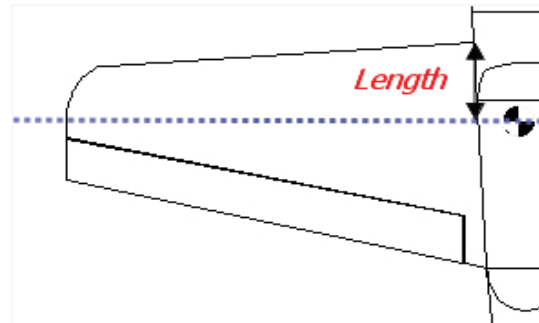
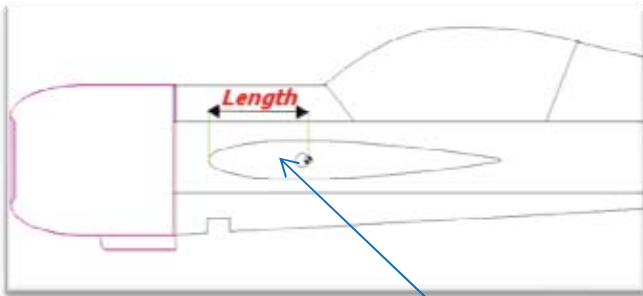


The CG list of Pilot-RC products



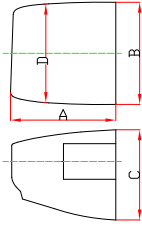
This recommendation balance point is for your first flight. The CG can be moved around to fit your personal taste.

| PLANE | CG location |
|--------------------|-----------------|
| DECATHLON 107" | 133mm/5.2inch |
| DECATHLON 122" | 145 mm/5.7inch |
| DECATHLON 150" | 182 mm/7.2inch |
| DECATHLON 180" | 217 mm/8.5inch |
| YAKM55 73" | 165mm/6.5inch |
| YAKM55 88" | 216 mm/8.5inch |
| YAKM55 107" | 267 mm/10.5inch |
| YAKM55 122" | 287mm/11.3inch |
| YAK-54 53" | 126mm/5.0 inch |
| YAK-54 73" | 156 mm/6.1inch |
| YAK-54 87" | 183 mm/7.2inch |
| YAK-54 107" | 225 mm/8.9inch |
| YAK-54 121" | 266 mm/10.5inch |
| YAK-54 129" | 273 mm/10.7inch |
| YAK-54 148" | 314 mm/12.4inch |
| YAK-54 180" | 401 mm/15.8inch |
| EXTRA-300/330 73" | 154mm/6.06inch |
| EXTRA-300/330 88" | 170mm/6.7inch |
| EXTRA-300/330 107" | 211mm/8.3inch |
| EXTRA-300/330 122" | 236mm/9.3inch |
| Sbach 342 53" | 132mm/5.2inch |
| Sbach 342 73" | 145mm/5.7inch |
| Sbach 342 87" | 173mm/6.8inch |
| Sbach 342 107" | 234mm/9.2inch |
| Sbach 342 122" | 269mm/10.6inch |
| Sbach 342 148" | 305mm/12 inch |

| | |
|-------------------|-----------------|
| Skywolf-88" | 155mm/6.1inch |
| Columbia 400 128" | 136mm/5.35inch |
| Columbia 400 150" | 141mm/5.6inch |
| Edge-540 73" | 116mm/4.5inch |
| Edge-540 87" | 136mm/5.35inch |
| Edge-540 107" | 141mm/5.6inch |
| Edge-540 122" | 166mm/6.5inch |
| EXTRA-260 73" | 140mm/5.51 inch |
| EXTRA-260 87" | 170mm/6.7inch |
| EXTRA-260 106" | 202mm/7.95inch |
| EXTRA-260 122" | 248mm/9.8inch |

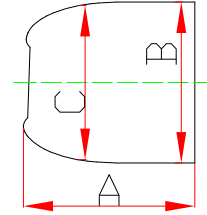


The location of CG has been marked inside plane as show. Usually it is near the wing tube.



