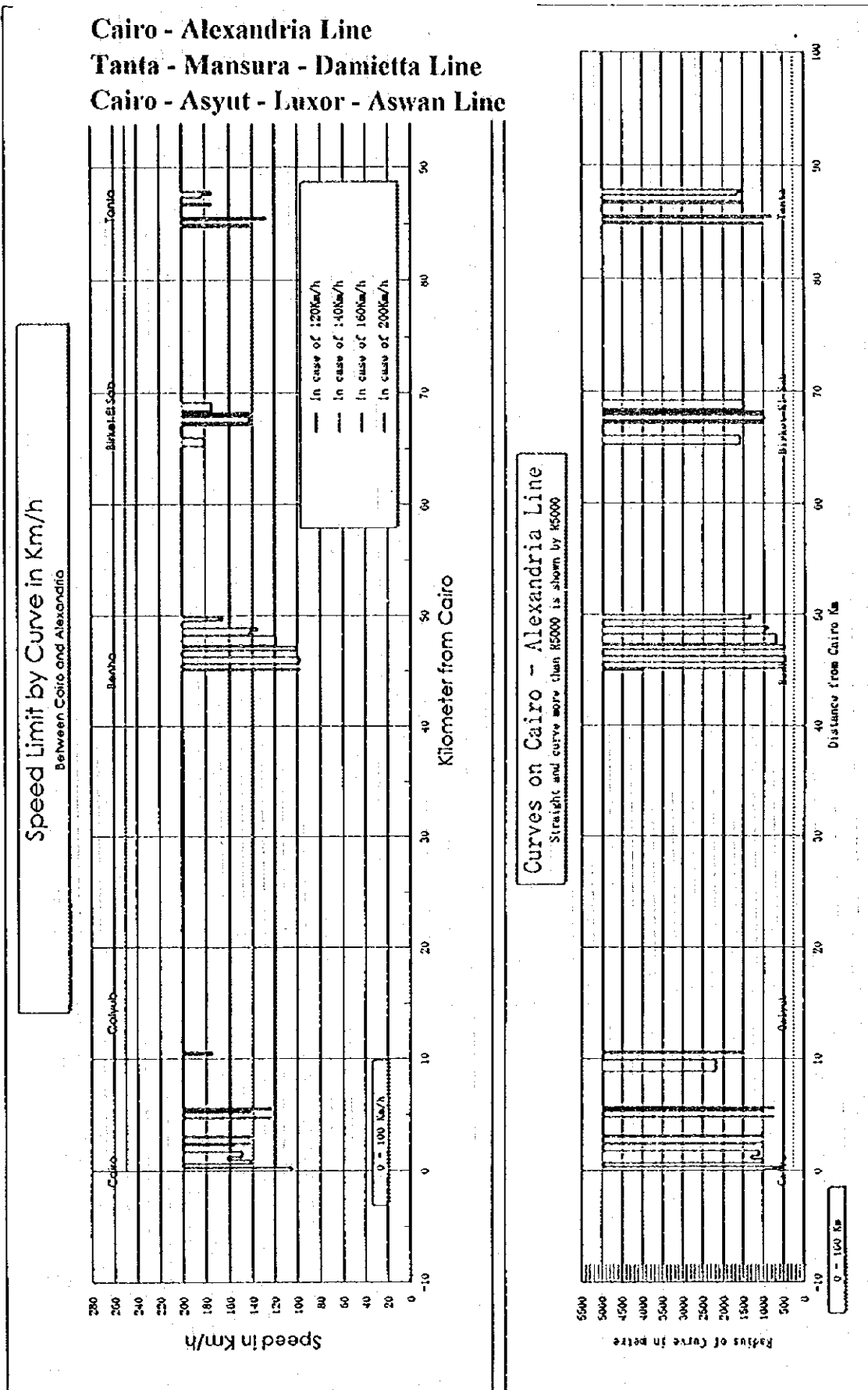
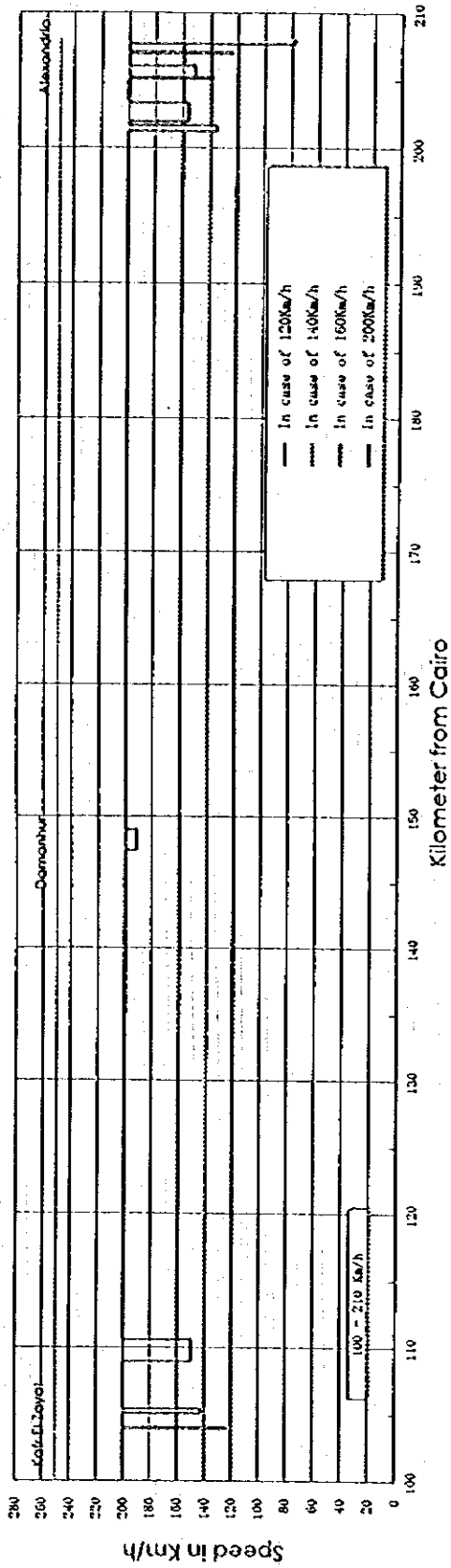


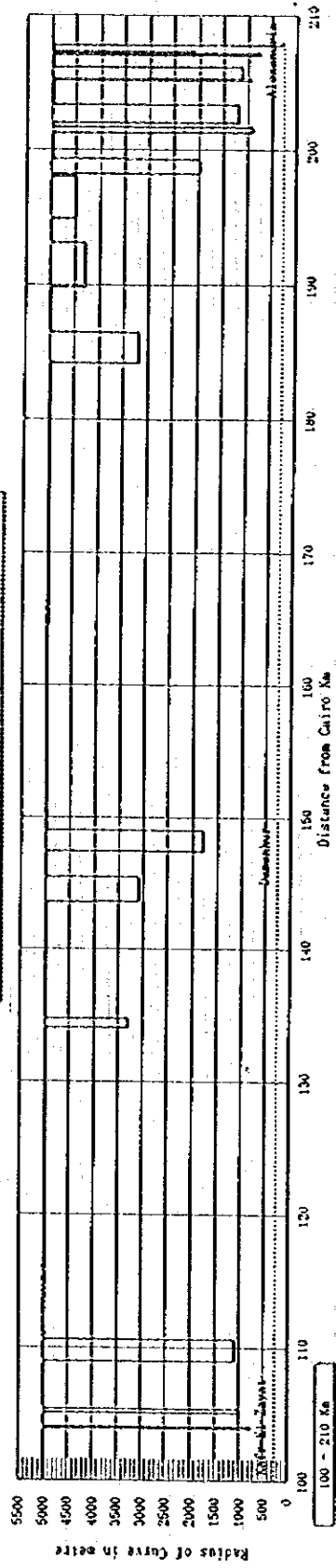
## Curves and Limiting Speeds



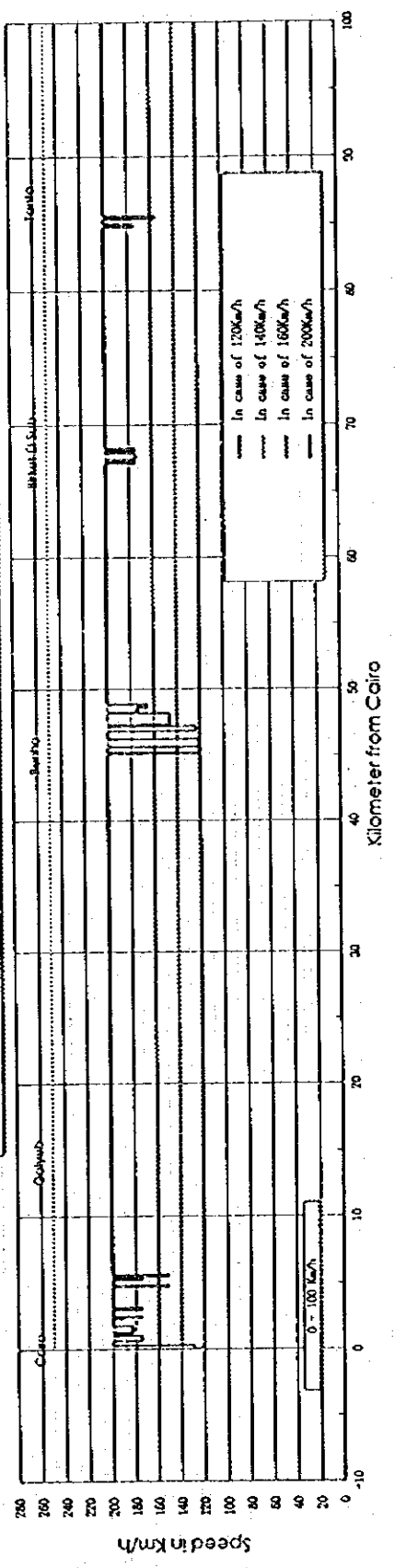
### Speed Limit by Curve in Km/h Between Cairo and Alexandria



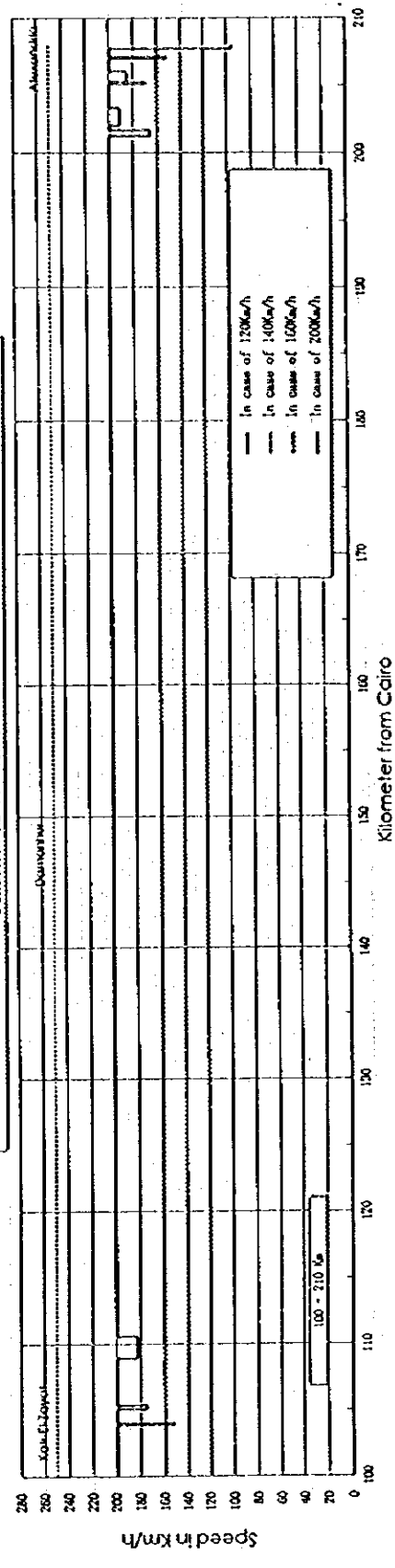
### Curves on Cairo - Alexandria Line Straight and curve more than 165000 is shown by 165000

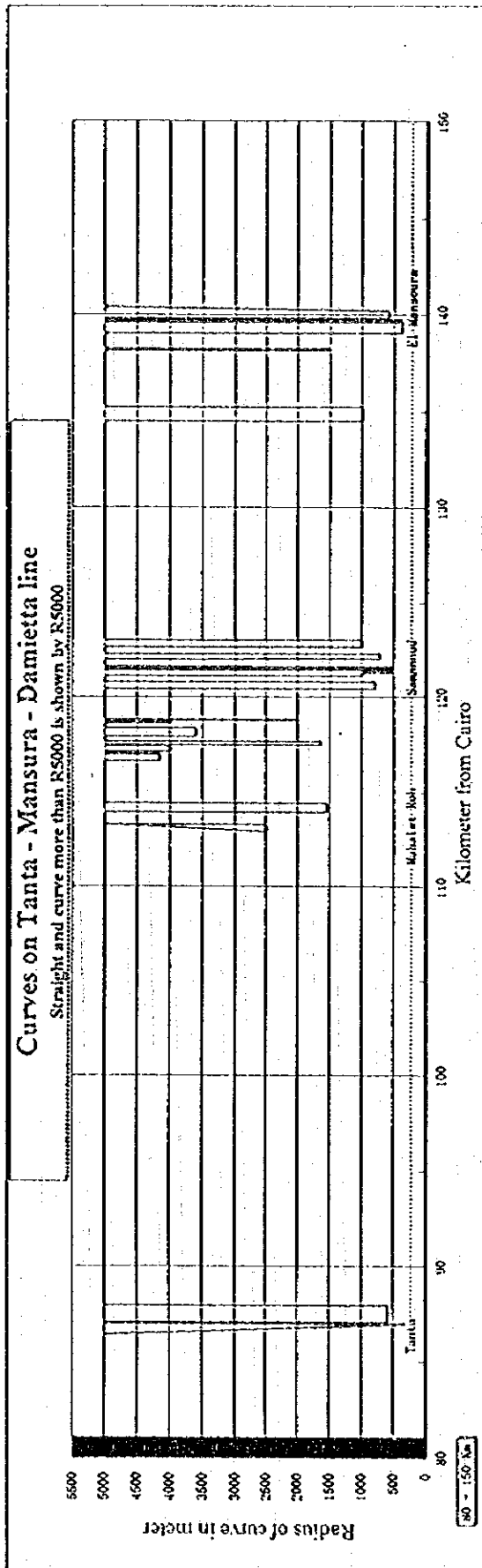
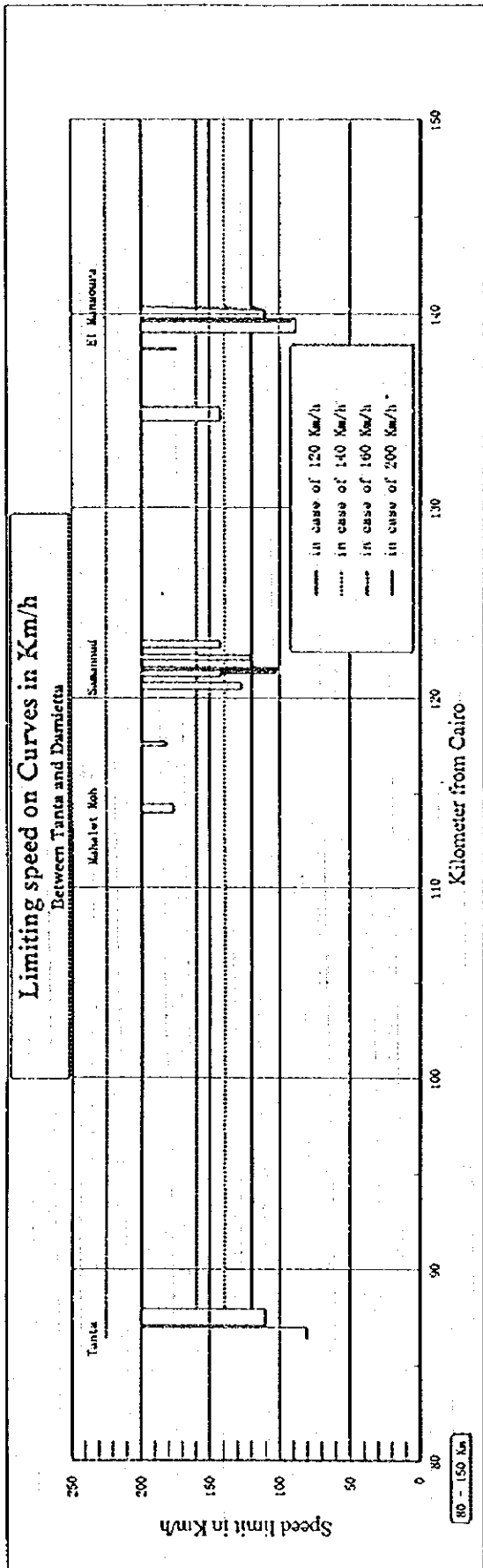


