.99	22,287.44
649	265,718.81	2,343,503.89	269.40	22,308.52
650	265,703.99	2,343,504.56	277.63	22,323.36
651	265,693.05	2,343,507.02	292.01	22,334.57
652	265,684.01	2,343,512.53	309.86	22,345.15
653	265,676.41	2,343,521.09	333.46	22,356.60
654	265,674.10	2,343,532.49	356.36	22,368.24
655	265,675.25	2,343,548.29	8.08	22,384.09
656	265,679.06	2,343,566.22	11.63	22,402.41
657	265,682.88	2,343,585.40	3.83	22,421.97
658	265,681.07	2,343,614.23	3.07	22,450.86
659	265,682.88	2,343,624.83	12.62	22,461.61
660	265,686.38	2,343,637.43	1.70	22,474.69
661	265,684.05	2,343,648.34	343.28	22,485.84
662	265,672.34	2,343,678.30	337.36	22,518.01
663	265,662.82	2,343,699.74	335.27	22,541.47
664	265,650.32	2,343,725.92	334.47	22,570.48
665	265,642.84	2,343,741.58	334.47	22,587.83
666	265,637.82	2,343,752.10	336.01	22,599.49
667	265,631.44	2,343,767.53	346.84	22,616.19
668	265,630.59	2,343,780.12	355.86	22,628.80
669	265,629.49	2,343,794.42	4.55	22,643.15
670	265,631.77	2,343,803.93	20.15	22,652.92
671	265,647.52	2,343,835.12	28.64	22,687.86
672	265,653.21	2,343,844.78	42.37	22,699.07
673	265,661.24	2,343,850.56	61.06	22,708.97
674	265,671.92	2,343,854.90	71.68	22,720.50
675	265,692.84	2,343,860.32	57.84	22,742.11

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
676	265,705.24	2,343,874.99	37.76	22,761.32
677	265,718.97	2,343,894.37	26.11	22,785.07
678	265,724.89	2,343,913.87	4.03	22,805.45
679	265,722.18	2,343,931.34	340.01	22,823.13
680	265,715.31	2,343,942.69	317.97	22,836.39
681	265,706.56	2,343,949.31	297.51	22,847.37
682	265,687.16	2,343,955.58	295.05	22,867.76
683	265,620.99	2,343,997.23	297.63	22,945.94
684	265,568.27	2,344,019.69	295.66	23,003.25
685	265,537.29	2,344,036.33	302.05	23,038.42
686	265,523.92	2,344,045.99	310.49	23,054.92
687	265,516.20	2,344,053.74	320.66	23,065.84
688	265,510.35	2,344,062.48	340.27	23,076.37
689	265,509.32	2,344,072.85	11.16	23,086.79
690	265,513.63	2,344,080.97	36.21	23,095.98
691	265,542.78	2,344,110.69	37.89	23,137.61
692	265,549.51	2,344,121.73	19.17	23,150.54
693	265,551.04	2,344,134.19	358.31	23,163.09
694	265,546.56	2,344,158.64	348.90	23,187.95
695	265,526.04	2,344,256.73	343.90	23,288.16
696	265,517.72	2,344,279.12	333.44	23,312.05
697	265,503.57	2,344,301.13	318.96	23,338.22
698	265,460.52	2,344,338.13	313.23	23,394.98
699	265,386.43	2,344,414.25	308.26	23,501.21
700	265,374.94	2,344,421.09	295.93	23,514.58
701	265,353.38	2,344,429.41	289.59	23,537.69
702	265,318.75	2,344,440.71	288.29	23,574.11
703	265,298.78	2,344,447.39	301.69	23,595.16
704	265,289.63	2,344,456.51	319.04	23,608.08
705	265,279.27	2,344,470.36	326.10	23,625.39
706	265,264.58	2,344,494.79	339.98	23,653.89
707	265,262.33	2,344,509.00	355.48	23,668.27
708	265,262.32	2,344,535.10	350.17	23,694.37
709	265,254.62	2,344,556.66	330.31	23,717.27
710	265,209.39	2,344,611.06	313.65	23,788.02
711	265,186.66	2,344,628.22	312.78	23,816.50
712	265,183.24	2,344,632.09	331.20	23,821.66
713	265,181.13	2,344,639.40	351.45	23,829.27
714	265,180.98	2,344,648.06	357.76	23,837.93
715	265,180.54	2,344,655.15	352.39	23,845.04
716	265,177.71	2,344,668.83	340.60	23,859.01
717	265,165.65	2,344,692.40	331.62	23,885.49
718	265,155.46	2,344,710.30	322.15	23,906.08
719	265,135.42	2,344,729.63	318.33	23,933.92