unit:mm

| SN | plane | A | B | C | D |
|----|-------------|-----|-----|-----|-----|
| 1 | 260-73 | 241 | 220 | 195 | 223 |
| 2 | 260-87 | 296 | 263 | 232 | 265 |
| 3 | 260-97 | 330 | 293 | 259 | 290 |
| 4 | 260-106 | 360 | 320 | 283 | 325 |
| 5 | 260-122 | 415 | 367 | 326 | 372 |
| 6 | 300-73 | 245 | 236 | 207 | 210 |
| 7 | 300-88 | 292 | 283 | 251 | 253 |
| 8 | 300-107 | 357 | 343 | 302 | 315 |
| 9 | 300-122 | 406 | 393 | 343 | 350 |
| 10 | 330-60 | 199 | 193 | 170 | 183 |
| 11 | 330-67 | 221 | 216 | 189 | 208 |
| 12 | 330-73 | 245 | 236 | 207 | 230 |
| 13 | 330-78 | 262 | 252 | 221 | 241 |
| 14 | 330-78V2 | 262 | 252 | 221 | 241 |
| 15 | 330-88 | 292 | 283 | 251 | 275 |
| 16 | 330-92 | 305 | 297 | 261 | 287 |
| 17 | 330-92V2 | 305 | 297 | 261 | 287 |
| 18 | 330-107 | 357 | 343 | 302 | 325 |
| 19 | 330-107V2 | 357 | 343 | 302 | 325 |
| 20 | 330LX-107 | 357 | 343 | 302 | 325 |
| 21 | 330-122 | 406 | 393 | 343 | 380 |
| 22 | 342-53 | 159 | 141 | 138 | 138 |
| 23 | 342-73 | 230 | 217 | 199 | 218 |
| 24 | 342-87 | 274 | 258 | 237 | 256 |
| 25 | 342-107 | 337 | 318 | 279 | 319 |
| 26 | 342-122 | 385 | 363 | 318 | 366 |
| 27 | 342-148 | 400 | 435 | 400 | 430 |
| 28 | 540-87 | 277 | 248 | 266 | 248 |
| 29 | 540-107 | 341 | 305 | 340 | 300 |
| 30 | 540-122 | 389 | 359 | 374 | 355 |
| 31 | 540V3-60 | 180 | 175 | 205 | 173 |
| 32 | 540V3-67 | 204 | 184 | 271 | 185 |
| 33 | 540V3-78 | 250 | 224 | 266 | 222 |
| 34 | 540V3-92 | 294 | 265 | 314 | 275 |
| 35 | 540V3-107 | 341 | 307 | 363 | 305 |
| 36 | DEC-107 | 211 | 220 | 264 | 223 |
| 37 | DEC-122 | 236 | 251 | 302 | 255 |
| 38 | DEC-150 | 293 | 320 | 374 | 328 |
| 39 | DEC-180 | 351 | 385 | 448 | 395 |
| 40 | K-106 | 287 | 309 | 276 | 95 |
| 41 | K-122 | 330 | 356 | 316 | 360 |
| 42 | F6F | 251 | 246 | 321 | 235 |
| 43 | 400-150 | 287 | 341 | 257 | 303 |
| 44 | SKY-WOLF-88 | 225 | 177 | 227 | 166 |