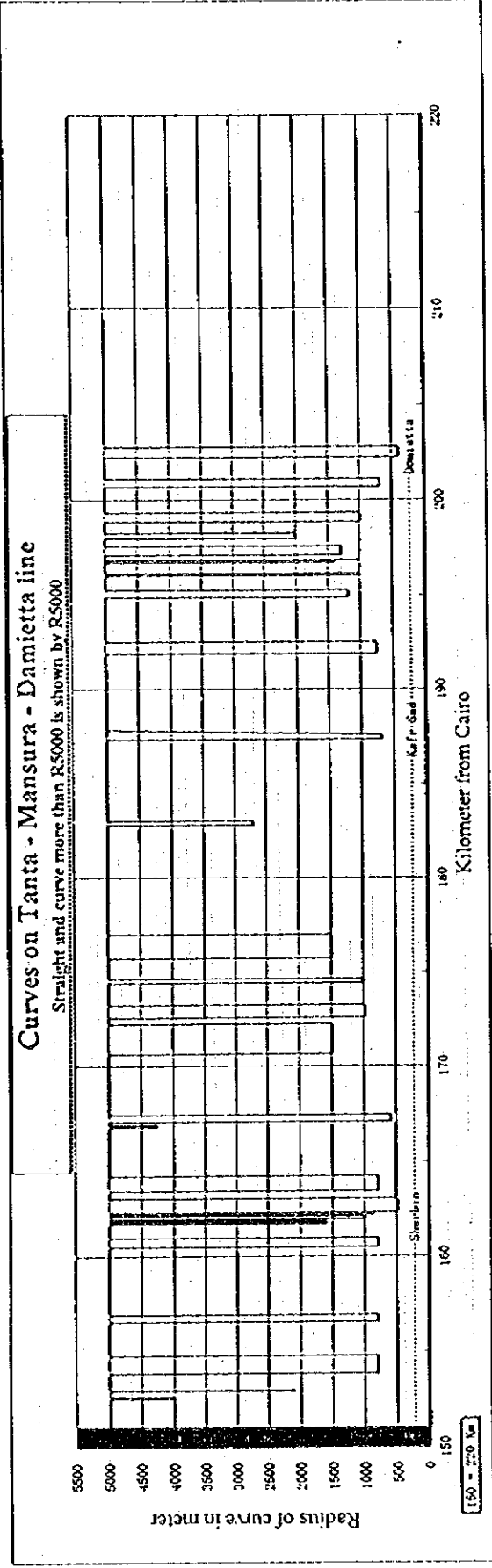
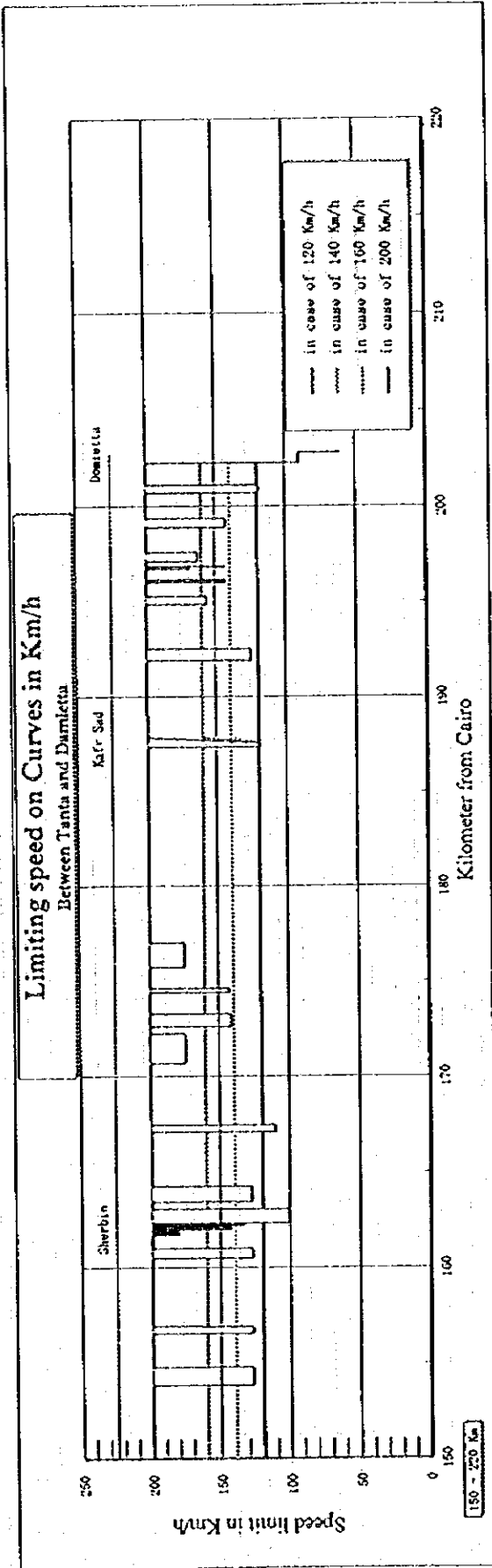
**Speed Limit by Curve in Km/h**  
Pendulum car between Cairo and Alexandria



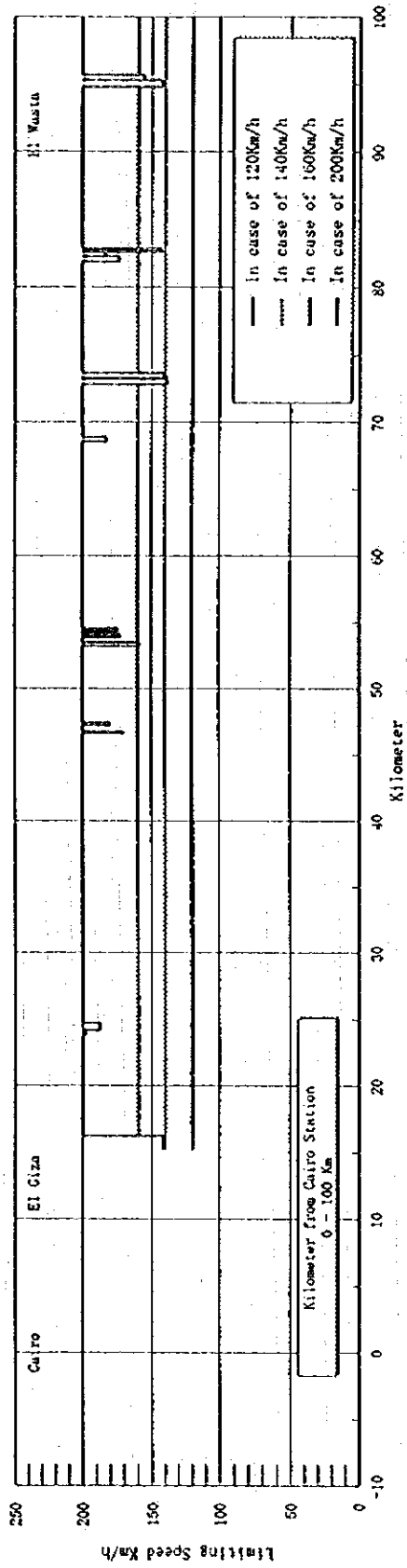
**Speed Limit by Curve in Km/h**  
Pendulum car between Cairo and Alexandria



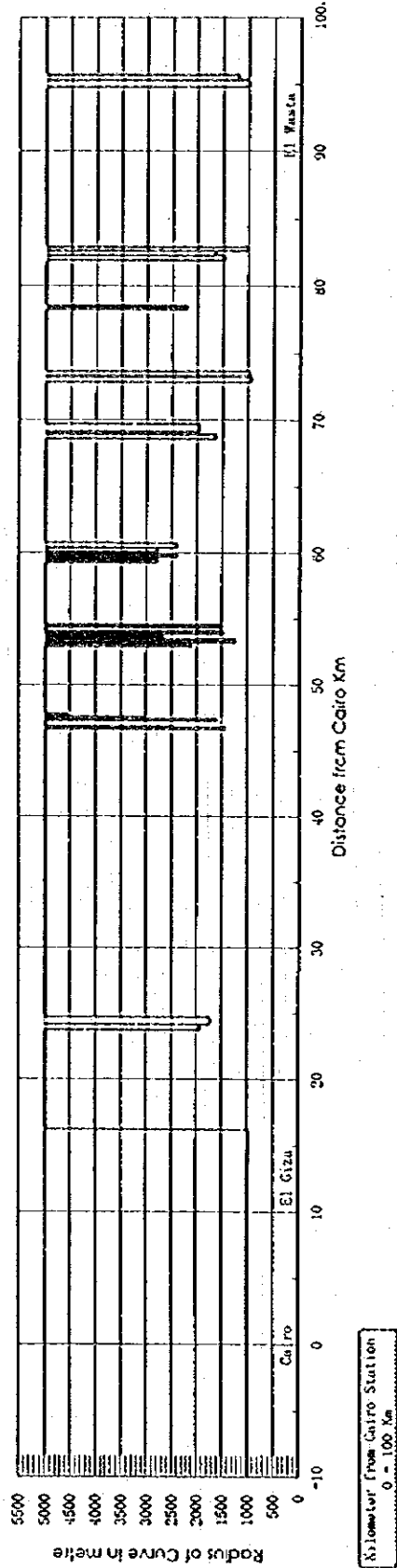




### Limiting Speed on Curves Between Cairo and Aswan

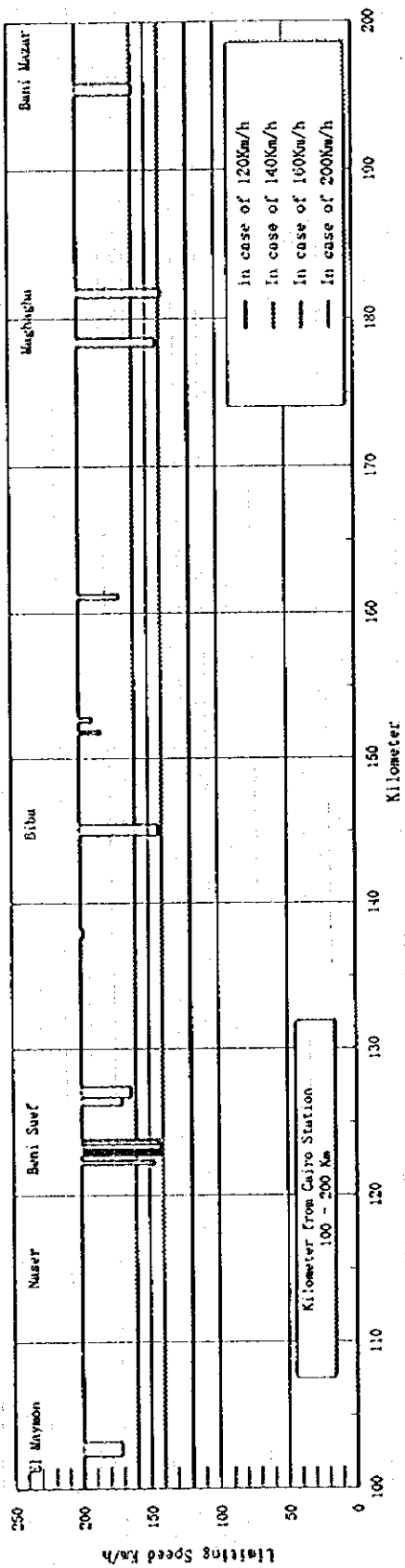


### Curves on Cairo, Luxor and Aswan line Straight and curve more than R5000 is shown by RS000



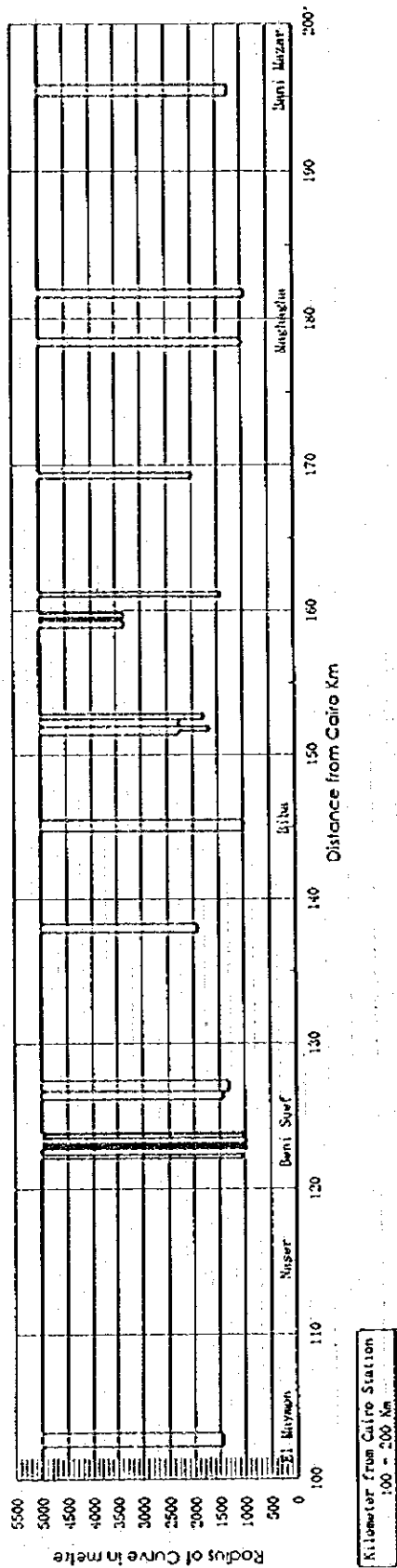
### Limiting Speed on Curves

Between Cairo and Aswan

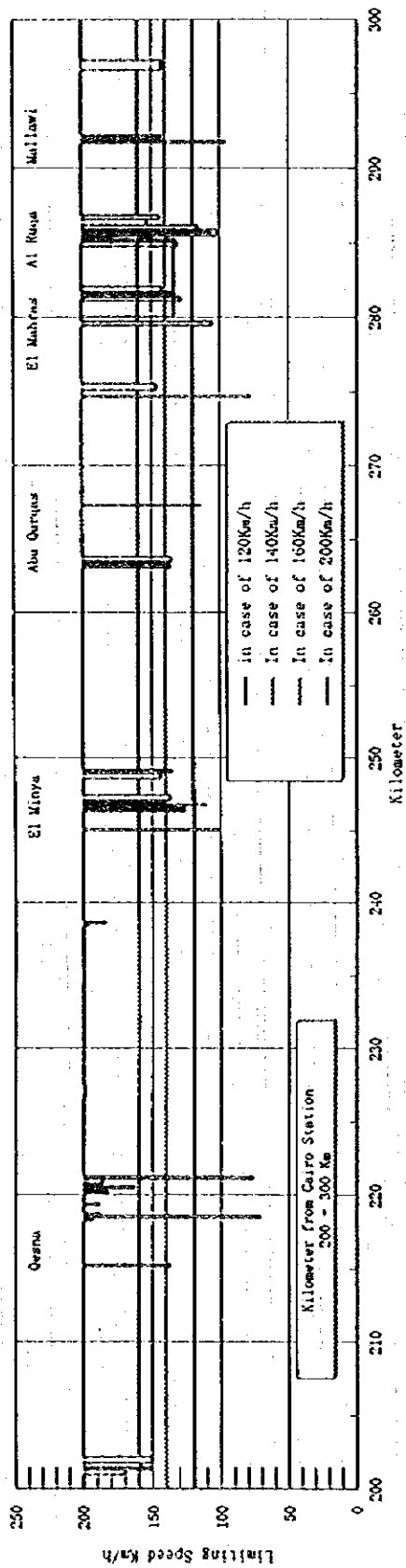


### Curves on Cairo, Luxor and Aswan line

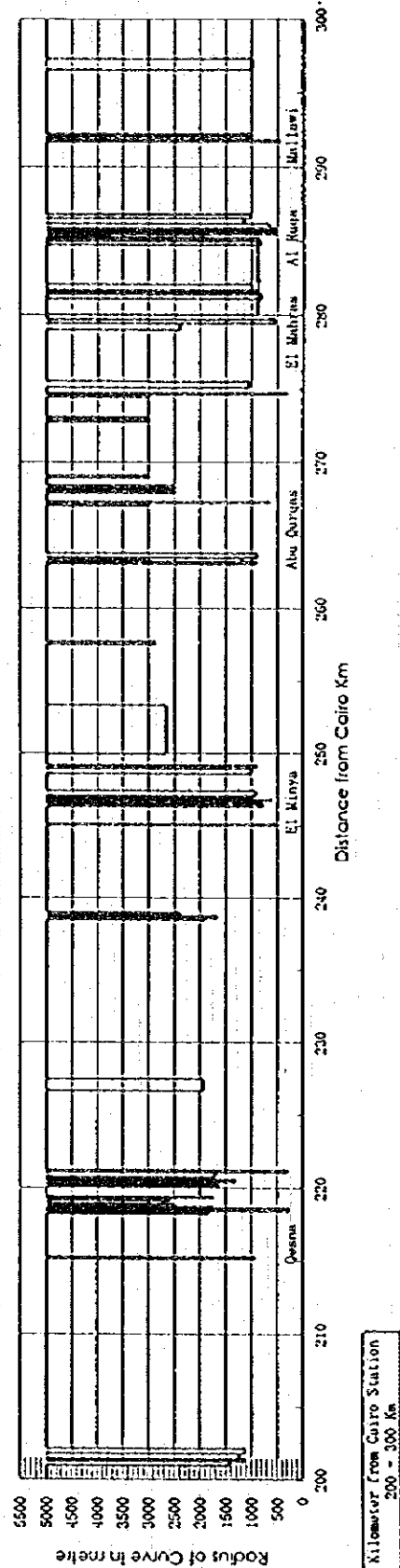
Straight and curve more than 85000 is shown by R5000