720	265,131.17	2,344,735.20	336.91	23,940.93
721	265,129.94	2,344,743.15	0.06	23,948.97
722	265,131.87	2,344,755.35	3.39	23,961.33
723	265,129.64	2,344,813.12	359.55	24,019.13
724	265,130.00	2,344,828.87	357.48	24,034.89
725	265,127.73	2,344,849.23	347.83	24,055.38
726	265,122.84	2,344,864.31	341.22	24,071.24
727	265,105.27	2,344,913.74	342.33	24,123.70

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
728	265,100.83	2,344,929.42	350.74	24,139.99
729	265,099.30	2,344,961.39	355.91	24,171.99
730	265,098.06	2,344,974.44	3.95	24,185.11
731	265,100.82	2,344,986.08	15.10	24,197.06
732	265,108.27	2,345,010.68	8.89	24,222.77
733	265,108.60	2,345,031.18	356.57	24,243.27
734	265,103.02	2,345,071.95	354.82	24,284.43
735	265,101.90	2,345,096.82	1.99	24,309.32
736	265,103.88	2,345,114.05	5.01	24,326.66
737	265,108.13	2,345,184.22	0.69	24,396.96
738	265,107.61	2,345,198.66	357.36	24,411.41
739	265,103.12	2,345,279.35	357.87	24,492.22
740	265,102.88	2,345,291.96	359.31	24,504.83
741	265,102.64	2,345,339.49	1.36	24,552.36
742	265,103.99	2,345,365.18	356.33	24,578.09
743	265,100.14	2,345,386.23	352.60	24,599.49
744	265,094.53	2,345,458.57	352.47	24,672.05
745	265,088.50	2,345,490.70	350.21	24,704.74
746	265,087.00	2,345,500.23	0.89	24,714.39
747	265,088.09	2,345,505.98	15.55	24,720.24
748	265,090.44	2,345,512.33	26.91	24,727.01
749	265,096.02	2,345,520.77	29.75	24,737.13
750	265,115.78	2,345,561.23	24.23	24,782.15
751	265,121.06	2,345,574.00	18.98	24,795.97
752	265,126.38	2,345,593.17	8.74	24,815.86
753	265,127.02	2,345,612.00	2.00	24,834.71
754	265,127.95	2,345,637.85	357.47	24,860.57
755	265,124.37	2,345,666.50	355.54	24,889.45
756	265,123.97	2,345,679.26	3.87	24,902.22
757	265,125.65	2,345,689.27	12.91	24,912.37
758	265,128.89	2,345,700.37	10.61	24,923.93
759	265,129.99	2,345,713.02	1.44	24,936.63
760	265,129.44	2,345,728.28	355.32	24,951.90
761	265,127.09	2,345,746.61	346.97	24,970.38
762	265,121.06	2,345,764.39	333.94	24,989.15
763	265,115.14	2,345,773.37	320.06	24,999.90
764	265,107.89	2,345,780.24	305.36	25,009.90
765	265,095.43	2,345,786.66	299.03	25,023.91
766	265,085.58	2,345,792.53	312.65	25,035.38
767	265,072.24	2,345,811.24	329.97	25,058.35
768	265,064.60	2,345,827.96	340.86	25,076.74
769	265,058.96	2,345,851.06	353.91	25,100.52
770	265,059.47	2,345,870.05	354.37	25,119.51
771	265,055.20	2,345,888.86	347.43	25,138.80
772	265,007.21	2,346,107.84	345.06	25,362.98
773	265,000.01	2,346,130.65	338.96	25,386.90
774	264,989.10	2,346,154.53	340.96	25,413.15
775	264,988.90	2,346,155.35	342.18	25,413.99
776	264,974.53	2,346,190.67	343.31	25,452.13
777	264,971.77	2,346,204.53	353.71	25,466.26
778	264,970.78	2,346,247.93	355.00	25,509.67
779	264,968.34	2,346,263.85	343.35	25,525.78

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
780	264,960.29	2,346,281.43	325.55	25,545.11
781	264,907.04	2,346,336.03	321.78	25,621.38
782	264,897.70	2,346,350.89	328.40	25,638.93
783	264,891.72	2,346,360.82	328.95	25,650.53
784	264,888.46	2,346,366.23	331.78	25,656.84
785	264,874.39	2,346,395.88	330.27	25,689.66
786	264,853.67	2,346,426.51	321.51	25,726.64
787	264,827.63	2,346,454.53	316.19	25,764.89
788	264,811.55	2,346,470.77	320.45	25,787.74
789	264,805.04	2,346,480.28	334.65	25,799.27
790	264,801.00	2,346,494.12	348.41	25,813.68