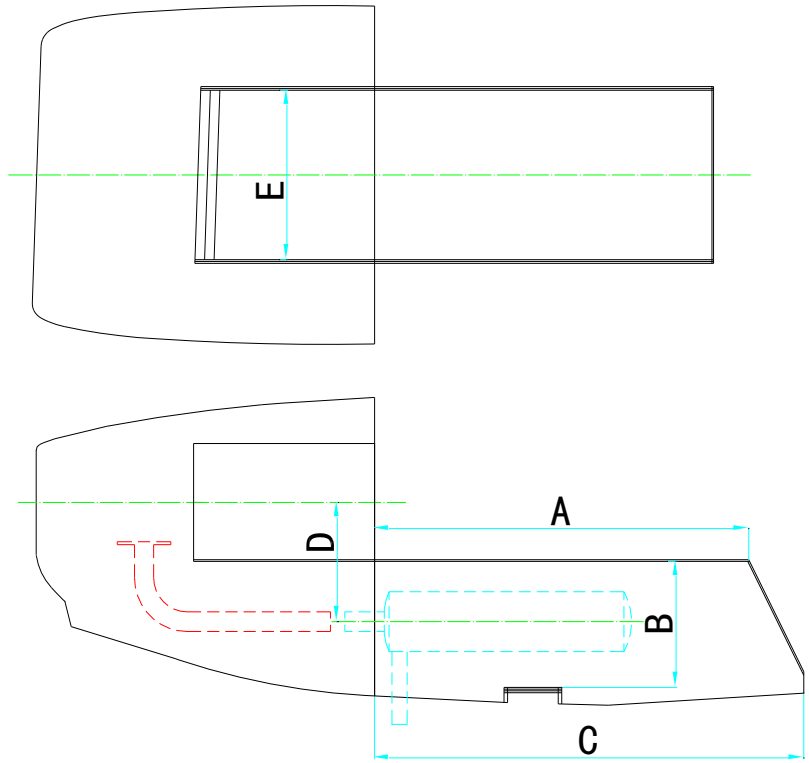


unit:mm

| SN | plane | A | B | C |
|----|------------|-----|-------|-------|
| 1 | YAK54-53 | 155 | ∅ 140 | ∅ 133 |
| 2 | YAK54-73 | 260 | ∅ 224 | ∅ 222 |
| 3 | YAK54-87 | 302 | ∅ 263 | ∅ 250 |
| 4 | YAK54-97 | 330 | ∅ 287 | ∅ 282 |
| 5 | YAK54-107 | 380 | ∅ 330 | ∅ 323 |
| 6 | YAK54-121 | 433 | ∅ 373 | ∅ 360 |
| 7 | YAK54-129 | 441 | ∅ 397 | ∅ 375 |
| 8 | YAK54-148 | 423 | ∅ 456 | ∅ 440 |
| 9 | YAK54-180 | 512 | ∅ 555 | ∅ 535 |
| 10 | YAK55-88 | 342 | ∅ 264 | ∅ 273 |
| 11 | YAK55-106 | 399 | ∅ 322 | ∅ 326 |
| 12 | YAK55-122 | 370 | ∅ 374 | ∅ 380 |
| 13 | YAK55M-122 | 413 | ∅ 375 | ∅ 372 |

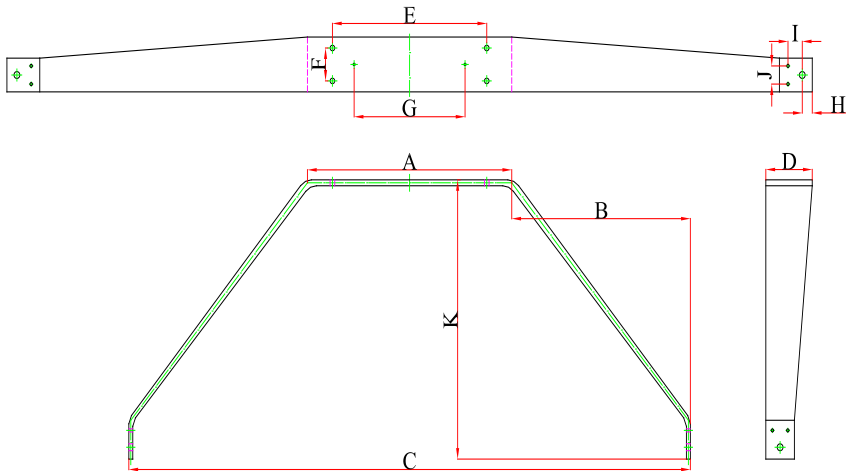
Pilot-RC product canister /header detail