### Limiting Speed on Curves Between Cairo and Aswan

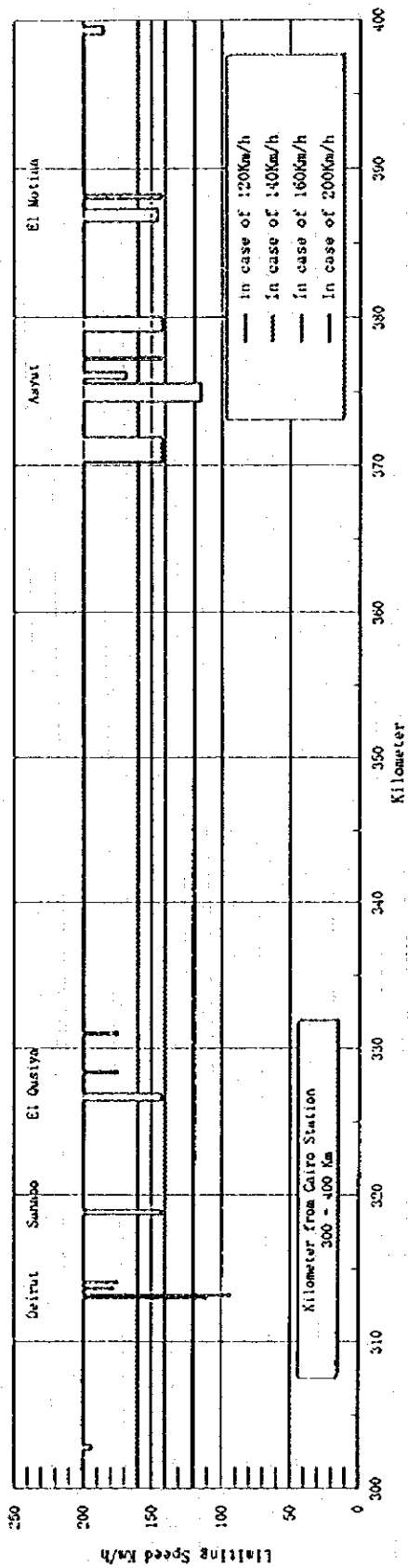


### Curves on Cairo, Luxor and Aswan line Straight and curve more than R5000 is shown by R5000

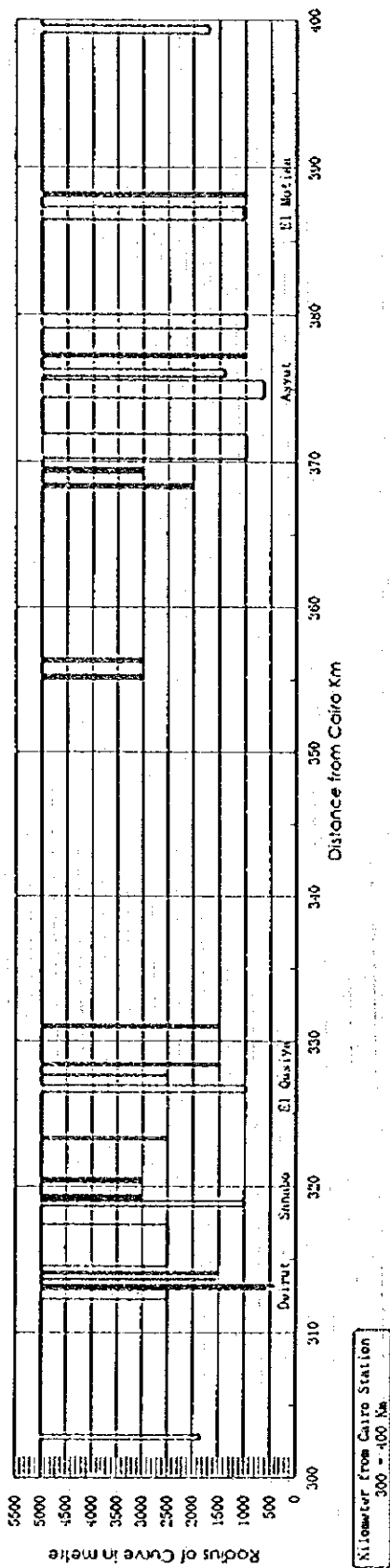




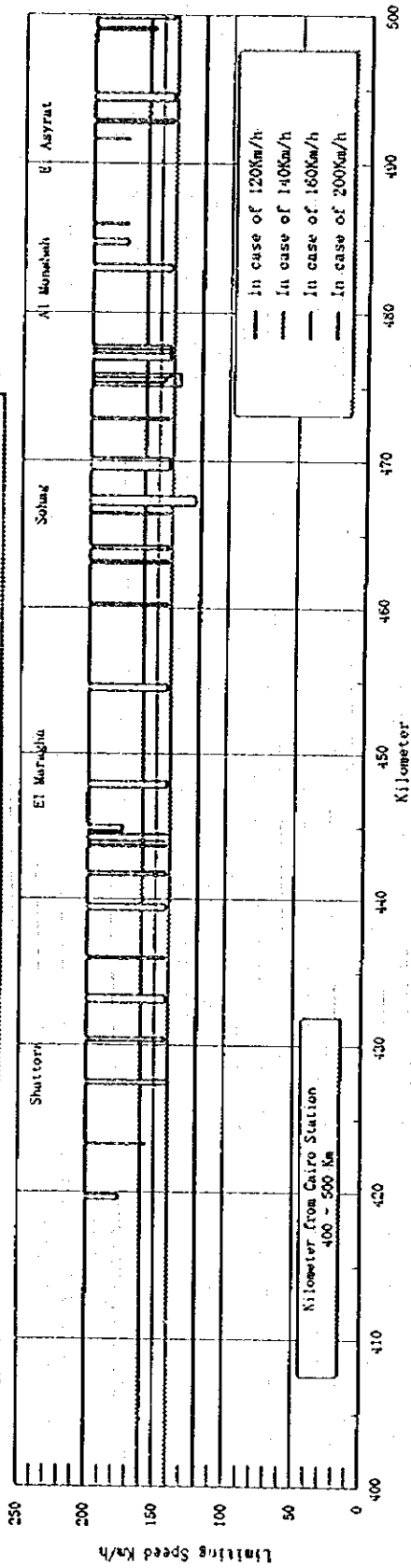
### Limiting Speed on Curves Between Cairo and Aswan



### Curves on Cairo, Luxor and Aswan line Straight and curve more than R5000 is shown by R5000

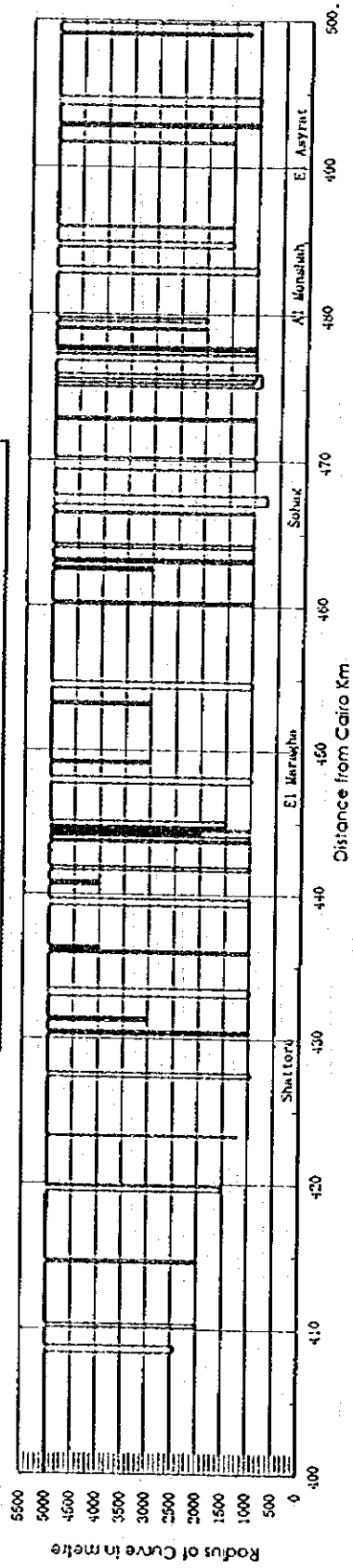


### Limiting Speed on Curves Between Cairo and Aswan

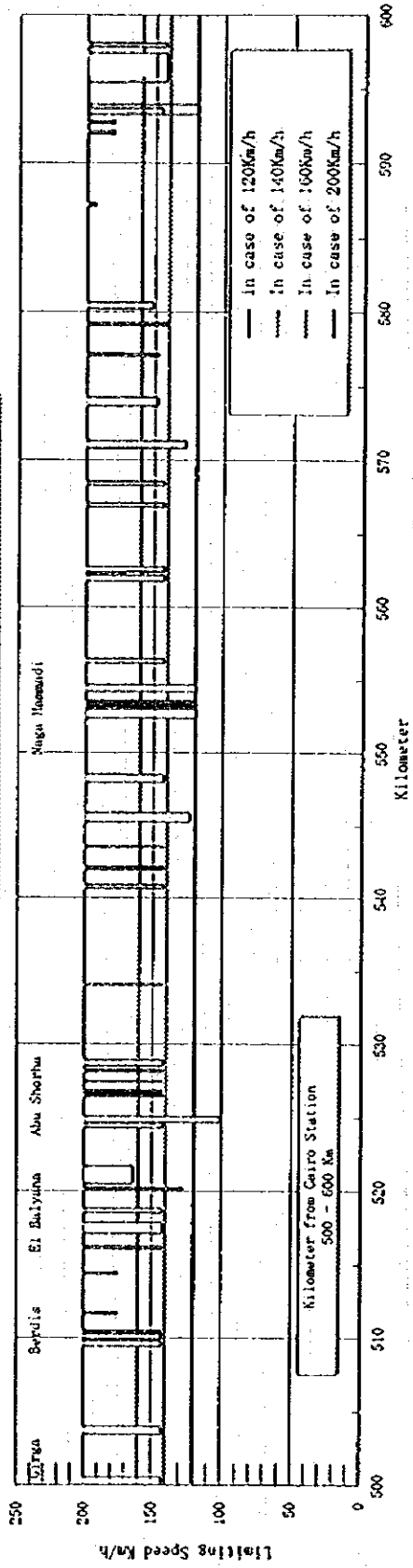


### Curves on Cairo, Luxor and Aswan line

Straight end curve more than R5000 is shown by R5000

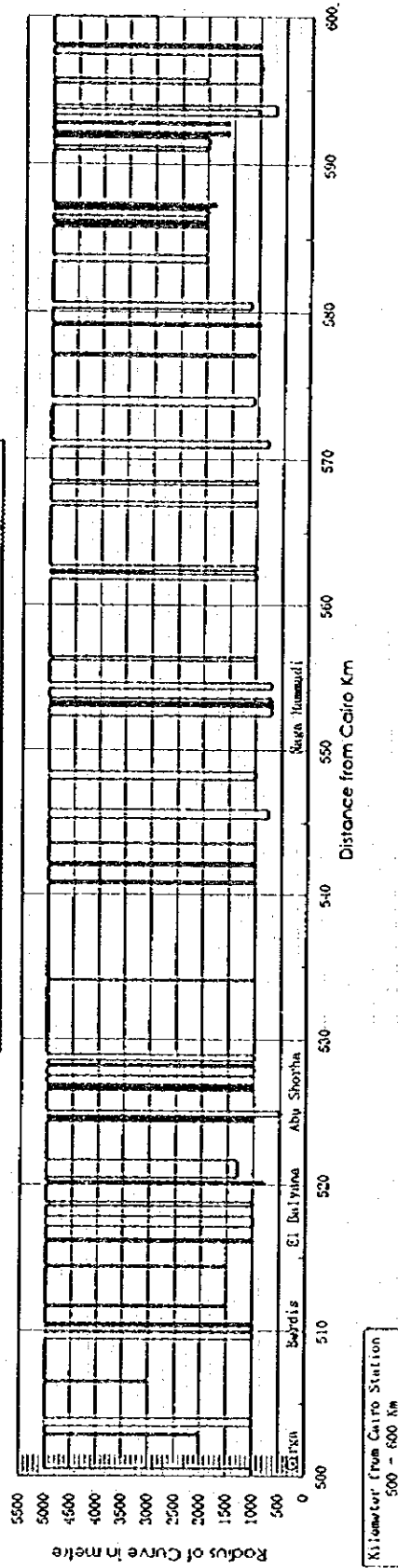


### Limiting Speed on Curves Between Cairo and Aswan

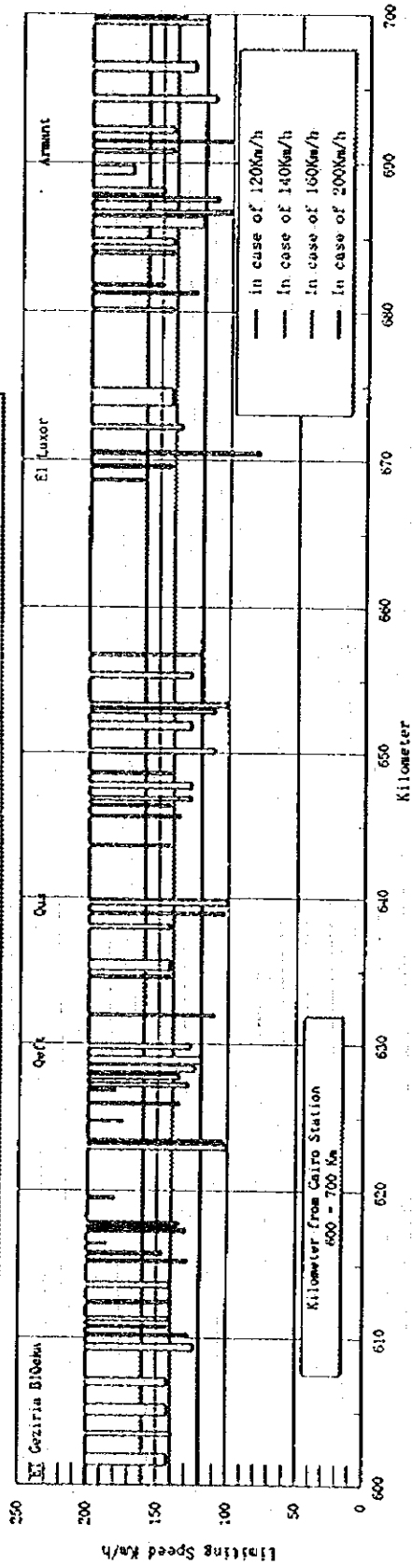


### Curves on Cairo, Luxor and Aswan line

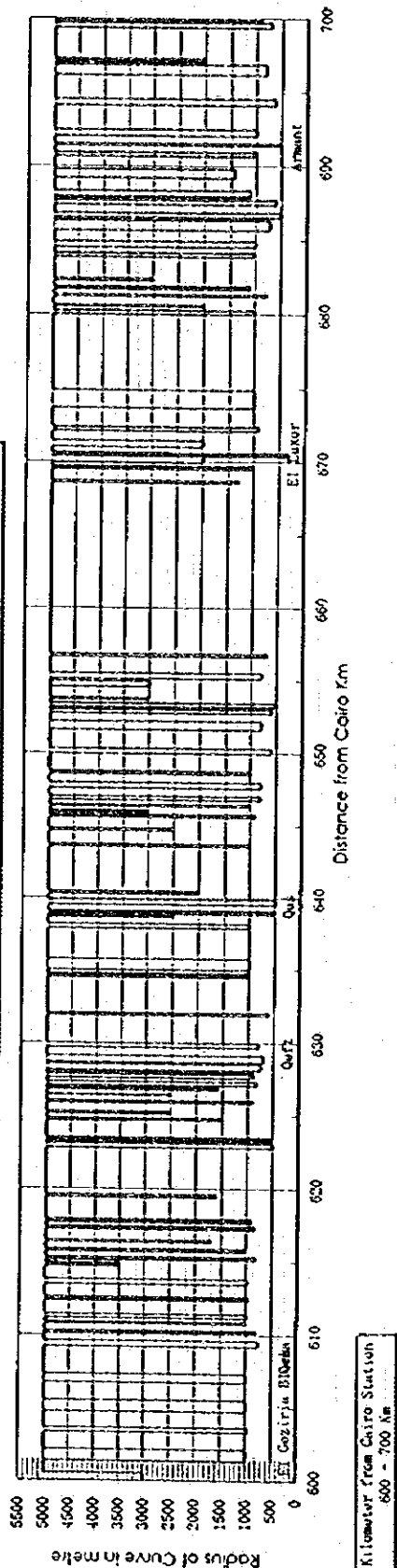
Straight and curve more than R5000 is shown by R5000



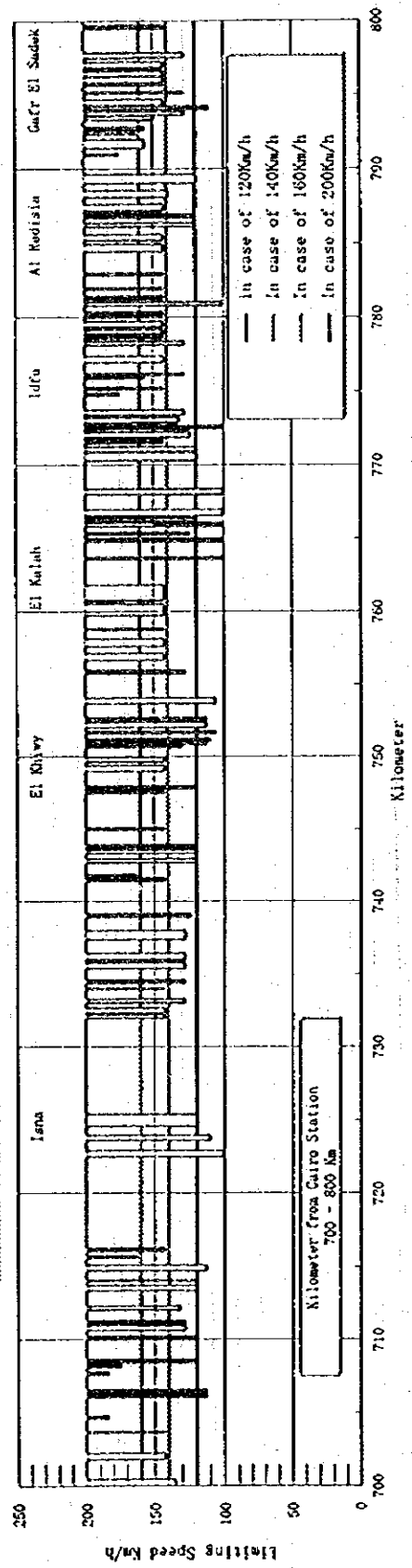
### Limiting Speed on Curves Between Cairo and Aswan



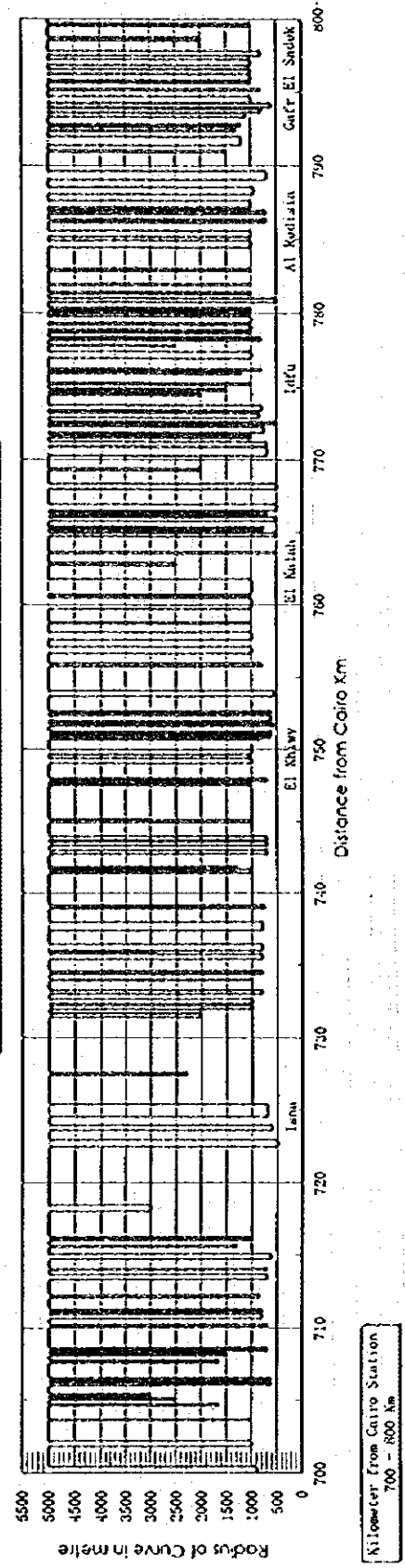
### Curves on Cairo, Luxor and Aswan line Straight and curve more than R5000 is shown by R5000