791	264,798.36	2,346,516.00	358.95	25,835.73
792	264,799.19	2,346,525.97	5.70	25,845.73
793	264,811.85	2,346,635.17	5.79	25,955.67
794	264,813.17	2,346,650.39	11.73	25,970.94
795	264,816.94	2,346,661.65	25.49	25,982.82
796	264,826.00	2,346,675.87	38.54	25,999.68
797	264,837.89	2,346,687.94	41.60	26,016.61
798	264,861.94	2,346,718.04	34.15	26,055.15
799	264,869.85	2,346,731.93	15.25	26,071.13
800	264,870.06	2,346,746.14	1.11	26,085.34
801	264,870.56	2,346,766.82	6.91	26,106.03
802	264,881.67	2,346,817.31	18.39	26,157.73
803	264,888.38	2,346,832.11	28.63	26,173.98
804	264,896.55	2,346,844.74	36.06	26,189.02
805	264,952.64	2,346,913.48	37.89	26,277.74
806	265,010.92	2,346,992.04	35.88	26,375.56
807	265,018.99	2,347,003.49	31.35	26,389.56
808	265,030.90	2,347,026.36	15.14	26,415.35
809	265,031.73	2,347,043.52	357.46	26,432.53
810	265,029.39	2,347,060.50	343.80	26,449.67
811	265,023.41	2,347,073.60	329.45	26,464.07
812	265,013.39	2,347,087.12	314.16	26,480.90
813	264,818.44	2,347,223.01	303.67	26,718.54
814	264,804.01	2,347,232.19	303.67	26,735.64
815	264,786.46	2,347,244.43	316.03	26,757.03
816	264,778.78	2,347,256.34	335.50	26,771.21
817	264,771.86	2,347,280.20	344.32	26,796.05
818	264,756.35	2,347,337.31	347.58	26,855.23
819	264,751.82	2,347,363.95	354.57	26,882.25
820	264,751.24	2,347,391.31	354.88	26,909.62
821	264,744.55	2,347,433.37	350.97	26,952.20
822	264,735.15	2,347,492.65	353.50	27,012.23
823	264,733.96	2,347,509.71	359.03	27,029.33
824	264,734.79	2,347,532.88	359.16	27,052.52
825	264,734.28	2,347,540.66	350.11	27,060.31
826	264,718.50	2,347,595.59	345.08	27,117.46
827	264,715.73	2,347,606.86	354.15	27,129.07
828	264,716.63	2,347,631.58	353.62	27,153.81
829	264,714.23	2,347,640.66	337.76	27,163.19
830	264,704.25	2,347,658.19	326.00	27,183.37
831	264,661.02	2,347,712.83	322.14	27,253.04



### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
832	264,654.08	2,347,721.92	313.79	27,264.48
833	264,644.34	2,347,728.73	292.98	27,276.36
834	264,634.98	2,347,730.55	270.95	27,285.90
835	264,625.31	2,347,729.00	249.50	27,295.70
836	264,604.92	2,347,716.31	233.94	27,319.71
837	264,574.28	2,347,690.40	225.62	27,359.83
838	264,558.39	2,347,672.41	221.90	27,383.84
839	264,545.75	2,347,658.55	241.65	27,402.60
840	264,533.17	2,347,656.54	274.68	27,415.34
841	264,518.48	2,347,661.43	296.79	27,430.82
842	264,508.54	2,347,668.44	328.90	27,442.98
843	264,506.28	2,347,685.94	358.06	27,460.63
844	264,507.51	2,347,706.21	356.91	27,480.94
845	264,467.79	2,347,939.47	355.27	27,717.56
846	264,467.96	2,347,989.77	357.57	27,767.86
847	264,466.33	2,348,008.21	351.52	27,786.37
848	264,461.16	2,348,032.76	342.19	27,811.45
849	264,449.00	2,348,060.41	332.43	27,841.66
850	264,420.93	2,348,106.38	321.36	27,895.53
851	264,409.47	2,348,117.50	302.41	27,911.50
852	264,397.91	2,348,121.87	289.80	27,923.85
853	264,301.47	2,348,154.90	293.30	28,025.79
854	264,280.96	2,348,165.67	294.54	28,048.95
855	264,226.50	2,348,187.01	300.74	28,107.45
856	264,217.08	2,348,194.94	317.04	28,119.76
857	264,211.48	2,348,202.63	323.52	28,129.28
858	264,201.00	2,348,216.57	338.07	28,146.72
859	264,199.11	2,348,232.15	357.86	28,162.42
860	264,200.50	2,348,262.55	4.58	28,192.84
861	264,202.28	2,348,278.04	355.57	28,208.44
862	264,198.19	2,348,292.85	337.76	28,223.79