| unit:mm | | | | | | |
|---------|-------------|-----|-----|-----|-----|------|
| No. | plane | A | B | C | D | E |
| 1 | YAK54-73 | 354 | 60 | 354 | 48 | 122 |
| 2 | YAK54-87 | 301 | 81 | 350 | 55 | 122 |
| 3 | YAK54-107 | 376 | 94 | 446 | 68 | 182 |
| 4 | YAK54-121 | 373 | 116 | 432 | 97 | 1980 |
| 5 | YAK54-129 | 431 | 105 | 489 | 80 | 218 |
| 6 | YAK54-148 | 573 | 119 | 653 | 100 | 247 |
| 7 | YAK54-180 | 630 | 158 | 732 | 117 | 266 |
| 8 | YAK55M-73 | 403 | 54 | 403 | 46 | 117 |
| 9 | YAK55M-88 | 340 | 83 | 387 | 56 | 122 |
| 10 | YAK55M-107 | 460 | 96 | 487 | 70 | 182 |
| 11 | YAK55M-122 | 680 | 115 | 725 | 85 | 190 |
| 12 | 260-73 | 370 | 80 | 370 | 75 | 121 |
| 13 | 260-87 | 302 | 117 | 370 | 80 | 122 |
| 14 | 260-106 | 342 | 106 | 436 | 113 | 162 |
| 15 | 260-122 | 381 | 120 | 442 | 134 | 190 |
| 17 | 300/330-88 | 423 | 90 | 505 | 94 | 142 |
| 18 | 300/330-107 | 390 | 127 | 448 | 120 | 172 |
| 19 | 300/330-122 | 465 | 137 | 545 | 143 | 190 |
| 20 | 342-73 | 373 | 59 | 373 | 94 | 125 |
| 21 | 342-87 | 300 | 81 | 330 | 111 | 122 |
| 22 | 342-107 | 295 | 85 | 330 | 135 | 192 |
| 23 | 342-122 | 331 | 92 | 380 | 147 | 190 |
| 24 | 342-148 | 461 | 120 | 528 | 186 | 247 |
| 25 | 540-73 | 371 | 85 | 371 | 93 | 119 |
| 26 | 540-87 | 362 | 114 | 450 | 108 | 122 |
| 27 | 540-107 | 435 | 146 | 543 | 133 | 162 |
| 28 | 540-122 | 509 | 122 | 603 | 178 | 190 |
| 29 | DEC-107 | 313 | 92 | 358 | 98 | 122 |
| 30 | DEC-122 | 290 | 110 | 340 | 110 | 152 |
| 31 | DEC-150 | 348 | 126 | 397 | 148 | 192 |
| 32 | DEC-180 | 400 | 146 | 478 | 181 | 232 |
| 33 | KATANA-106 | 383 | 74 | 423 | 120 | 145 |
| 34 | KATANA-122 | 430 | 85 | 483 | 140 | 190 |
| 35 | 400-128 | 315 | 56 | 315 | 87 | 163 |
| 36 | 400-150 | 340 | 68 | 340 | 102 | 269 |
| 37 | 182-150 | 468 | 68 | 538 | 115 | 191 |



Landing gear size sheet (Unit:mm)