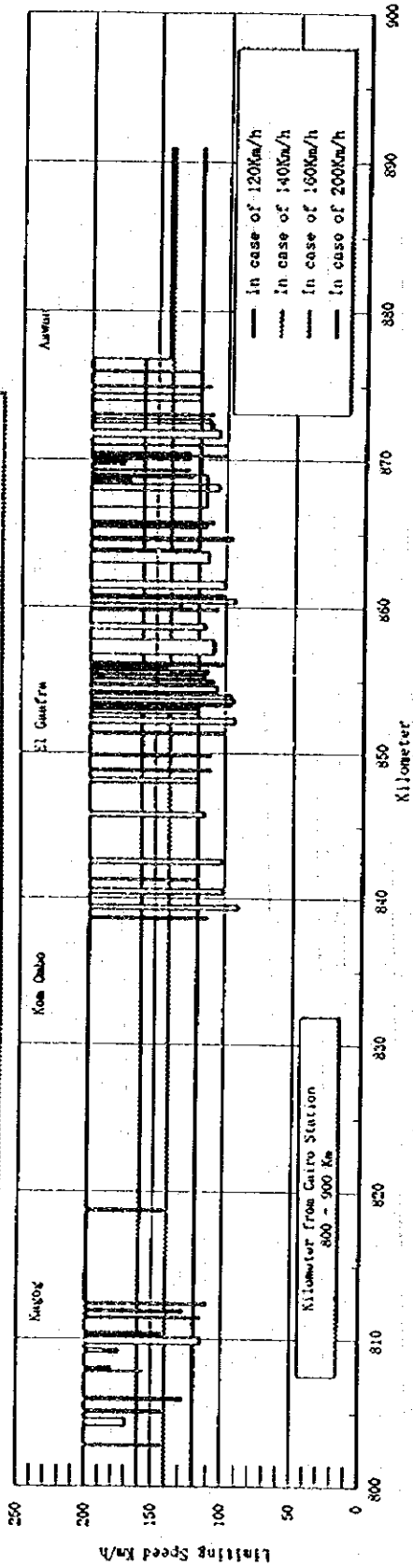
### Limiting Speed on Curves Between Cairo and Aswan



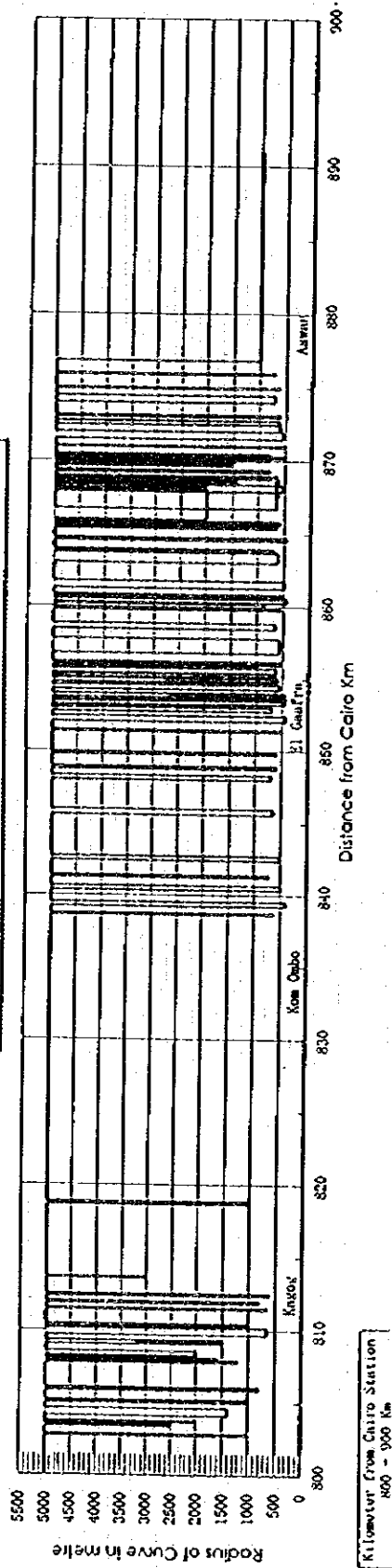
### Curves on Cairo, Luxor and Aswan line Straight and curve more than 85000 is shown by 85000



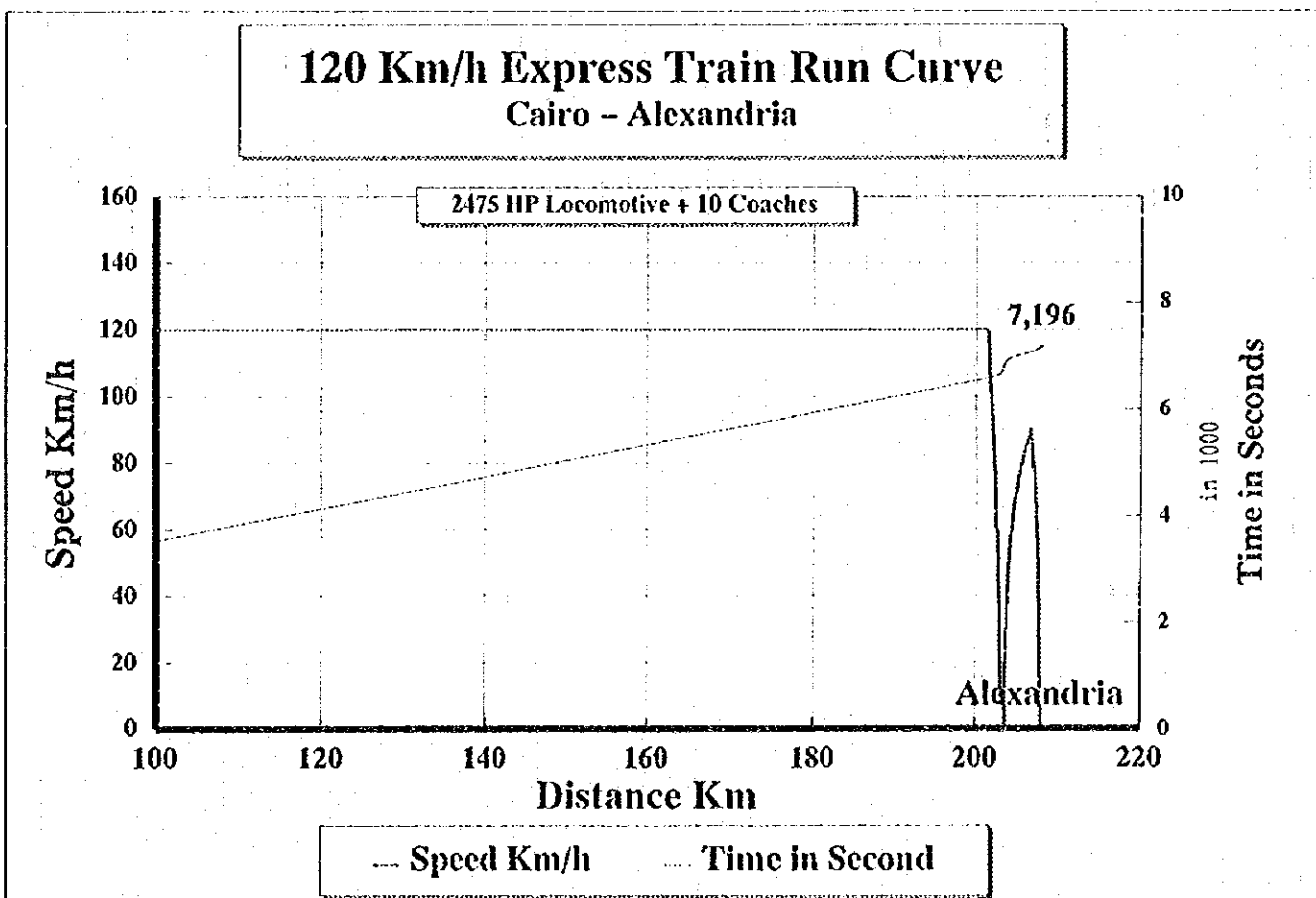
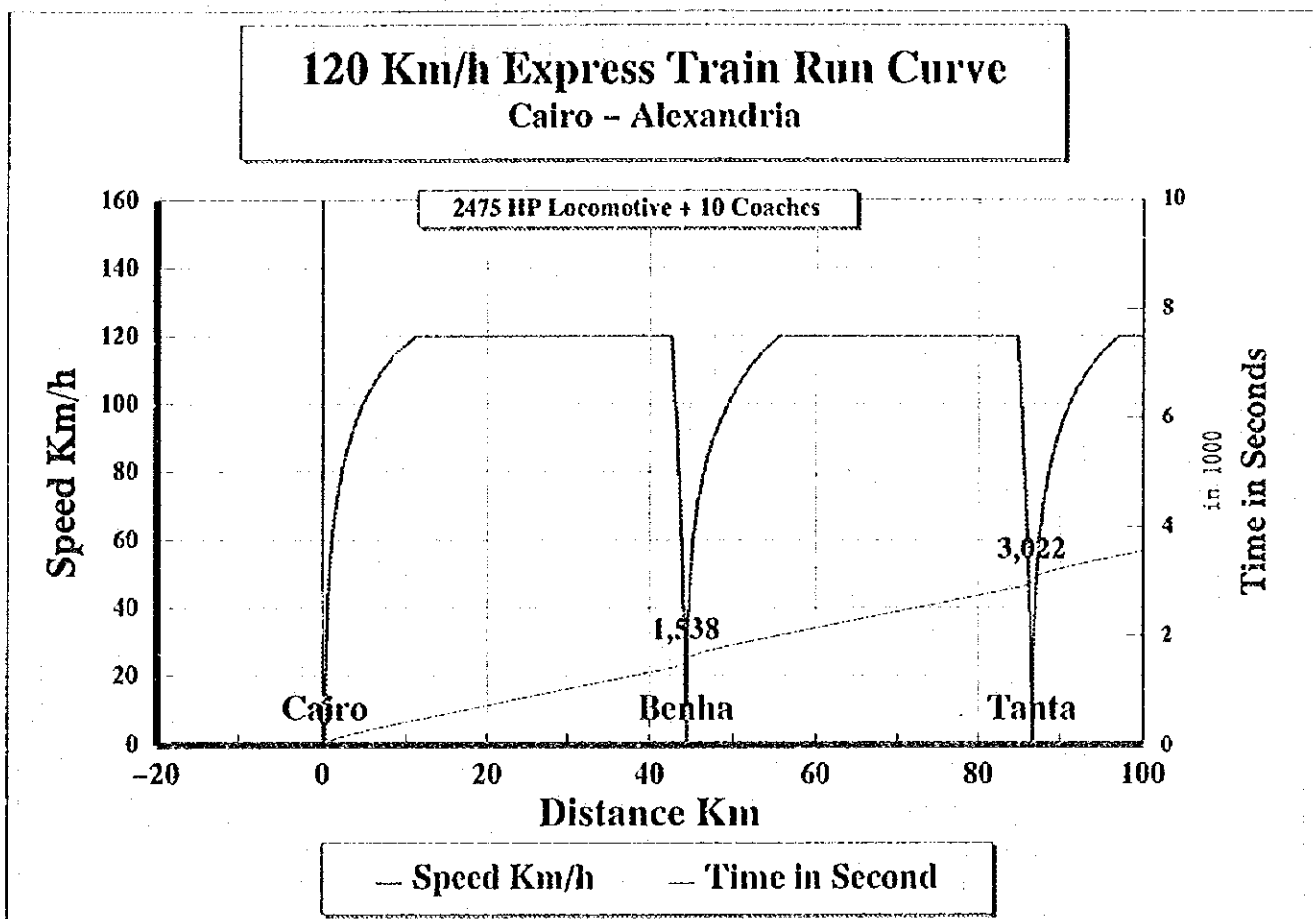
### Limiting Speed on Curves Between Cairo and Aswan



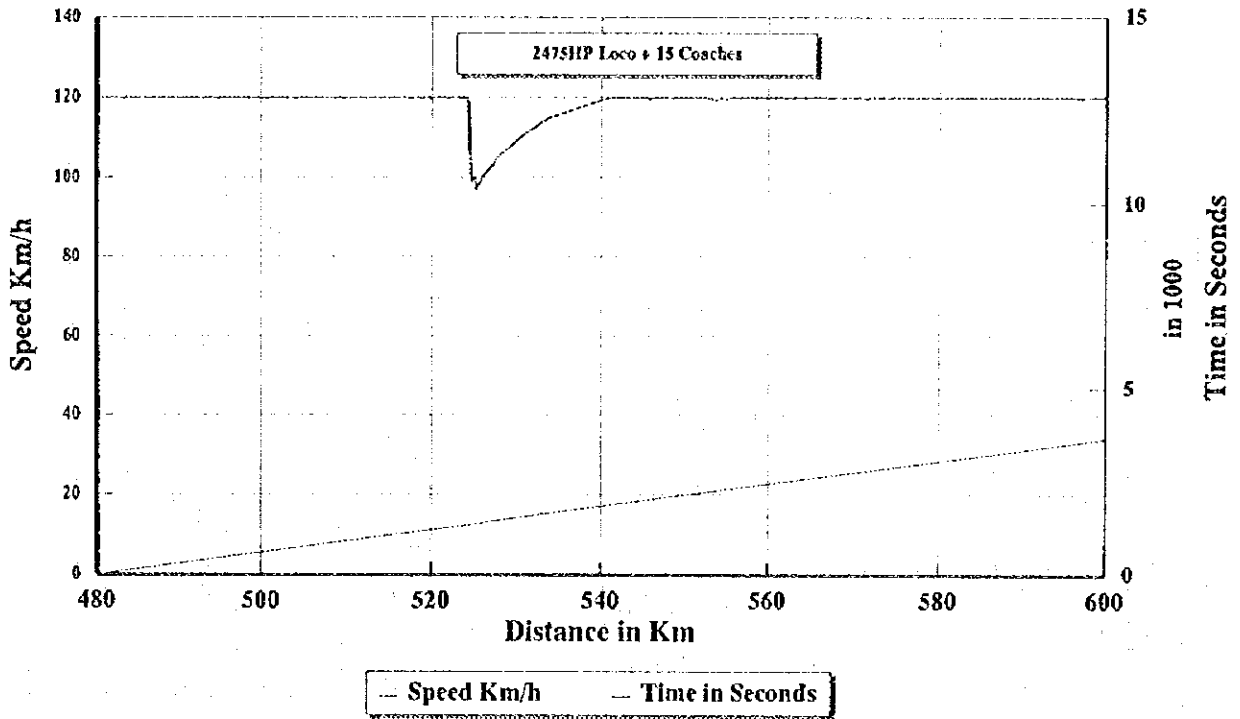
### Curves on Cairo, Luxor and Aswan line Straight and curve more than R5000 is shown by RS5000