863	264,189.98	2,348,307.64	333.77	28,240.72
864	264,167.56	2,348,359.45	337.85	28,297.17
865	264,124.28	2,348,472.78	334.68	28,418.48
866	264,111.93	2,348,494.40	320.35	28,443.38
867	264,104.19	2,348,501.00	307.57	28,453.56
868	264,097.51	2,348,505.62	296.31	28,461.67
869	264,069.25	2,348,514.77	285.89	28,491.38
870	264,054.49	2,348,518.41	289.81	28,506.58
871	264,042.57	2,348,524.16	302.90	28,519.82
872	264,009.84	2,348,551.65	312.97	28,562.56
873	263,995.38	2,348,566.58	308.43	28,583.34
874	263,983.18	2,348,573.90	305.85	28,597.56
875	263,973.32	2,348,582.39	320.58	28,610.58
876	263,968.54	2,348,590.81	332.68	28,620.27
877	263,929.66	2,348,673.87	338.39	28,711.98
878	263,906.30	2,348,745.18	347.73	28,787.01
879	263,904.04	2,348,765.28	355.03	28,807.24
880	263,903.14	2,348,779.84	3.24	28,821.83
881	263,905.55	2,348,793.48	10.18	28,835.68
882	263,910.12	2,348,818.54	12.92	28,861.16
883	263,918.31	2,348,848.02	14.79	28,891.74

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
884	263,923.09	2,348,867.12	11.77	28,911.44
885	263,927.95	2,348,896.21	7.23	28,940.93
886	263,933.01	2,348,954.43	7.26	28,999.37
887	263,937.17	2,348,979.15	4.52	29,024.44
888	263,936.96	2,349,002.75	353.35	29,048.04
889	263,915.63	2,349,096.81	347.55	29,144.48
890	263,906.57	2,349,138.98	339.42	29,187.61
891	263,892.87	2,349,163.67	323.70	29,215.86
892	263,878.53	2,349,178.74	313.86	29,236.66
893	263,866.10	2,349,189.65	301.34	29,253.20
894	263,846.32	2,349,197.41	284.67	29,274.45
895	263,821.75	2,349,200.83	279.74	29,299.25
896	263,808.24	2,349,203.59	288.80	29,313.04
897	263,797.61	2,349,208.79	298.22	29,324.88
898	263,788.41	2,349,214.19	300.18	29,335.54
899	263,774.11	2,349,222.44	310.41	29,352.05
900	263,765.40	2,349,233.12	326.25	29,365.83
901	263,749.99	2,349,261.69	334.17	29,398.29
902	263,734.70	2,349,297.19	341.32	29,436.94
903	263,726.73	2,349,329.06	349.73	29,469.79
904	263,724.77	2,349,346.28	3.11	29,487.13
905	263,729.09	2,349,365.44	22.93	29,506.77
906	263,736.43	2,349,376.68	35.62	29,520.19
907	263,788.60	2,349,443.23	29.82	29,604.76
908	263,798.28	2,349,467.73	14.49	29,631.10
909	263,801.86	2,349,495.19	357.27	29,658.79
910	263,798.18	2,349,511.27	340.31	29,675.29
911	263,792.00	2,349,523.66	325.95	29,689.13
912	263,758.90	2,349,560.94	308.02	29,738.99
913	263,750.01	2,349,565.60	290.84	29,749.02
914	263,741.41	2,349,567.75	277.19	29,757.89
915	263,722.41	2,349,567.86	277.16	29,776.89
916	263,685.16	2,349,577.14	291.30	29,815.27
917	263,673.23	2,349,583.65	303.23	29,828.87
918	263,666.83	2,349,588.62	307.83	29,836.97
919	263,612.52	2,349,630.80	318.08	29,905.74
920	263,598.32	2,349,653.80	329.12	29,932.77
921	263,581.82	2,349,682.28	334.46	29,965.69
922	263,576.13	2,349,697.12	344.49	29,981.58
923	263,574.26	2,349,707.71	356.12	29,992.33
924	263,575.71	2,349,744.22	1.15	30,028.87
925	263,575.71	2,349,759.68	357.16	30,044.33
926	263,574.58	2,349,771.04	356.99	30,055.75
927	263,574.39	2,349,806.37	352.27	30,091.07
928	263,570.38	2,349,821.16	334.27	30,106.40
929	263,565.72	2,349,827.51	315.11	30,114.28
930	263,544.91	2,349,842.92	310.14	30,140.17
931	263,539.61	2,349,847.99	323.34	30,147.51
932	263,536.27	2,349,854.52	334.06	30,154.84
933	263,526.18	2,349,876.37	336.46	30,178.90