| No: | Plane | A(mm) | B(mm) | C(mm) | D (mm) | E(mm) | F (mm) | G(mm) | H(mm) | I(mm) | J(mm) | K(mm) | Mounting hole(mm) | Axle hole(mm) | Pants Hole(mm) | Gear cover hole(mm) |
|-----|--|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------------------|---------------|----------------|---------------------|
| 1 | 182-150 | 272 | 231.5 | 735 | 60 | 165.6 | 35 | 130 | 14 | 13 | 17 | 252 | ∅6 | ∅8 | ∅3.2 | ∅3 |
| 2 | 260-87;540-87;540-V3-92 | 195 | 140 | 475 | 40 | 98.2 | 26 | / | 12 | 14.5 | 13.7 | 217 | ∅4.2 | ∅8 | ∅3.2 | / |
| 3 | 260-106;540-107;540V3-107;K-106; | 245 | 227.5 | 700 | 49 | 137.6 | 30 | / | 14 | 19 | 16.5 | 252 | ∅6 | ∅8 | ∅3.2 | / |
| 4 | 260-122;540-122;540V3-122;342-122;K-122 | 272 | 231.5 | 735 | 60 | 165.6 | 35 | / | 14 | 18 | 16.5 | 252 | ∅6 | ∅8 | ∅3.2 | / |
| 5 | 300-73;330-73;330-78;330-78V2;330LX-74 | 150 | 120.5 | 391 | 29 | 100 | 16 | / | 9 | 11 | 12 | 170 | ∅4.2 | ∅8 | ∅3.2 | / |
| 6 | 300-88;330-88 | 160 | 157.5 | 475 | 40 | 119 | 20 | 93 | 12 | 12.3 | 13.5 | 203 | ∅4.2 | ∅8 | ∅3.2 | ∅3 |
| 7 | 300-107;330-107; 330-107V2;330LX-103;330LX-103 | 195 | 181 | 557 | 50 | 147.6 | 28 | / | 12 | 20 | 12 | 252 | ∅6 | ∅8 | ∅3.2 | / |
| 8 | 300-122;330-122;330-122V2 | 235 | 212.5 | 660 | 52 | 165.6 | 28 | / | 12 | 20 | 12 | 265 | ∅6 | ∅8 | ∅3.2 | / |
| 9 | 330-60 | 140 | 87 | 315 | 29 | 79 | 14 | / | 8 | 9.5 | 8 | 142 | ∅3.2 | ∅6 | ∅3 | / |
| 10 | 330-67 | 140 | 105 | 350 | 30 | 89 | 20 | / | 8 | 9.5 | 10.5 | 145 | ∅3.2 | ∅6 | ∅3 | / |
| 11 | 330-92;330-92V2;330LX-88 | 160 | 157.5 | 475 | 40 | 137 | 20 | 93 | 12 | 12.3 | 13.5 | 203 | ∅4.2 | ∅8 | ∅3.2 | ∅3 |
| 12 | 342-53 | 105 | 73.5 | 252 | 20 | 57 | / | / | 6 | 11 | / | 128 | ∅4.2 | ∅4 | ∅2.2 | / |
| 13 | 342-87 | 155 | 140 | 435 | 40 | 98.2 | 26.3 | / | 12 | 14.5 | 13.7 | 210 | ∅4.2 | ∅8 | ∅3.2 | / |
| 14 | 342-107;342V2-107 | 245 | 227.5 | 700 | 49 | 167.6 | 28 | / | 14 | 19 | 16.5 | 252 | ∅6 | ∅8 | ∅3.2 | / |
| 15 | 342-148 | 286 | 249.5 | 785 | 65 | 216 | 39 | / | 14 | 20 | 21.5 | 331 | ∅6 | ∅8 | ∅3.2 | / |
| 16 | 540-67 | 123 | 138 | 400 | 35 | 89 | 20 | / | 8 | 10 | 11 | 160 | ∅3.2 | ∅6 | ∅3 | / |
| 17 | 540-73;540V3-78;260-73;342-73 | 165 | 117.5 | 400 | 35 | 100 | 16 | / | 12 | 14.6 | 13.7 | 165 | ∅4.2 | ∅8 | ∅3.2 | / |
| 18 | DEC-107 | 195 | 139 | 473 | 40 | 98.2 | 25 | 64.3 | 12 | 14.5 | 13.7 | 217 | ∅6 | ∅8 | ∅3.2 | ∅3 |
| 19 | DEC-122 | 245 | 227.5 | 700 | 49 | 120.4 | 24 | 86.5 | 14 | 19 | 16.5 | 252 | ∅6 | ∅8 | ∅3.2 | ∅3 |
| 20 | DEC-150 | 295 | 235 | 765 | 58 | 167.6 | 39 | 132 | 14 | / | / | 255 | ∅6 | ∅8 | ∅3.2 | ∅3 |
| 21 | DEC-180 | 345 | 270.5 | 886 | 67 | 207 | 40 | 170 | 20 | / | / | 410 | ∅6 | ∅8 | ∅3.2 | ∅3 |
| 22 | YAK54-53 | 105 | 86.5 | 278 | 20 | 57 | / | / | 6 | 11 | / | 165 | ∅4.2 | ∅4 | ∅2.2 | / |
| 23 | YAK54-73;YAKM55-73;Y54-78 | 145 | 125 | 395 | 30 | 100 | 16 | / | 10 | 15 | 14 | 195 | ∅4.2 | ∅8 | / | / |
| 24 | YAK54-87;YAKM55-88 | 155 | 140 | 435 | 40 | 98.2 | 26.3 | / | 10 | / | / | 210 | ∅4.2 | ∅8 | / | / |
| 25 | YAK54-107;YAKM55-107 | 198 | 232.5 | 663 | 50 | 154 | 30 | / | 12 | / | / | 145 | ∅6 | ∅8 | / | / |
| 26 | YAK54-121;YAKM55-122 | 215 | 233 | 681 | 59 | 158.5 | 31.5 | / | 12 | / | / | 252 | ∅6 | ∅8 | / | / |
| 27 | YAK54-129;YAK54-148 | 250 | 281 | 812 | 65 | 194.4 | 40 | / | 16 | / | / | 410 | ∅6 | ∅8 | / | / |
| 28 | YAK54-180 | 351 | 264.5 | 880 | 68 | 215.6 | 40 | 170 | 20 | / | / | 398 | ∅6 | ∅8 | / | ∅3 |