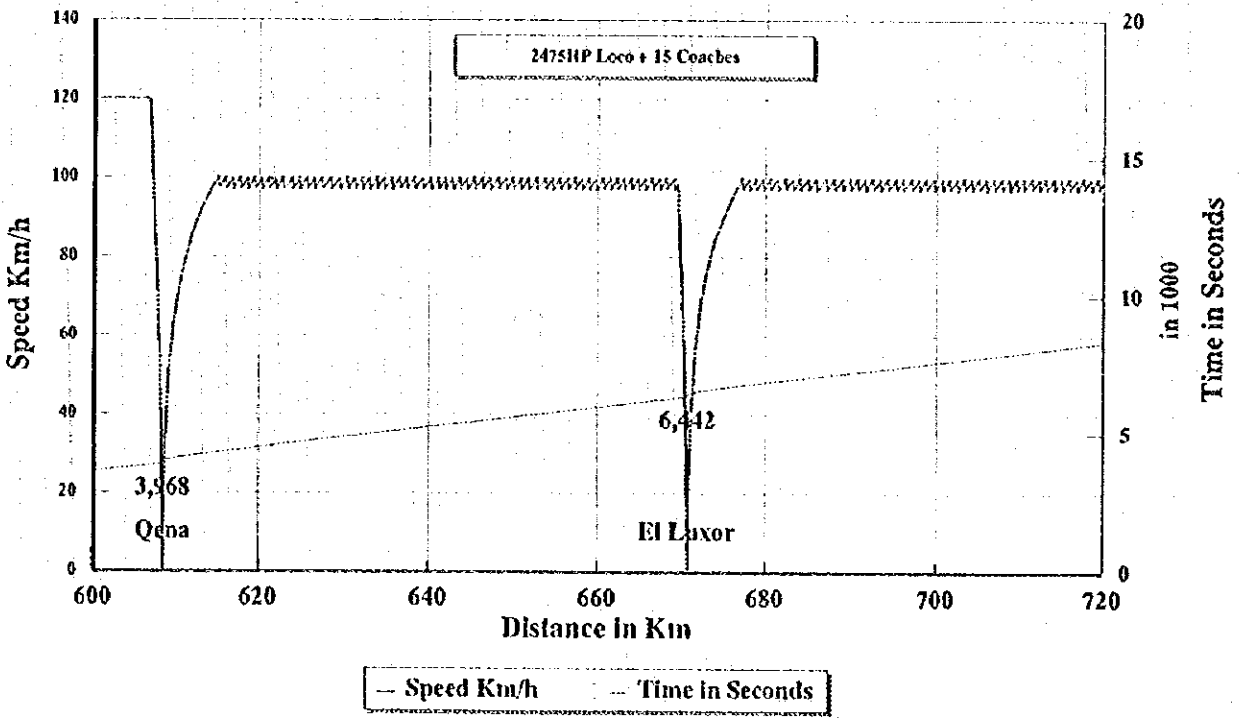
### Simulation of Train Running Curve



**120 Km/h Express Train Run Curve**  
 Calro - Giza - El Wasta - Beni Suef - El Minya - Asyut

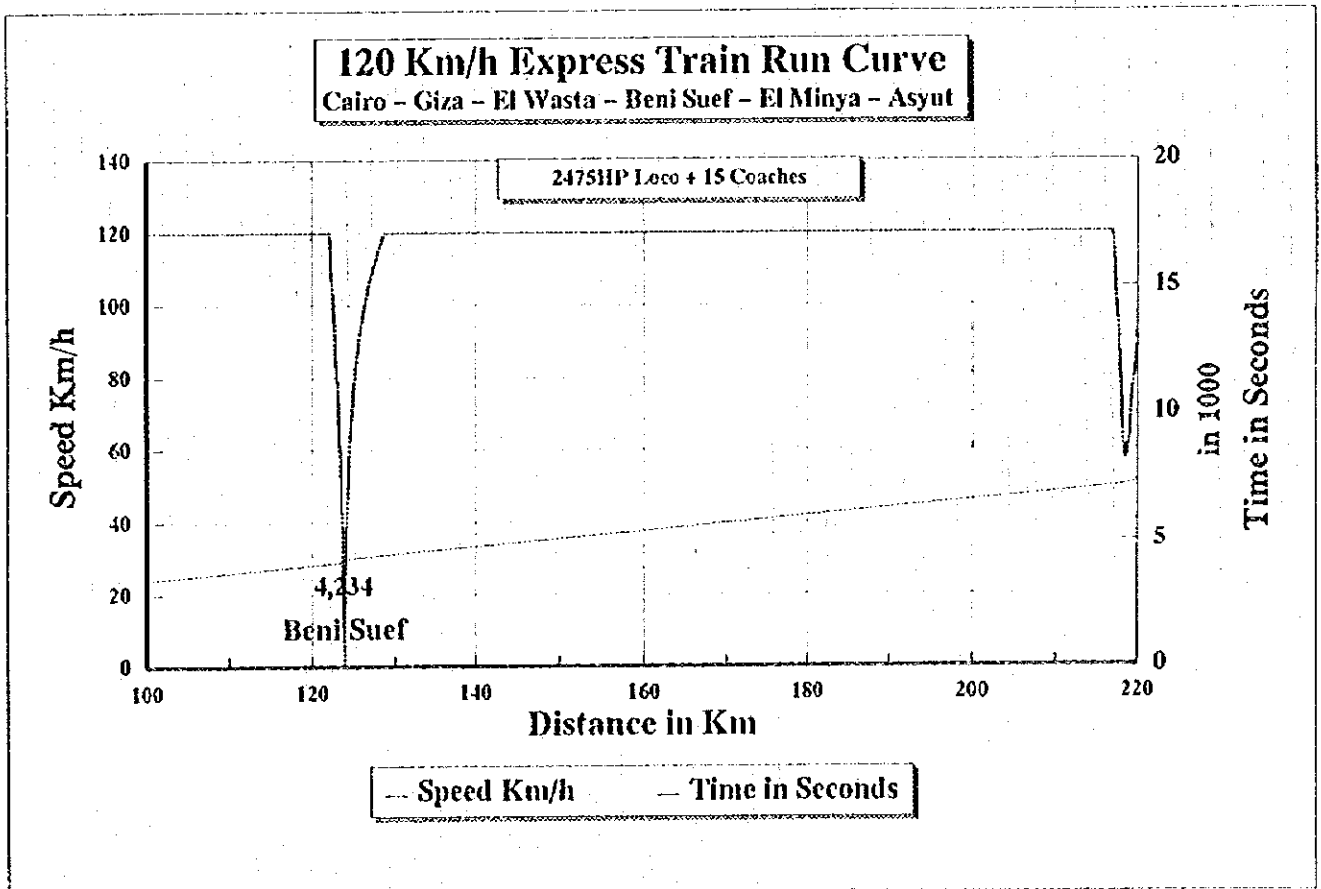
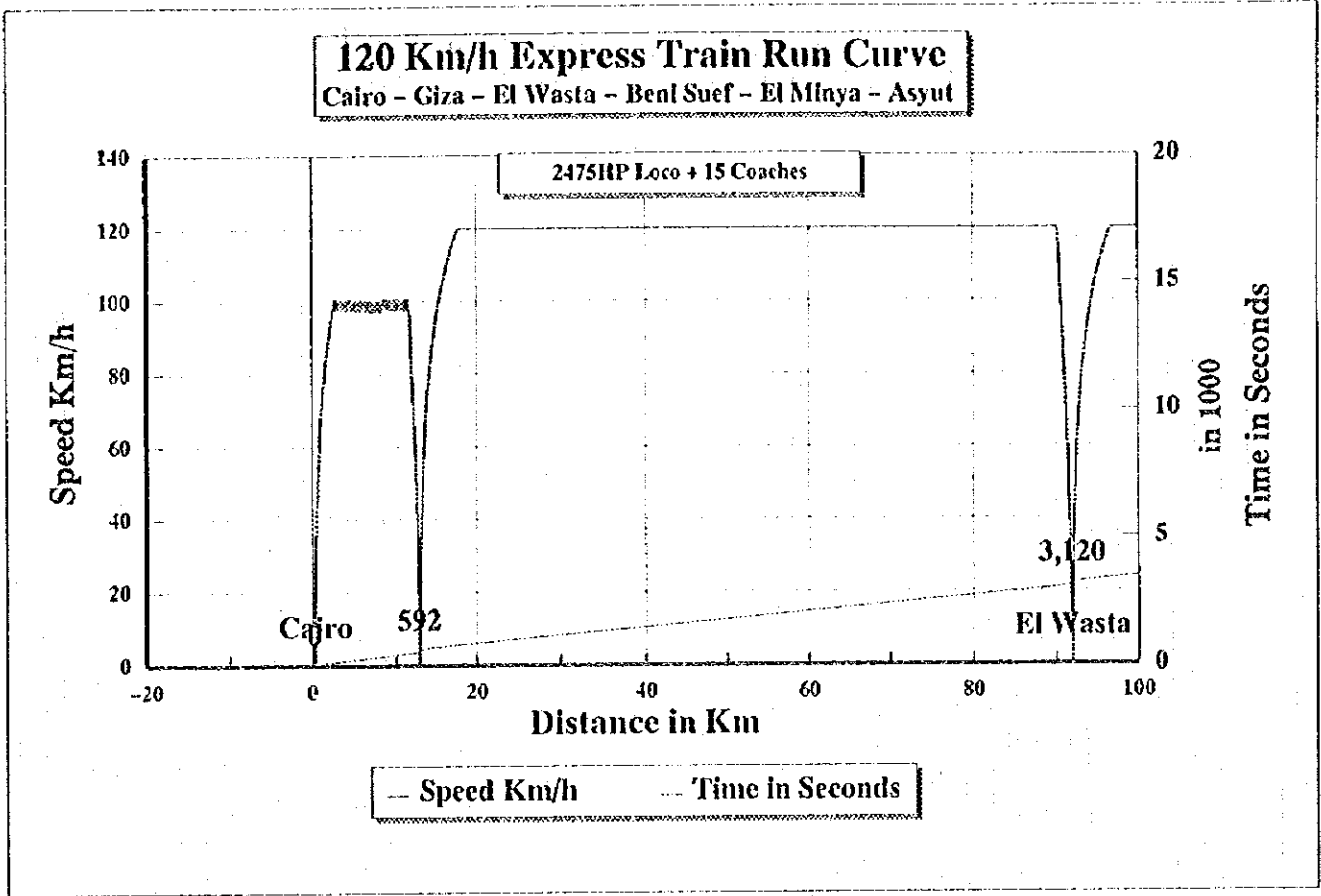


**120 Km/h Express Train Run Curve**  
 Calro - Giza - El Wasta - Beni Suef - El Minya - Asyut

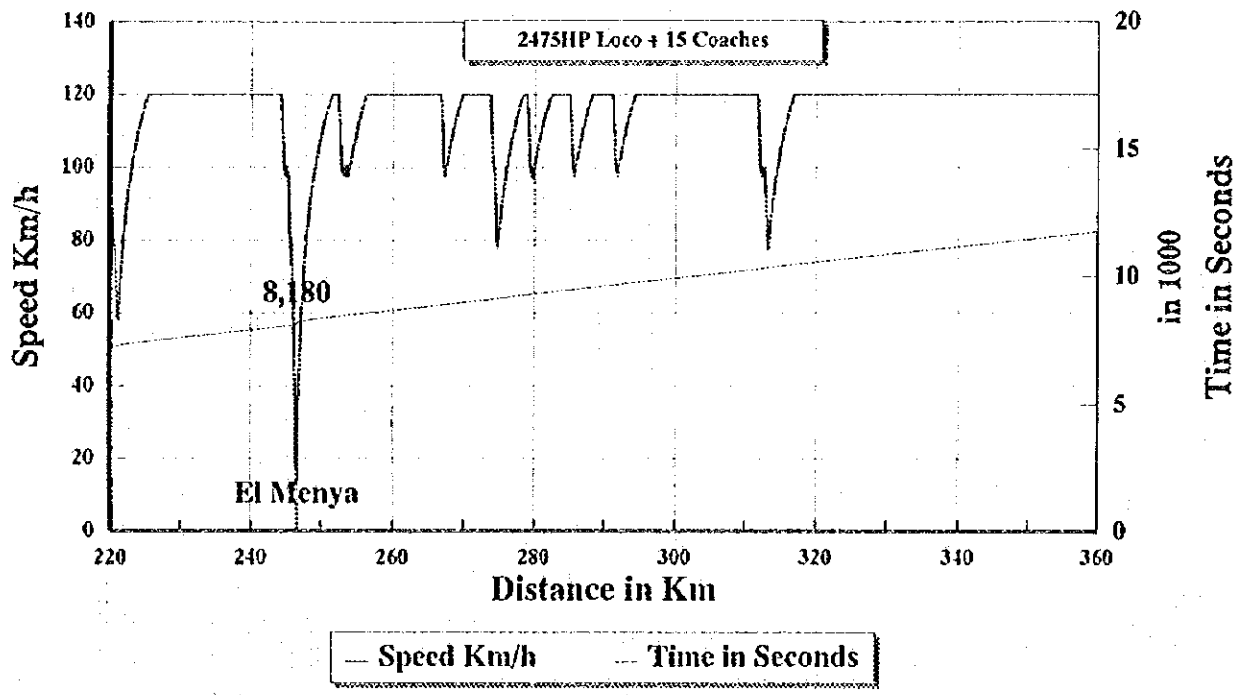




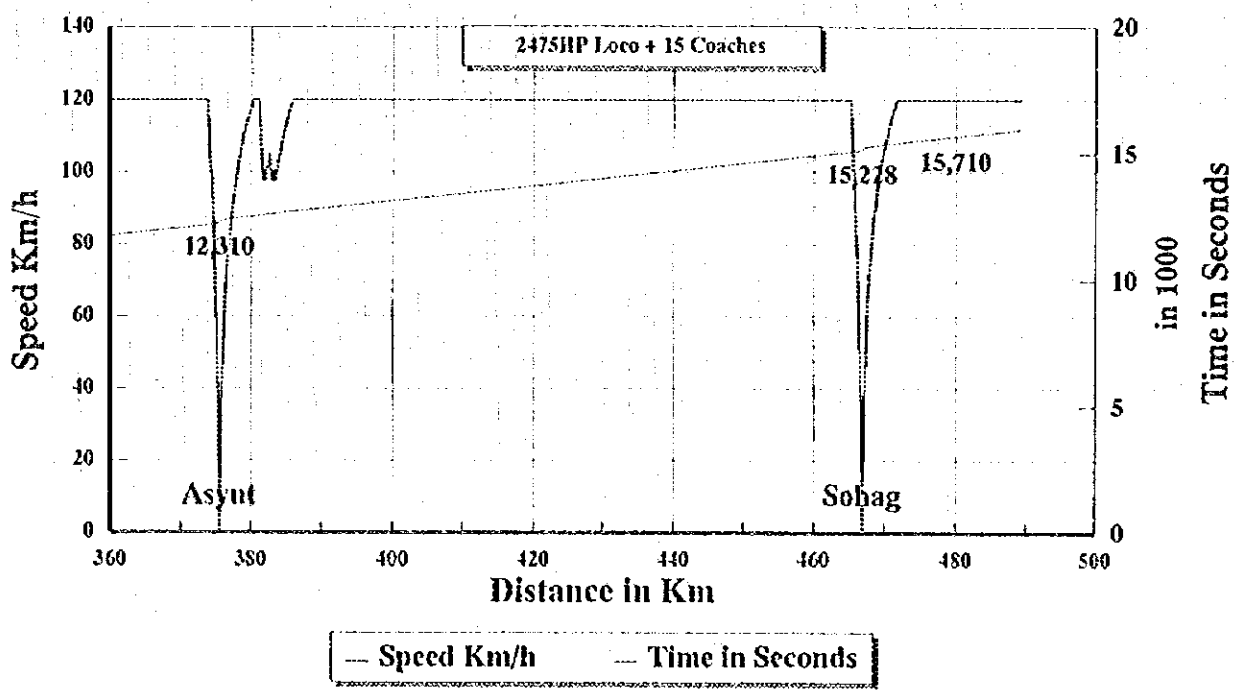
**Express Train of 15 Coaches hauled by 2475 HP Locomotive  
In case of 120 Km/h operation by speed limit**



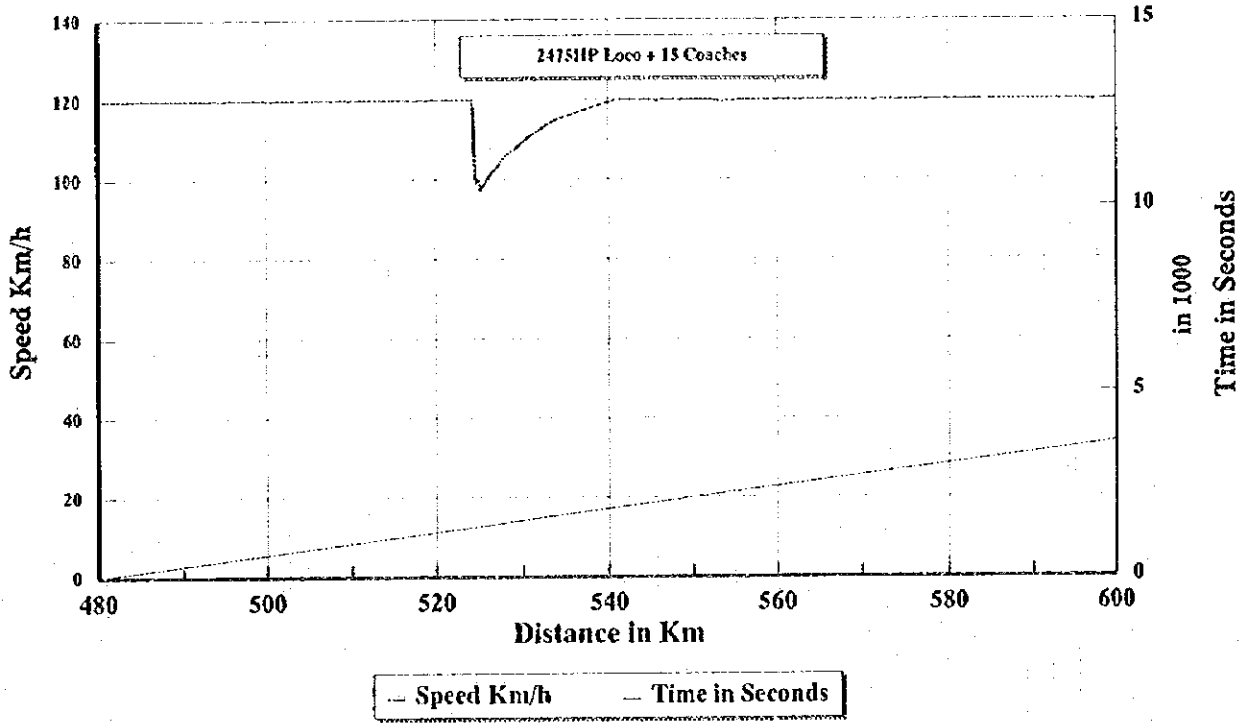
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



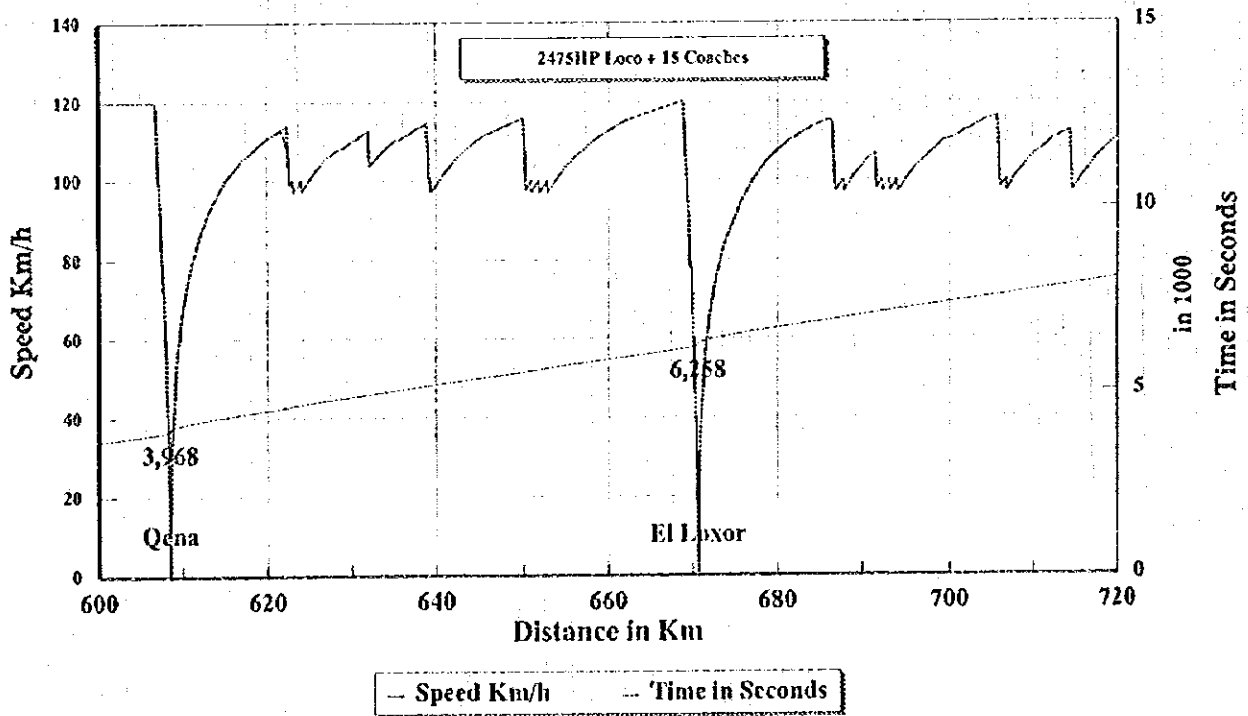
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