934	263,522.05	2,349,886.44	328.97	30,189.79
935	263,513.93	2,349,896.20	318.91	30,202.49

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
936	263,503.85	2,349,907.23	318.71	30,217.43
937	263,497.13	2,349,915.19	328.87	30,227.84
938	263,493.49	2,349,924.17	347.30	30,237.53
939	263,492.97	2,349,933.12	348.50	30,246.50
940	263,480.76	2,349,967.25	341.83	30,282.75
941	263,475.26	2,349,985.63	337.60	30,301.94
942	263,469.28	2,349,996.81	335.89	30,314.61
943	263,463.31	2,350,013.15	343.51	30,332.01
944	263,459.65	2,350,029.12	352.09	30,348.39
945	263,458.60	2,350,049.83	347.83	30,369.13
946	263,438.45	2,350,101.17	334.36	30,424.28
947	263,430.06	2,350,115.79	317.48	30,441.14
948	263,419.71	2,350,122.99	302.00	30,453.75
949	263,383.23	2,350,143.36	300.85	30,495.53
950	263,335.08	2,350,174.05	311.73	30,552.62
951	263,327.59	2,350,183.30	332.56	30,564.53
952	263,323.95	2,350,196.10	344.82	30,577.84
953	263,318.19	2,350,218.34	341.42	30,600.81
954	263,299.19	2,350,263.91	341.88	30,650.18
955	263,291.62	2,350,295.16	338.83	30,682.34
956	263,287.24	2,350,303.16	323.97	30,691.46
957	263,273.44	2,350,317.79	307.11	30,711.57
958	263,257.72	2,350,325.99	291.40	30,729.30
959	263,222.50	2,350,335.59	288.93	30,765.80
960	263,201.09	2,350,344.51	294.75	30,788.99
961	263,188.82	2,350,350.73	302.33	30,802.75
962	263,174.79	2,350,361.61	307.91	30,820.51
963	263,042.65	2,350,464.99	301.31	30,988.28
964	263,026.65	2,350,472.31	298.25	31,005.88
965	263,013.09	2,350,480.76	309.03	31,021.85
966	262,994.00	2,350,500.61	318.64	31,049.40
967	262,984.24	2,350,512.73	320.14	31,064.96
968	262,975.59	2,350,522.73	321.83	31,078.18
969	262,941.96	2,350,569.93	324.23	31,136.14
970	262,929.34	2,350,587.26	321.63	31,157.57
971	262,909.09	2,350,610.83	324.15	31,188.65
972	262,896.52	2,350,631.74	331.00	31,213.04
973	262,880.24	2,350,663.70	336.74	31,248.91
974	262,859.81	2,350,721.27	339.37	31,310.00
975	262,837.47	2,350,777.34	341.81	31,370.36
976	262,772.56	2,351,025.64	350.83	31,627.00
977	262,771.40	2,351,043.56	3.76	31,644.96
978	262,775.64	2,351,065.00	355.46	31,666.81
979	262,768.20	2,351,085.14	333.14	31,688.29
980	262,735.51	2,351,134.65	318.94	31,747.62
981	262,723.11	2,351,145.55	305.31	31,764.13
982	262,707.88	2,351,154.10	294.53	31,781.59
983	262,666.92	2,351,168.80	292.78	31,825.11
984	262,631.45	2,351,185.96	294.95	31,864.51
985	262,621.40	2,351,190.45	288.78	31,875.52
986	262,609.96	2,351,193.20	276.87	31,887.29
987	262,596.02	2,351,193.26	266.33	31,901.23

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
988	262,575.75	2,351,190.56	259.18	31,921.68
989	262,557.79	2,351,186.06	250.81	31,940.19
990	262,486.18	2,351,153.68	248.31	32,018.78
991	262,447.59	2,351,140.37	251.02	32,059.60
992	262,417.67	2,351,130.11	245.63	32,091.23
993	262,396.18	2,351,117.79	243.34	32,116.01
994	262,383.62	2,351,112.33	270.51	32,129.69
995	262,373.93	2,351,116.75	321.73	32,140.34
996	262,372.03	2,351,126.47	352.64	32,150.25
997	262,367.77	2,351,193.50	354.58	32,217.41
998	262,364.62	2,351,218.45	348.87	32,242.56
999	262,359.89	2,351,236.04	341.30	32,260.77
1000	262,353.04	2,351,252.70	334.29	32,278.79
1001	262,191.19	2,351,543.68	331.21	32,611.75
1002	262,177.47	2,351,568.95	339.03	32,640.51
1003	262,151.28	2,351,678.52	357.11	32,753.16