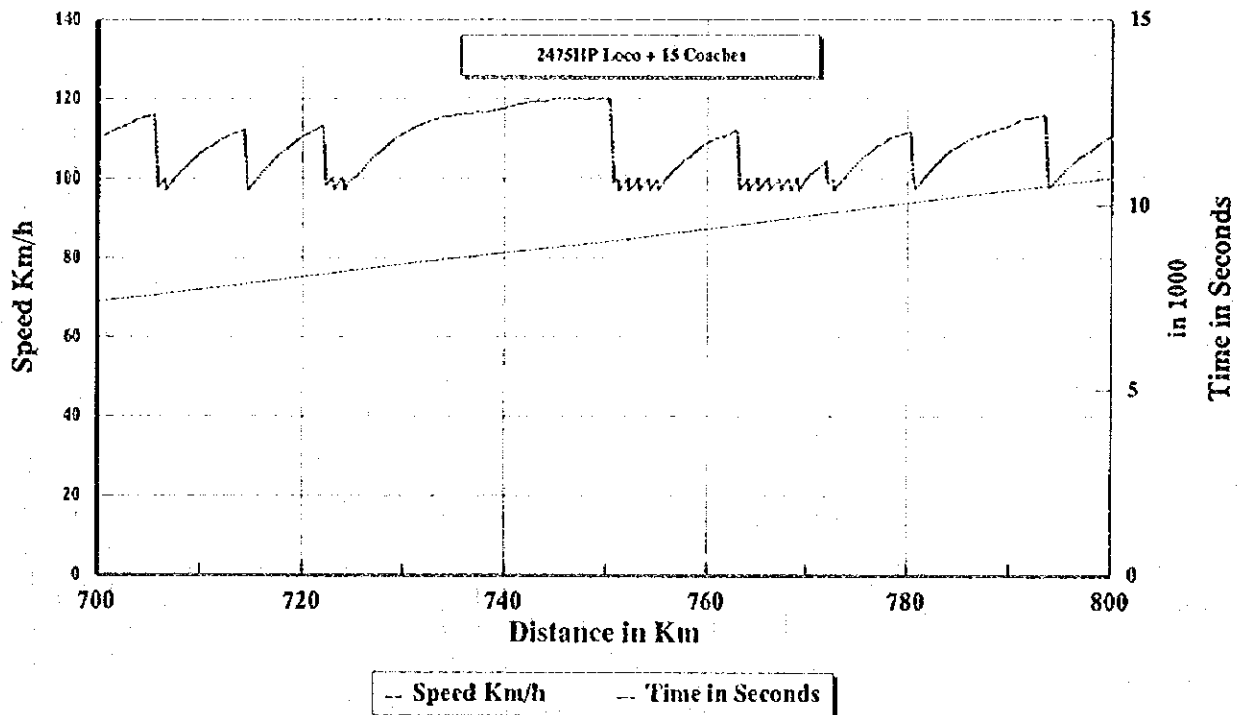
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



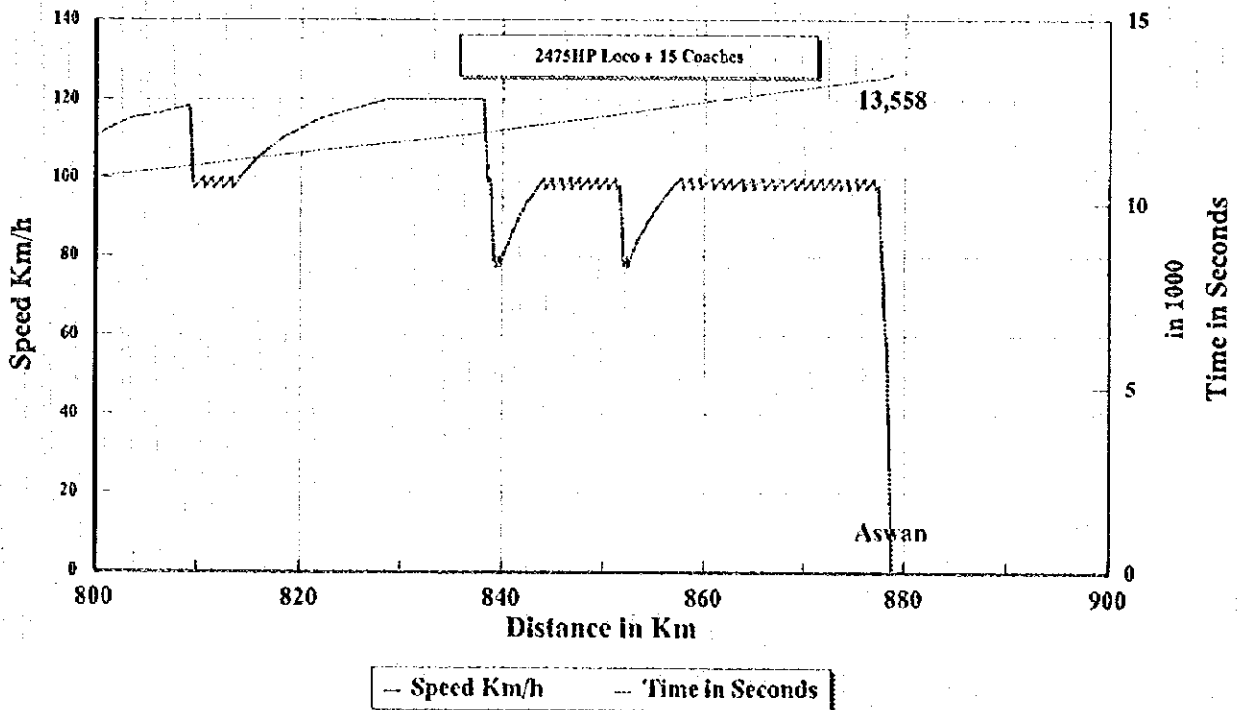
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



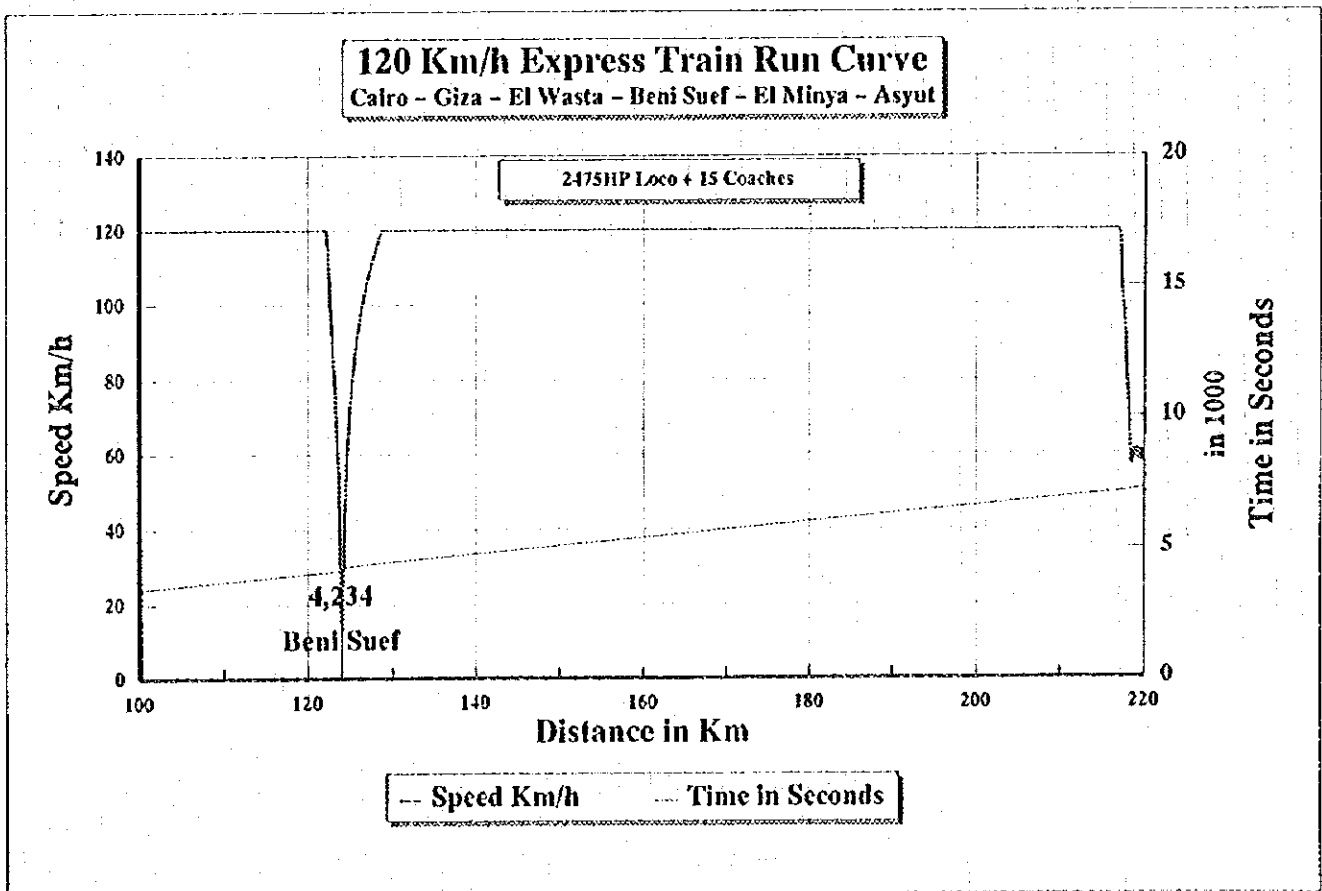
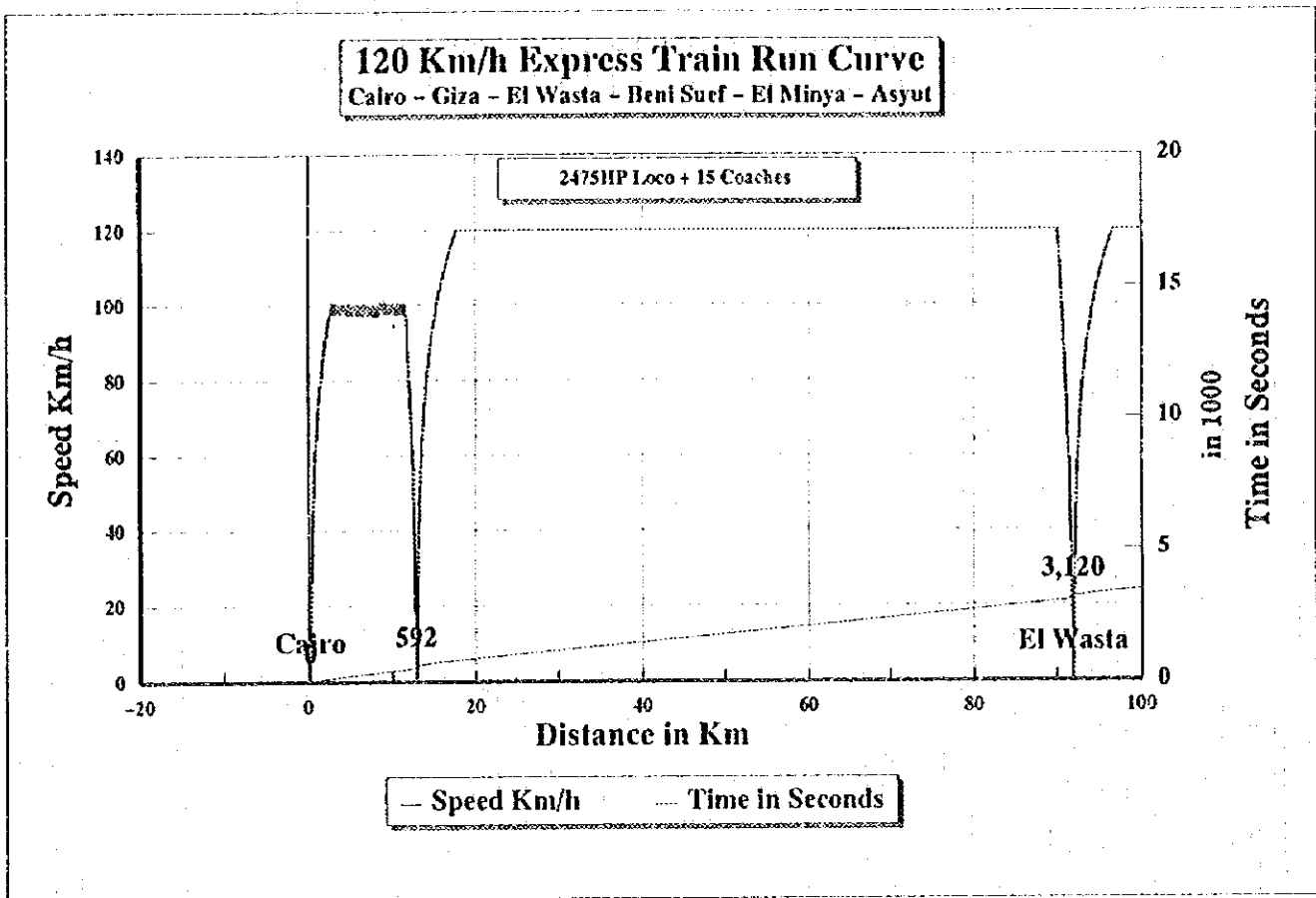
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



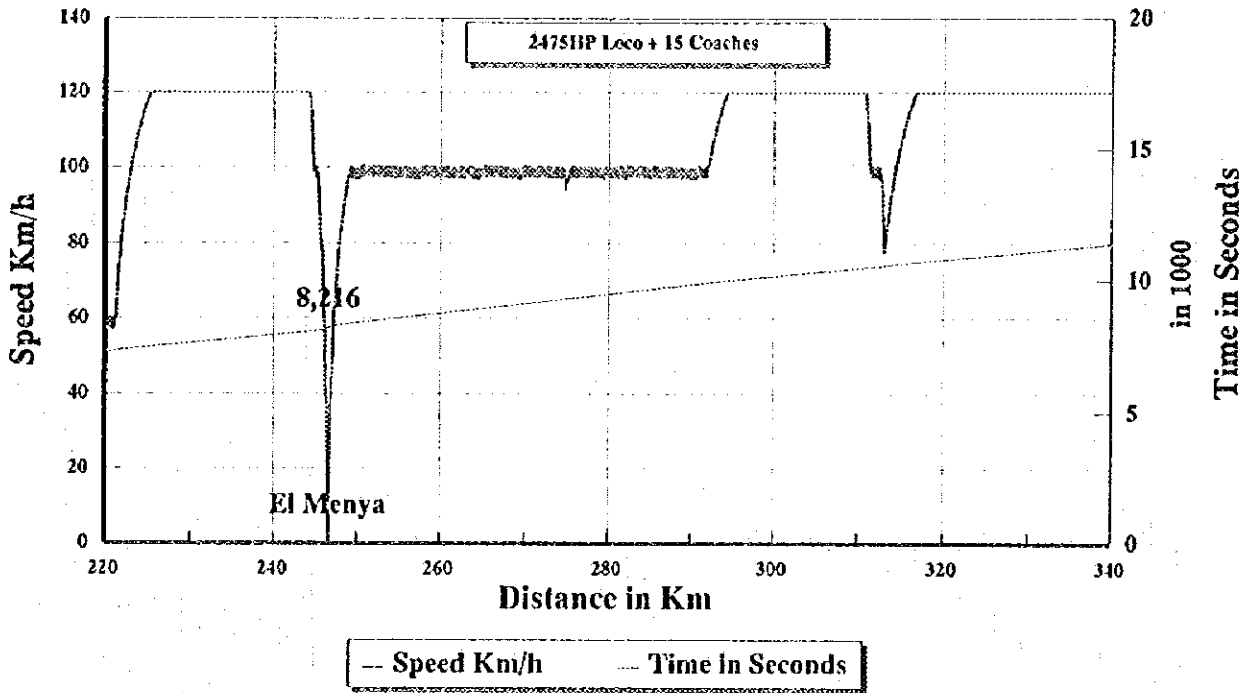
**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut



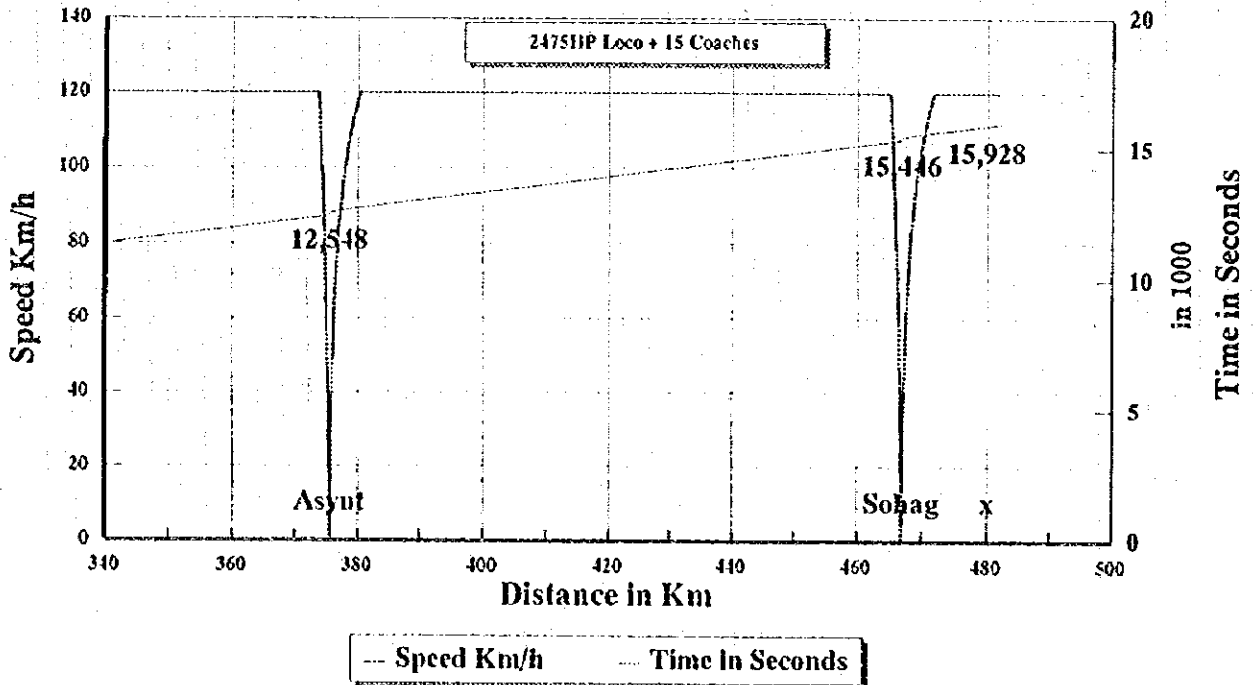
In case of 120 Km/h operation by limiting speed on partial sections

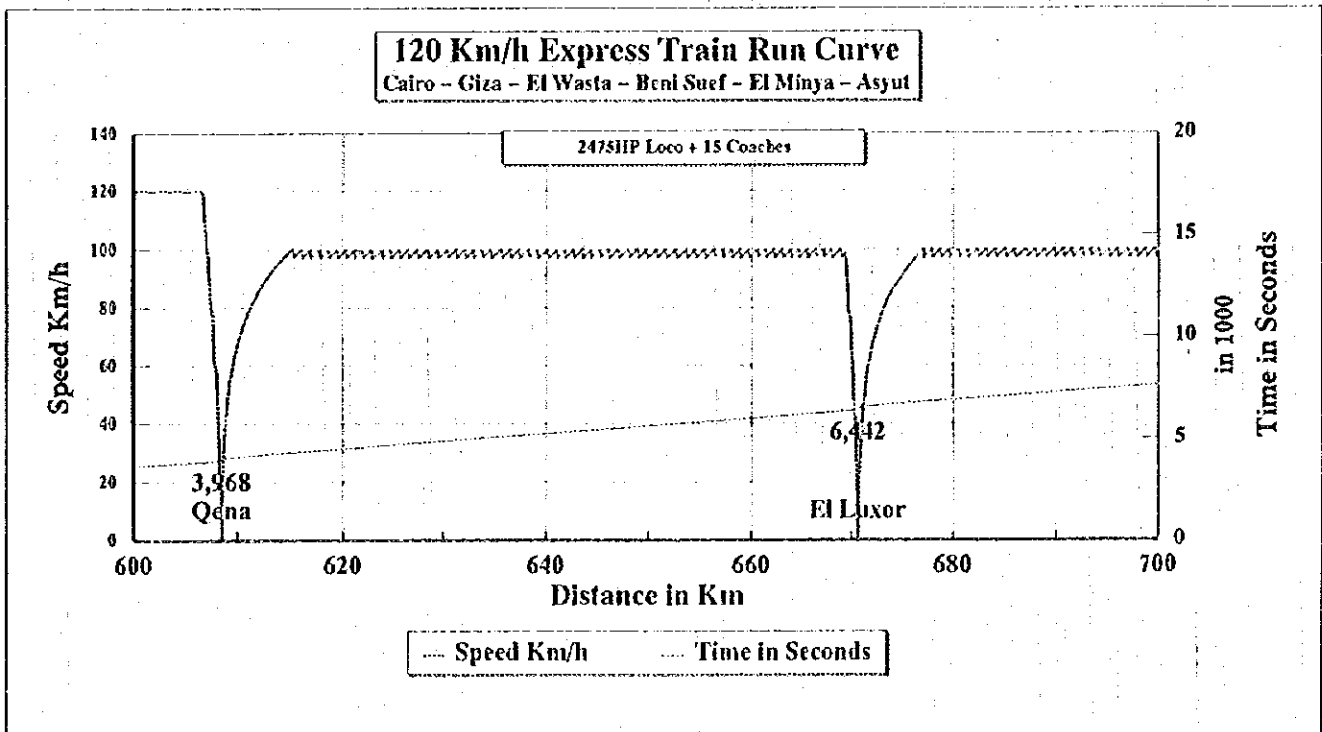
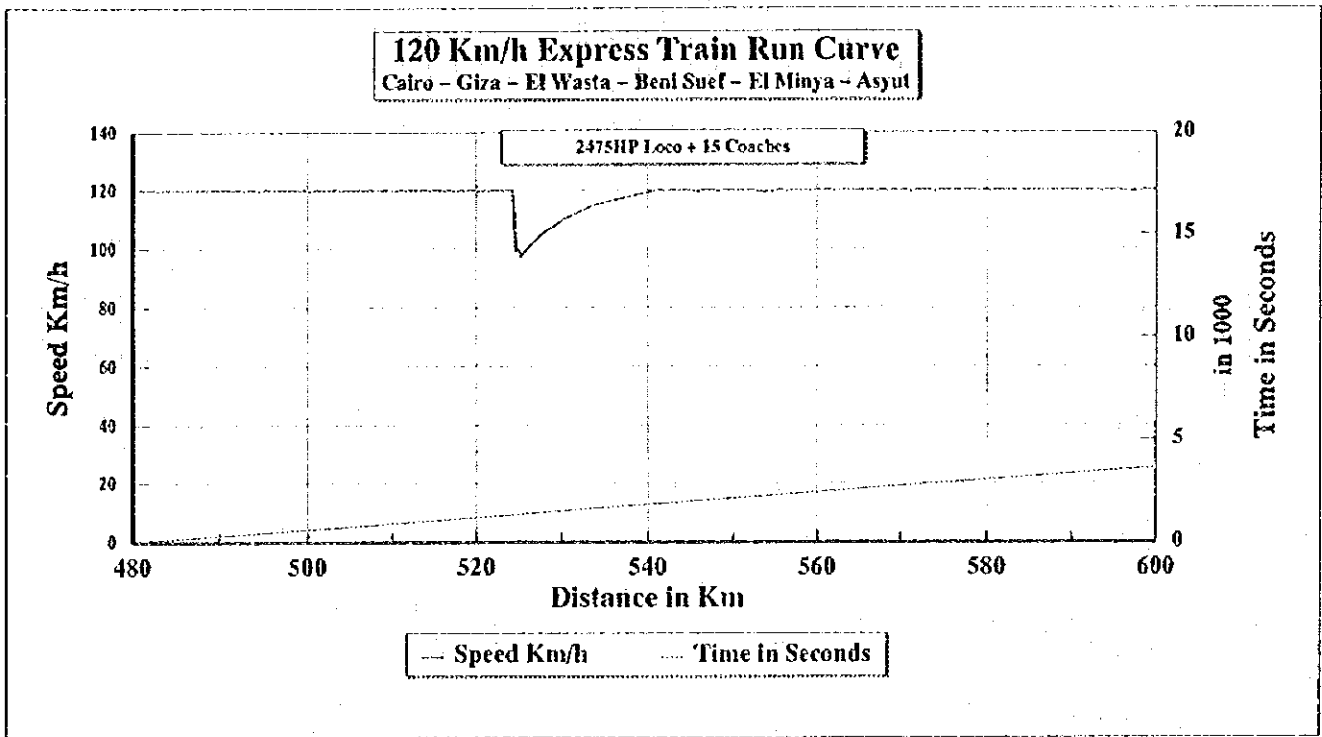


**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut

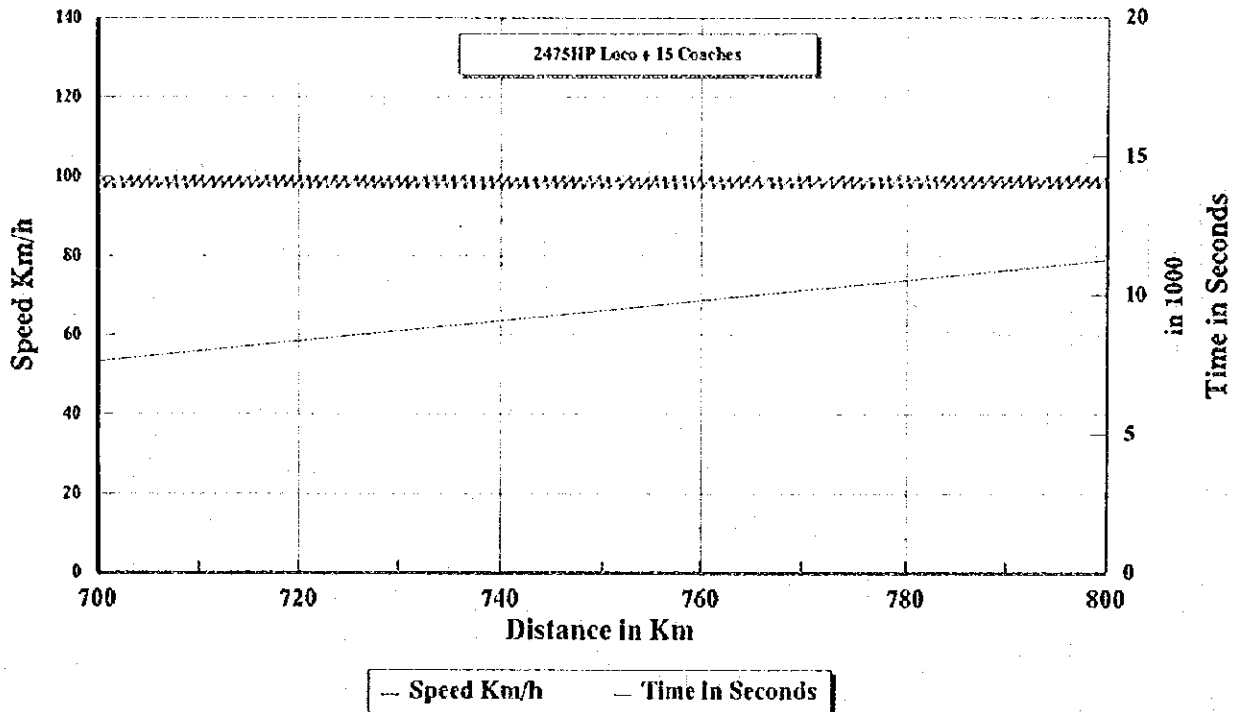


**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut

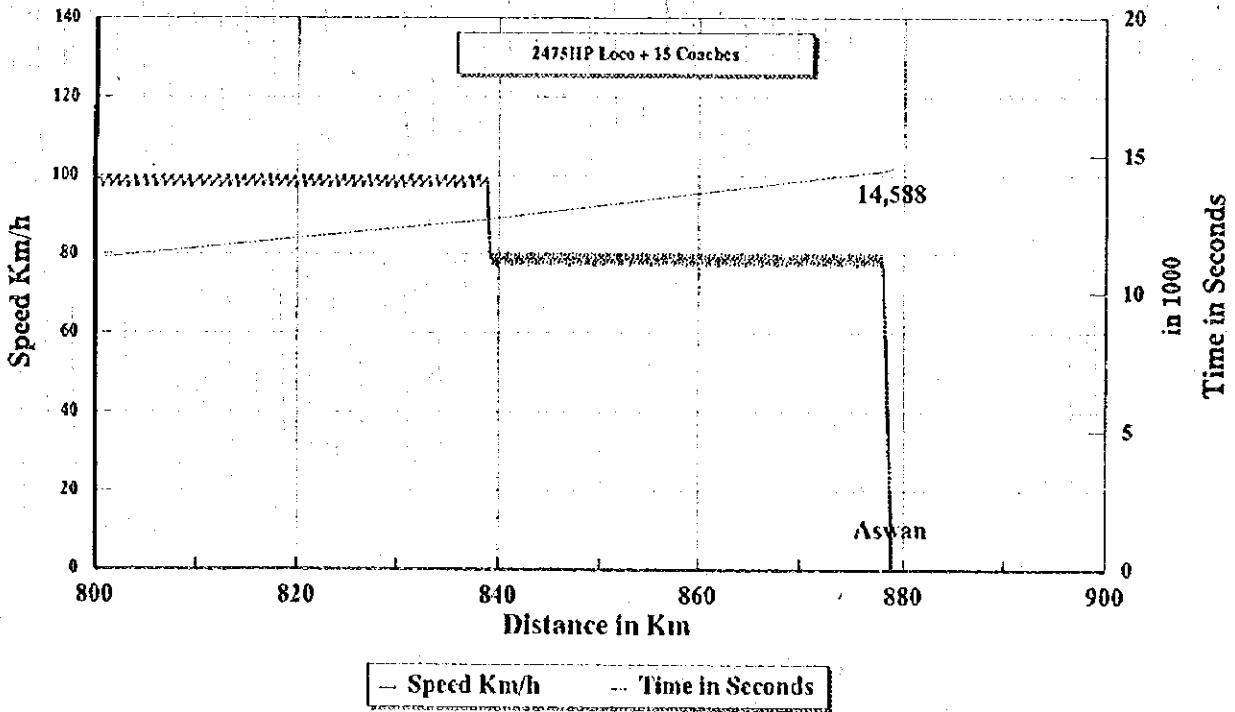




**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyot



**120 Km/h Express Train Run Curve**  
 Cairo - Giza - El Wasta - Beni Suef - El Minya - Asyut





# Appendix S 6. I. (1) Railway Passenger Interview Survey Sheet

SHEET NO. _____ DATE: _____ MONTH: _____ RECORDED BY: _____ ORIGINATED STATION OF THIS TRAIN: _____ DESTINED STATION OF THIS TRAIN: _____ DEPARTURE TIME: _____ AM/PM		RAILWAY You choose the railway today. 1. Yes 2. No How many times did you use the railway during the past one month? _____ times		First Alternative 1. No. Alternative 2. Bus 1. Yes 2. No How many times did you use the bus during the past one month? _____ times		Second Alternative 3. Shared Taxi 4. Private Car 1. Yes 2. No How many times did you use the taxi during the past one month? _____ times			
NO. NAME OF TRAIN: _____ NO. OF CARS: _____ TYPE OF TRAIN: _____ CLASS OF SEAT: _____ 1. 1st 2. 2nd 3. 2nd/AC 4. 1st 5. 1st AC 6. Unk'd TOTAL NUMBER OF PASSENGERS IN THIS TRAIN CAR: _____ NUMBER OF PASSENGERS SEATED IN THIS CAR: _____ GOVERNORATE: _____ TRAVEL ORIGINATED PLACE: _____ CITY: _____		1. How many times did you use the railway during the past one month? _____ times 2. How many times did you use the bus during the past one month? _____ times 3. How many times did you use the taxi during the past one month? _____ times 4. How many times did you use the shared taxi during the past one month? _____ times 5. How many times did you use the private car during the past one month? _____ times		1. How many times did you use the railway during the past one month? _____ times 2. How many times did you use the bus during the past one month? _____ times 3. How many times did you use the taxi during the past one month? _____ times 4. How many times did you use the shared taxi during the past one month? _____ times 5. How many times did you use the private car during the past one month? _____ times		1. How many times did you use the railway during the past one month? _____ times 2. How many times did you use the bus during the past one month? _____ times 3. How many times did you use the taxi during the past one month? _____ times 4. How many times did you use the shared taxi during the past one month? _____ times 5. How many times did you use the private car during the past one month? _____ times			
TRIP PURPOSE (Please select one purpose) 1. Home to work 2. Own business 3. Work to home 4. Employer's business 5. Home to school 6. Official 7. School to home 8. Personal and Social 9. Other to home 10. Attain 11. Other to work 12. Recreational 13. Shopping		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others	
YOUR PERSONAL MATTER Nationality: 1. Egyptian 2. Others Sex: 1. Male 2. Female Age: _____ years old Type of Job: 1. Unemployed 2. Housewife 3. Farmer/worker 4. Self-business (peddler, etc.) 5. Employee (secondary industry) 6. Employee (tertiary industry) 7. Government official 8. Student 9. Other How much was your income per month? _____ What is the total household income per month? _____ 1. 2. 3. 4. 5. 6.		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others	
PRESENT PROVINCE: _____ DISTRICT: _____ RESIDENCE: _____		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others		1. How much is the normal travel fare for the each transport mode? _____ 2. Which of the listed are dominant reasons to decide to use the railway in comparison with other modes? 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to timetable and transferring to other train or modes. 6. Safe 7. Comfort (seat, air conditioning, no smoking car, less bumping and etc) 8. Others	

Appendix S 6. 1. (2) Railway Passenger Origin Destination Survey Sheet

DAY:	DATE:	MONTH:			SHEET NO.
RECORDED BY:					
ORIGINATED STATION OF THIS TRAIN:					
DESTINED STATION OF THIS TRAIN:					
DEPARTURE TIME:			AM/PM:		
TRAIN NO.:			NO. OF TRAIN CARS:		
TYPE OF TRAIN: 1. Turbo 2. Exp. Gov. 3. Exp. Markaz 4. Ordinary 5. Other					
CLASS OF SEAT: 1. 3 rd 2. 2nd 3. 2nd, A/C 4. 1st 5. 1st, A/C 6. Unified					
TOTAL NUMBER OF PASSENGERS IN THIS TRAIN CAR:					
NUMBER OF INTERVIEWED PASSENGERS IN THE CAR:					
TRAVEL ORIGINATED PLACE	GOVERNORATE :				
	MARKAZ :				
DEPARTURE STATION					
ARRIVAL STATION					
DESTINED PLACE	GOVERNORATE :				
	MARKAZ :				
How much is the normal travel fare for the each transport modes ? _____ E. pound					
Seasonal ticket ? Y N					
Kilometer ticket ? Y N					
How long is the usual travel time from the origin place to the departure station/terminal/taxi spot? _____ hour _____ minutes					
How long is the waiting time in the station ? _____ hour _____ minutes					
How long is the travel time between the station/terminal/taxi spots ? _____ hour _____ minutes					
How long is the usual travel time from the arrival station/terminal/taxi spot to the final destination ? _____ hour _____ minutes					
TRIP PURPOSE (Please select one purpose)					
1. Home to work 2. Work to home 3. Home to school 4. School to home 5. Other to home 6. Other to work 7. Shopping					
8. Own business 9. Employer's business 10. Official 11. Personal and Social Affairs 12. Recreational 13. Others					
YOUR PERSONAL MATTER					
Nationality: 1. Egyptian 2. Others					
Sex : 1. Male 2. Female					
Age: _____ years old					
Type of Job:					
1. Unemployed 2. Housewife 3. Farmer or/and fisherman 4. Self-business (peddler, etc.)					
5. Employee (secondary industry) 6. Employee (tertiary industry) 7. Governmental official 8. Students					
9. Other( )					
How much was your income per month ?					
1. 2. 3. 4. 5. 6.					
What is the total household income per month ?					
1. 2. 3. 4. 5. 6.					
CAR OWNERSHIP: <input type="checkbox"/> No Car 1 car 2 + cars					
PRESENT	GOVERNORATE				
RESIDENCE :	MARKAZ				
What is the method of payment ?					
1. Ticket 2. Conductor 3. Seasonal 4. Kilometer					
		<input type="checkbox"/> 1 month	<input type="checkbox"/> 3 month	<input type="checkbox"/> 2,000	<input type="checkbox"/> 3,000
		<input type="checkbox"/> 6 month	<input type="checkbox"/> 9 month	<input type="checkbox"/> 5,000	<input type="checkbox"/> 10,000
		<input type="checkbox"/> 12 month			