1004	262,151.80	2,351,682.41	23.51	32,757.09
1005	262,155.48	2,351,686.89	28.63	32,762.88
1006	262,158.45	2,351,696.09	9.64	32,772.54
1007	262,161.99	2,351,843.70	8.25	32,920.20
1008	262,220.12	2,352,058.87	15.02	33,143.09
1009	262,233.19	2,352,107.91	10.84	33,193.84
1010	262,244.96	2,352,207.33	5.15	33,293.95
1011	262,246.29	2,352,228.71	1.14	33,315.37
1012	262,243.85	2,352,337.61	1.25	33,424.30
1013	262,246.49	2,352,377.45	7.18	33,464.23
1014	262,251.73	2,352,405.57	14.03	33,492.84
1015	262,259.24	2,352,429.39	19.74	33,517.81
1016	262,259.87	2,352,430.96	24.81	33,519.50
1017	262,422.15	2,352,740.66	36.04	33,869.14
1018	262,431.82	2,352,750.53	53.00	33,882.96
1019	262,441.52	2,352,755.78	45.67	33,893.99
1020	262,447.46	2,352,766.16	20.66	33,905.95
1021	262,450.47	2,352,780.89	11.56	33,920.98
1022	262,453.08	2,352,793.67	10.07	33,934.02
1023	262,474.42	2,352,935.15	6.26	34,077.11
1024	262,486.54	2,353,110.54	10.17	34,252.91
1025	262,500.94	2,353,159.51	21.82	34,303.95
1026	262,517.87	2,353,192.37	33.51	34,340.92
1027	262,949.52	2,353,710.90	44.67	35,015.60
1028	263,153.28	2,353,884.52	46.91	35,283.30
1029	263,231.23	2,353,964.51	47.11	35,394.99
1030	263,441.74	2,354,141.42	37.27	35,669.96
1031	263,523.74	2,354,320.64	14.09	35,867.05
1032	263,526.67	2,354,367.45	7.71	35,913.95
1033	263,615.86	2,354,792.83	9.16	36,348.58
1034	263,625.42	2,354,877.17	9.17	36,433.46
1035	263,652.77	2,355,007.33	12.35	36,566.47
1036	263,667.81	2,355,073.29	9.70	36,634.12
1037	263,673.95	2,355,126.63	0.90	36,687.81
1038	263,671.86	2,355,151.67	355.54	36,712.94
1039	263,669.59	2,355,182.96	1.27	36,744.31

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
1040	263,683.01	2,355,297.48	13.18	36,859.62
1041	263,686.52	2,355,307.29	23.87	36,870.04
1042	263,695.89	2,355,324.86	9.24	36,889.95
1043	263,690.61	2,355,356.12	4.24	36,921.65
1044	263,745.50	2,355,524.43	16.95	37,098.68
1045	263,750.26	2,355,541.19	21.81	37,116.10
1046	263,777.39	2,355,592.65	24.39	37,174.28
1047	263,813.45	2,355,686.72	18.56	37,275.02
1048	263,902.68	2,355,994.82	15.45	37,595.78
1049	263,939.95	2,356,136.35	11.77	37,742.14
1050	263,945.24	2,356,170.58	353.88	37,776.77
1051	263,938.59	2,356,187.87	342.64	37,795.30
1052	263,917.73	2,356,273.55	349.90	37,883.48
1053	263,863.23	2,356,750.75	349.45	38,363.79
1054	263,809.63	2,356,956.72	335.82	38,576.62
1055	263,799.21	2,356,972.30	334.25	38,595.36
1056	263,795.14	2,356,985.02	349.37	38,608.71
1057	263,794.16	2,357,000.91	5.04	38,624.63
1058	263,799.82	2,357,024.27	7.49	38,648.67
1059	263,800.29	2,357,044.18	356.38	38,668.59
1060	263,798.10	2,357,058.65	343.58	38,683.22
1061	263,744.42	2,357,177.72	345.14	38,813.83
1062	263,743.59	2,357,186.45	14.79	38,822.60
1063	263,747.66	2,357,192.26	45.58	38,829.70
1064	263,766.18	2,357,204.68	51.74	38,851.99
1065	263,782.18	2,357,219.43	35.98	38,873.76
1066	263,789.09	2,357,234.50	19.78	38,890.33
1067	263,795.30	2,357,257.79	11.11	38,914.43
1068	263,801.18	2,357,303.82	6.28	38,960.83
1069	263,825.14	2,357,563.26	2.73	39,221.38
1070	263,825.91	2,357,800.30	1.30	39,458.42
1071	263,852.38	2,358,429.22	17.85	40,087.90
1072	263,859.15	2,358,439.52	47.01	40,100.22
1073	263,886.97	2,358,455.11	63.74	40,132.12
1074	263,905.65	2,358,463.14	51.21	40,152.44
1075	263,913.20	2,358,473.66	28.10	40,165.40
1076	263,942.01	2,358,550.58	23.15	40,247.53
1077	263,954.15	2,358,575.73	29.56	40,275.46
1078	264,127.51	2,358,839.12	36.62	40,590.79
1079	264,146.73	2,358,862.13	36.39	40,620.76
1080	264,166.44	2,358,892.60	32.83	40,657.05
1081	264,200.44	2,358,945.43	36.68	40,719.88
1082	264,211.02	2,358,957.78	46.03	40,736.14
1083	264,242.77	2,358,983.06	46.10	40,776.72
1084	264,275.06	2,359,020.55	42.58	40,826.21
1085	264,328.03	2,359,074.58	42.73	40,901.87
1086	264,577.78	2,359,361.60	33.43	41,282.33
1087	264,584.72	2,359,375.93	23.17	41,298.26
1088	264,590.90	2,359,392.47	24.45	41,315.91
1089	264,596.69	2,359,403.17	44.41	41,328.08
1090	264,603.95	2,359,407.29	65.58	41,336.43
1091	264,621.49	2,359,413.42	59.64	41,355.01

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
1092	264,629.69	2,359,420.67	44.57	41,365.95
1093	264,834.62	2,359,659.93	42.10	41,680.98
1094	264,861.30	2,359,687.93	49.64	41,719.66
1095	264,927.40	2,359,733.09	54.09	41,799.71
1096	264,978.77	2,359,772.48	47.84	41,864.44
1097	265,063.99	2,359,863.36	39.67	41,989.04
1098	265,100.28	2,359,912.98	34.31	42,050.50
1099	265,108.76	2,359,926.33	32.60	42,066.32
1100	265,224.00	2,360,105.41	33.81	42,279.28
1101	265,234.44	2,360,120.39	37.32	42,297.54
1102	265,272.64	2,360,166.25	39.89	42,357.22
1103	265,347.06	2,360,254.97	38.23	42,473.02
1104	265,380.06	2,360,299.61	37.49	42,528.53
1105	265,409.64	2,360,336.79	31.22	42,576.04
1106	265,421.59	2,360,363.73	16.78	42,605.51
1107	265,428.11	2,360,402.07	4.68	42,644.41
1108	265,427.38	2,360,548.46	356.28	42,790.79
1109	265,423.93	2,360,575.92	353.19	42,818.47
1110	265,419.06	2,360,618.96	354.39	42,861.79
1111	265,417.68	2,360,635.44	15.04	42,878.33
1112	265,431.29	2,360,654.98	27.39	42,902.14
1113	265,439.68	2,360,678.11	35.29	42,926.74
1114	265,451.75	2,360,688.01	56.42	42,942.35
1115	265,463.09	2,360,693.99	51.48	42,955.18
1116	265,477.40	2,360,710.60	30.20	42,977.09
1117	265,501.95	2,360,779.34	18.49	43,050.09
1118	265,507.16	2,360,796.03	12.46	43,067.57
1119	265,509.41	2,360,812.91	18.78	43,084.60
1120	266,098.64	2,361,834.70	31.29	44,264.11
1121	266,158.22	2,361,927.80	38.50	44,374.65
1122	266,202.11	2,361,972.65	49.29	44,437.40
1123	266,215.16	2,361,982.06	54.56	44,453.49
1124	266,248.99	2,362,005.82	57.16	44,494.82
1125	266,298.74	2,362,035.25	54.88	44,552.63
1126	266,326.25	2,362,058.04	54.92	44,588.36
1127	266,370.79	2,362,084.29	47.72	44,640.05
1128	266,385.01	2,362,103.90	40.38	44,664.28
1129	266,403.63	2,362,122.66	23.45	44,690.70
1130	266,404.44	2,362,144.80	358.00	44,712.87
1131	266,402.36	2,362,164.21	356.05	44,732.38
1132	266,400.84	2,362,213.41	358.22	44,781.61
1133	266,400.45	2,362,225.89	2.44	44,794.10
1134	266,405.70	2,362,270.90	6.66	44,839.41
1135	266,406.74	2,362,279.75	358.04	44,848.32
1136	266,400.94	2,362,310.80	0.96	44,879.91
1137	266,442.22	2,362,497.01	7.35	45,070.64
1138	266,442.71	2,362,509.94	338.72	45,083.57
1139	266,434.79	2,362,517.92	320.41	45,094.82
1140	266,424.62	2,362,532.77	343.95	45,112.82
1141	266,425.25	2,362,548.45	2.30	45,128.51
1142	266,425.39	2,362,551.92	10.91	45,131.99
1143	266,675.14	2,363,256.50	25.20	45,879.52

### 14 Gto-SF ruta puntos X Y

Vértice	X	Y	Angulo	Distancia Acumulada (m)
1144	266,753.68	2,363,387.81	31.78	46,032.53