Appendix S. 6. 2. (1) Bus Passenger Interview Survey Sheet

DAY: _____	DATE: _____	MONTH: _____	BUS		Second Alternative					
RECORDED BY: _____			YOU CHOOSE THE BUS TODAY.		1. No. Alternative 2. Railway 3. Shared Taxi 4. Private Car					
SITE: _____			1. Yes 2. No		1. Yes 2. No					
DESTINED PLACE OF BUS: _____			How many times did you use the bus during the past one month? _____ times		How many times did you use the taxi during the past one month? _____ times					
DEPARTURE TIME: _____			Station		Taxi spot					
NAME OF BUS: _____			Station		Taxi spot					
TYPE OF BUS: _____			1. hour _____ minutes 2. Don't know		2. Don't know					
1. Big (long distance) 2. Ordinary 3. Minibus			4. 1 min. b. 2 min. c. 3 min. d. 4 min. e. 5 min. f. 6 min. g. 7 min. h. 8 min. i. 9 min. j. 10 min. k. 11 min. l. 12 min. m. 13 min. n. 14 min. o. 15 min. p. 16 min. q. 17 min. r. 18 min. s. 19 min. t. 20 min. u. 21 min. v. 22 min. w. 23 min. x. 24 min. y. 25 min. z. 26 min. aa. 27 min. ab. 28 min. ac. 29 min. ad. 30 min. ae. 31 min. af. 32 min. ag. 33 min. ah. 34 min. ai. 35 min. aj. 36 min. ak. 37 min. al. 38 min. am. 39 min. an. 40 min. ao. 41 min. ap. 42 min. aq. 43 min. ar. 44 min. as. 45 min. at. 46 min. au. 47 min. av. 48 min. aw. 49 min. ax. 50 min. ay. 51 min. az. 52 min. ba. 53 min. bb. 54 min. bc. 55 min. bd. 56 min. be. 57 min. bf. 58 min. bg. 59 min. bh. 60 min. bi. 61 min. bj. 62 min. bk. 63 min. bl. 64 min. bm. 65 min. bn. 66 min. bo. 67 min. bp. 68 min. bq. 69 min. br. 70 min. bs. 71 min. bt. 72 min. bu. 73 min. bv. 74 min. bw. 75 min. bx. 76 min. by. 77 min. bz. 78 min. ca. 79 min. cb. 80 min. cc. 81 min. cd. 82 min. ce. 83 min. cf. 84 min. cg. 85 min. ch. 86 min. ci. 87 min. cj. 88 min. ck. 89 min. cl. 90 min. cm. 91 min. cn. 92 min. co. 93 min. cp. 94 min. cq. 95 min. cr. 96 min. cs. 97 min. ct. 98 min. cu. 99 min. cv. 100 min. cw. 101 min. cx. 102 min. cy. 103 min. cz. 104 min. da. 105 min. db. 106 min. dc. 107 min. dd. 108 min. de. 109 min. df. 110 min. dg. 111 min. dh. 112 min. di. 113 min. dj. 114 min. dk. 115 min. dl. 116 min. dm. 117 min. dn. 118 min. do. 119 min. dp. 120 min. dq. 121 min. dr. 122 min. ds. 123 min. dt. 124 min. du. 125 min. dv. 126 min. dw. 127 min. dx. 128 min. dy. 129 min. dz. 130 min. ea. 131 min. eb. 132 min. ec. 133 min. ed. 134 min. ee. 135 min. ef. 136 min. eg. 137 min. eh. 138 min. ei. 139 min. ej. 140 min. ek. 141 min. el. 142 min. em. 143 min. en. 144 min. eo. 145 min. ep. 146 min. eq. 147 min. er. 148 min. es. 149 min. et. 150 min. eu. 151 min. ev. 152 min. ew. 153 min. ex. 154 min. ey. 155 min. ez. 156 min. fa. 157 min. fb. 158 min. fc. 159 min. fd. 160 min. fe. 161 min. ff. 162 min. fg. 163 min. fh. 164 min. fi. 165 min. fj. 166 min. fk. 167 min. fl. 168 min. fm. 169 min. fn. 170 min. fo. 171 min. fp. 172 min. fq. 173 min. fr. 174 min. fs. 175 min. ft. 176 min. fu. 177 min. fv. 178 min. fw. 179 min. fx. 180 min. fy. 181 min. fz. 182 min. ga. 183 min. gb. 184 min. gc. 185 min. gd. 186 min. ge. 187 min. gf. 188 min. gg. 189 min. gh. 190 min. gi. 191 min. gj. 192 min. gk. 193 min. gl. 194 min. gm. 195 min. gn. 196 min. go. 197 min. gp. 198 min. gq. 199 min. gr. 200 min. gs. 201 min. gt. 202 min. gu. 203 min. gv. 204 min. gw. 205 min. gx. 206 min. gy. 207 min. gz. 208 min. ha. 209 min. hb. 210 min. hc. 211 min. hd. 212 min. he. 213 min. hf. 214 min. hg. 215 min. hh. 216 min. hi. 217 min. hj. 218 min. hk. 219 min. hl. 220 min. hm. 221 min. hn. 222 min. ho. 223 min. hp. 224 min. hq. 225 min. hr. 226 min. hs. 227 min. ht. 228 min. hu. 229 min. hv. 230 min. hw. 231 min. hx. 232 min. hy. 233 min. hz. 234 min. ia. 235 min. ib. 236 min. ic. 237 min. id. 238 min. ie. 239 min. if. 240 min. ig. 241 min. ih. 242 min. ii. 243 min. ij. 244 min. ik. 245 min. il. 246 min. im. 247 min. in. 248 min. io. 249 min. ip. 250 min. iq. 251 min. ir. 252 min. is. 253 min. it. 254 min. iu. 255 min. iv. 256 min. iw. 257 min. ix. 258 min. iy. 259 min. iz. 260 min. ja. 261 min. jb. 262 min. jc. 263 min. jd. 264 min. je. 265 min. jf. 266 min. jg. 267 min. jh. 268 min. ji. 269 min. jj. 270 min. jk. 271 min. jl. 272 min. jm. 273 min. jn. 274 min. jo. 275 min. jp. 276 min. jq. 277 min. jr. 278 min. js. 279 min. jt. 280 min. ju. 281 min. jv. 282 min. jw. 283 min. jx. 284 min. jy. 285 min. jz. 286 min. ka. 287 min. kb. 288 min. kc. 289 min. kd. 290 min. ke. 291 min. kf. 292 min. kg. 293 min. kh. 294 min. ki. 295 min. kj. 296 min. kl. 297 min. km. 298 min. kn. 299 min. ko. 300 min. kp. 301 min. kq. 302 min. kr. 303 min. ks. 304 min. kt. 305 min. ku. 306 min. kv. 307 min. kw. 308 min. kx. 309 min. ky. 310 min. kz. 311 min. la. 312 min. lb. 313 min. lc. 314 min. ld. 315 min. le. 316 min. lf. 317 min. lg. 318 min. lh. 319 min. li. 320 min. lj. 321 min. lk. 322 min. ll. 323 min. lm. 324 min. ln. 325 min. lo. 326 min. lp. 327 min. lq. 328 min. lr. 329 min. ls. 330 min. lt. 331 min. lu. 332 min. lv. 333 min. lw. 334 min. lx. 335 min. ly. 336 min. lz. 337 min. ma. 338 min. mb. 339 min. mc. 340 min. md. 341 min. me. 342 min. mf. 343 min. mg. 344 min. mh. 345 min. mi. 346 min. mj. 347 min. mk. 348 min. ml. 349 min. mn. 350 min. mo. 351 min. mp. 352 min. mq. 353 min. mr. 354 min. ms. 355 min. mt. 356 min. mu. 357 min. mv. 358 min. mw. 359 min. mx. 360 min. my. 361 min. mz. 362 min. na. 363 min. nb. 364 min. nc. 365 min. nd. 366 min. ne. 367 min. nf. 368 min. ng. 369 min. nh. 370 min. ni. 371 min. nj. 372 min. nk. 373 min. nl. 374 min. nm. 375 min. no. 376 min. np. 377 min. nq. 378 min. nr. 379 min. ns. 380 min. nt. 381 min. nu. 382 min. nv. 383 min. nw. 384 min. nx. 385 min. ny. 386 min. nz. 387 min. oa. 388 min. ob. 389 min. oc. 390 min. od. 391 min. oe. 392 min. of. 393 min. og. 394 min. oh. 395 min. oi. 396 min. oj. 397 min. ok. 398 min. ol. 399 min. om. 400 min. on. 401 min. oo. 402 min. op. 403 min. oq. 404 min. or. 405 min. os. 406 min. ot. 407 min. ou. 408 min. ov. 409 min. ow. 410 min. ox. 411 min. oy. 412 min. oz. 413 min. pa. 414 min. pb. 415 min. pc. 416 min. pd. 417 min. pe. 418 min. pf. 419 min. pg. 420 min. ph. 421 min. pi. 422 min. pj. 423 min. pk. 424 min. pl. 425 min. pm. 426 min. pn. 427 min. po. 428 min. pp. 429 min. pq. 430 min. pr. 431 min. ps. 432 min. pt. 433 min. pu. 434 min. pv. 435 min. pw. 436 min. px. 437 min. py. 438 min. pz. 439 min. qa. 440 min. qb. 441 min. qc. 442 min. qd. 443 min. qe. 444 min. qf. 445 min. qg. 446 min. qh. 447 min. qi. 448 min. qj. 449 min. qk. 450 min. ql. 451 min. qm. 452 min. qn. 453 min. qo. 454 min. qp. 455 min. qq. 456 min. qr. 457 min. qs. 458 min. qt. 459 min. qu. 460 min. qv. 461 min. qw. 462 min. qx. 463 min. qy. 464 min. qz. 465 min. ra. 466 min. rb. 467 min. rc. 468 min. rd. 469 min. re. 470 min. rf. 471 min. rg. 472 min. rh. 473 min. ri. 474 min. rj. 475 min. rk. 476 min. rl. 477 min. rm. 478 min. rn. 479 min. ro. 480 min. rp. 481 min. rq. 482 min. rr. 483 min. rs. 484 min. rt. 485 min. ru. 486 min. rv. 487 min. rw. 488 min. rx. 489 min. ry. 490 min. rz. 491 min. sa. 492 min. sb. 493 min. sc. 494 min. sd. 495 min. se. 496 min. sf. 497 min. sg. 498 min. sh. 499 min. si. 500 min. sj. 501 min. sk. 502 min. sl. 503 min. sm. 504 min. sn. 505 min. so. 506 min. sp. 507 min. sq. 508 min. sr. 509 min. ss. 510 min. st. 511 min. su. 512 min. sv. 513 min. sw. 514 min. sx. 515 min. sy. 516 min. sz. 517 min. ta. 518 min. tb. 519 min. tc. 520 min. td. 521 min. te. 522 min. tf. 523 min. tg. 524 min. th. 525 min. ti. 526 min. tj. 527 min. tk. 528 min. tl. 529 min. tm. 530 min. tn. 531 min. to. 532 min. tp. 533 min. tq. 534 min. tr. 535 min. ts. 536 min. tu. 537 min. tv. 538 min. tw. 539 min. tx. 540 min. ty. 541 min. tz. 542 min. ua. 543 min. ub. 544 min. uc. 545 min. ud. 546 min. ue. 547 min. uf. 548 min. ug. 549 min. uh. 550 min. ui. 551 min. uj. 552 min. uk. 553 min. ul. 554 min. um. 555 min. un. 556 min. uo. 557 min. up. 558 min. uq. 559 min. ur. 560 min. us. 561 min. ut. 562 min. uu. 563 min. uv. 564 min. uw. 565 min. ux. 566 min. uy. 567 min. uz. 568 min. va. 569 min. vb. 570 min. vc. 571 min. vd. 572 min. ve. 573 min. vf. 574 min. vg. 575 min. vh. 576 min. vi. 577 min. vj. 578 min. vk. 579 min. vl. 580 min. vm. 581 min. vn. 582 min. vo. 583 min. vp. 584 min. vq. 585 min. vr. 586 min. vs. 587 min. vt. 588 min. vu. 589 min. vv. 590 min. vw. 591 min. vx. 592 min. vy. 593 min. vz. 594 min. wa. 595 min. wb. 596 min. wc. 597 min. wd. 598 min. we. 599 min. wf. 600 min. wg. 601 min. wh. 602 min. wi. 603 min. wj. 604 min. wk. 605 min. wl. 606 min. wm. 607 min. wn. 608 min. wo. 609 min. wp. 610 min. wq. 611 min. wr. 612 min. ws. 613 min. wt. 614 min. wu. 615 min. wv. 616 min. ww. 617 min. wx. 618 min. wy. 619 min. wz. 620 min. xa. 621 min. xb. 622 min. xc. 623 min. xd. 624 min. xe. 625 min. xf. 626 min. xg. 627 min. xh. 628 min. xi. 629 min. xj. 630 min. xk. 631 min. xl. 632 min. xm. 633 min. xn. 634 min. xo. 635 min. xp. 636 min. xq. 637 min. xr. 638 min. xs. 639 min. xt. 640 min. xu. 641 min. xv. 642 min. xw. 643 min. xy. 644 min. xz. 645 min. ya. 646 min. yb. 647 min. yc. 648 min. yd. 649 min. ye. 650 min. yf. 651 min. yg. 652 min. yh. 653 min. yi. 654 min. yj. 655 min. yk. 656 min. yl. 657 min. ym. 658 min. yn. 659 min. yo. 660 min. yp. 661 min. yq. 662 min. yr. 663 min. ys. 664 min. yt. 665 min. yu. 666 min. yv. 667 min. yw. 668 min. yx. 669 min. yy. 670 min. yz. 671 min. za. 672 min. zb. 673 min. zc. 674 min. zd. 675 min. ze. 676 min. zf. 677 min. zg. 678 min. zh. 679 min. zi. 680 min. zj. 681 min. zk. 682 min. zl. 683 min. zm. 684 min. zn. 685 min. zo. 686 min. zp. 687 min. zq. 688 min. zr. 689 min. zs. 690 min. zt. 691 min. zu. 692 min. zv. 693 min. zw. 694 min. zx. 695 min. zy. 696 min. zz.		1. Available All Times 2. Travel Cost (the cost is reasonable in comparison with other modes) 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to time table and transferring to other train or modes. 6. Safe. 7. Comfort (heat, air conditioning, no smoking car, less bumping and etc.) 8. Others		1. Available All Times 2. Travel Cost (the cost is reasonable in comparison with other modes) 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to time table and transferring to other train or modes. 6. Safe. 7. Comfort (heat, air conditioning, no smoking car, less bumping and etc.) 8. Others		1. Available All Times 2. Travel Cost (the cost is reasonable in comparison with other modes) 3. There is no other alternative. 4. Travel Time (the travel time is faster and suitable for your travel purpose) 5. Convenience with regard to time table and transferring to other train or modes. 6. Safe. 7. Comfort (heat, air conditioning, no smoking car, less bumping and etc.) 8. Others	
TRIP PURPOSE (Please select one purpose)			1. Home to work		1. Home to work					
2. Work to home			2. Work to home		2. Work to home					
3. Home to school			3. Home to school		3. Home to school					
4. School to home			4. School to home		4. School to home					
5. Other to home			5. Other to home		5. Other to home					
6. Other to work			6. Other to work		6. Other to work					
7. Shopping			7. Shopping		7. Shopping					
8. Own business			8. Own business		8. Own business					
9. Employer's business			9. Employer's business		9. Employer's business					
10. Official			10. Official		10. Official					
11. Personal and Social Affairs			11. Personal and Social Affairs		11. Personal and Social Affairs					
12. Recreational			12. Recreational		12. Recreational					
13. Others			13. Others		13. Others					
YOUR PERSONAL MATTER			1. Egyptian		1. Egyptian					
Nationality:			2. Others		2. Others					
Sex:			1. Male		1. Male					
2. Female			2. Female		2. Female					
Age:			_____ years old		_____ years old					
Type of job:			1. Unemployed		1. Unemployed					
2. Housewife			2. Housewife		2. Housewife					
3. Farmer or/and fisherman			3. Farmer or/and fisherman		3. Farmer or/and fisherman					
4. Self-employed (peddler, etc.)			4. Self-employed (peddler, etc.)		4. Self-employed (peddler, etc.)					
5. Employee (secondary industry)			5. Employee (secondary industry)		5. Employee (secondary industry)					
6. Employee (tertiary industry)			6. Employee (tertiary industry)		6. Employee (tertiary industry)					
7. Government official			7. Government official		7. Government official					
8. Student			8. Student		8. Student					
9. Other			9. Other		9. Other					
How much was your income per month?			1. 2. 3. 4. 5. 6.		1. 2. 3. 4. 5. 6.					
What is the total household income per month?			1. 2. 3. 4. 5. 6.		1. 2. 3. 4. 5. 6.					
CAR OWNERSHIP: 1. Zero Car 2. One Car			1. Zero Car 2. One Car		1. Zero Car 2. One Car					
PRESENT RESIDENCE: CITY _____			GOVERNORATE: _____		GOVERNORATE: _____					









JICA