1145	266,765.68	2,363,406.52	33.51	46,054.75
1146	266,797.63	2,363,453.27	38.22	46,111.37
1147	266,840.12	2,363,500.32	56.10	46,174.77
1148	266,862.92	2,363,508.57	60.90	46,199.02
1149	266,877.14	2,363,519.80	39.22	46,217.14
1150	266,905.42	2,363,575.93	19.75	46,279.99
1151	266,916.67	2,363,625.64	15.37	46,330.96
1152	266,961.55	2,363,763.85	21.34	46,476.27
1153	266,974.68	2,363,792.41	31.59	46,507.70
1154	267,051.03	2,363,888.41	33.97	46,630.36
1155	267,066.68	2,363,916.15	43.46	46,662.21
1156	267,086.25	2,363,928.61	60.83	46,685.41
1157	267,119.67	2,363,944.80	50.26	46,722.54
1158	267,160.50	2,364,000.27	32.19	46,791.42
1159	267,191.42	2,364,058.36	21.77	46,857.23
1160	267,212.07	2,364,132.71	14.14	46,934.40
1161	267,298.79	2,364,515.52	15.00	47,326.90
1162	267,313.04	2,364,561.45	38.37	47,374.99
1163	267,335.32	2,364,574.56	51.32	47,400.84
1164	267,489.52	2,364,739.17	29.84	47,626.39
1165	267,692.94	2,365,423.62	19.81	48,340.43
1166	267,770.67	2,365,606.08	18.15	48,538.76
1167	268,193.60	2,367,406.86	9.29	50,388.54
1168	268,197.05	2,367,443.59	7.26	50,425.43
1169	268,201.26	2,367,469.74	10.71	50,451.92
1170	268,365.49	2,368,224.14	11.84	51,223.98
1171	268,451.14	2,368,648.94	9.31	51,657.34
1172	268,529.25	2,369,265.37	8.74	52,278.69
1173	268,605.30	2,369,685.45	10.30	52,705.60
1174	268,685.09	2,370,122.93	8.80	53,150.30
1175	268,687.97	2,370,145.46	347.69	53,173.01
1176	268,678.68	2,370,160.38	330.75	53,190.59
1177	268,662.52	2,370,192.64	347.66	53,226.66
1178	268,663.96	2,370,235.55	2.00	53,269.61
1179	268,712.20	2,371,564.06	4.60	54,598.99
1180	268,721.90	2,371,641.82	7.21	54,677.35
1181	268,764.11	2,371,971.20	5.31	55,009.43
1182	268,765.15	2,371,989.03	6.28	55,027.28
1183	268,996.05	2,373,409.80	8.45	56,466.70
1184	269,002.19	2,373,455.45	7.66	56,512.75
1185	269,009.90	2,373,512.74	7.66	56,570.56
1186	269,017.60	2,373,570.03	7.66	56,628.36
1187	269,025.31	2,373,627.32	7.66	56,686.17
1188	269,033.01	2,373,684.61	7.66	56,743.98
1189	269,035.77	2,373,705.10	11.52	56,764.65
1190	269,045.62	2,373,740.90	15.38	56,801.78
1191	269,060.95	2,373,796.64	15.38	56,859.59
1192	269,076.28	2,373,852.38	15.38	56,917.40
1193	269,086.25	2,373,888.65	11.79	56,955.02
1194	269,089.13	2,373,908.63	8.19	56,975.21
1195	269,097.37	2,373,965.85	6.65	57,033.01

**14 Gto-SF ruta puntos X Y**

<b>Vértice</b>	<b>X</b>	<b>Y</b>	<b>Angulo</b>	<b>Distancia Acumulada (m)</b>
1196	269,103.18	2,374,030.88	4.96	57,098.31
1197	269,107.41	2,374,081.02	3.49	57,148.62
1198	269,109.64	2,374,139.90	1.42	57,207.54
1199	269,109.95	2,374,166.10	10.35	57,233.75
1200	269,137.79	2,374,242.45	20.88	57,315.01
1201	269,157.78	2,374,292.61	24.24	57,369.01
1202	269,180.17	2,374,337.03	29.27	57,418.75
1203	269,202.04	2,374,372.32	33.33	57,460.27
1204	269,219.66	2,374,397.61	36.55	57,491.10
1205	269,236.81	2,374,419.38	40.01	57,518.81
1206	269,261.50	2,374,446.99	42.34	57,555.84
1207	269,478.55	2,374,680.73	40.90	57,874.82
1208	269,507.10	2,374,716.08	37.13	57,920.26
1209	269,526.81	2,374,743.88	32.87	57,954.34
1210	269,826.81	2,375,254.90	30.47	58,546.92
1211	269,938.16	2,375,443.82	30.99	58,766.20
1212	269,954.12	2,375,469.89	33.98	58,796.78
1213	269,970.31	2,375,491.79	38.31	58,824.01
1214	270,342.82	2,375,933.60	40.14	59,401.90