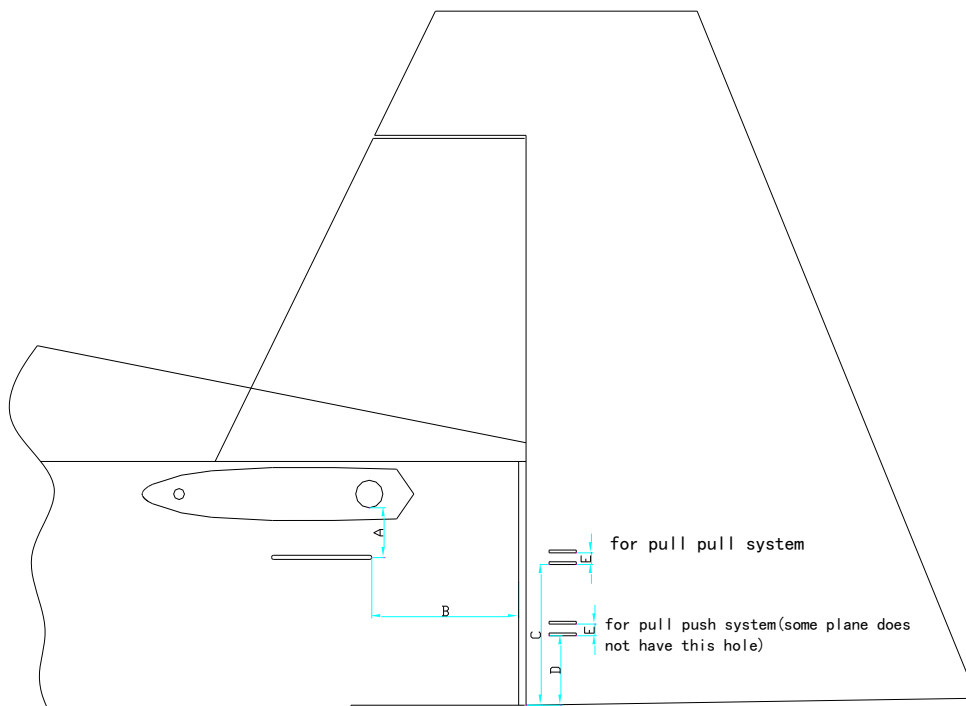


rudder pull pull wire hole and rudder horn position

unit:mm

Page1

| No. | plane | A | B | C | D | E |
|-----|------------|-----|-----|-----|----|-----|
| 1 | 260-106 | 28 | 136 | 24 | 0 | 8.5 |
| 2 | 260-122 | 34 | 91 | 21 | 0 | 8.5 |
| 3 | 260-87 | 27 | 145 | 13 | 0 | 8.5 |
| 4 | 300-122 | 46 | 46 | 92 | 0 | 8.5 |
| 5 | 342-107 | 36 | 101 | 102 | 50 | 8.5 |
| 6 | 342-122 | 37 | 49 | 120 | 68 | 8.5 |
| 7 | 342-148 | 40 | 31 | 156 | 0 | 8.5 |
| 8 | 342-73 | 30 | 85 | 64 | 0 | 8.5 |
| 9 | 342-87 | 33 | 24 | 81 | 0 | 8.5 |
| 10 | 540-107 | 44 | 126 | 48 | 0 | 8.5 |
| 11 | 540-122 | 86 | 54 | 81 | 0 | 8.5 |
| 12 | 540-73 | 45 | 121 | 26 | 0 | 8.5 |
| 13 | 540-87 | 37 | 90 | 49 | 0 | 8.5 |
| 14 | DEC-107 | 84 | 146 | 17 | 0 | 8.5 |
| 15 | DEC-122 | 93 | 156 | 26 | 0 | 8.5 |
| 16 | DEC-150 | 104 | 125 | 39 | 0 | 8.5 |
| 17 | DEC-180 | 134 | 110 | 45 | 0 | 8.5 |
| 18 | K-106 | 77 | 150 | 37 | 0 | 8.5 |
| 19 | K-122 | 40 | 158 | 90 | 0 | 8.5 |
| 20 | S-88 | 0 | 0 | 57 | 0 | 8.5 |
| 21 | T-90 | 0 | 0 | 39 | 0 | 8.5 |
| 22 | YAK54-107 | 30 | 99 | 26 | 0 | 8.5 |
| 23 | YAK54-121 | 33 | 71 | 30 | 0 | 8.5 |
| 24 | YAK54-129 | 38 | 68 | 32 | 0 | 8.5 |
| 25 | YAK54-73 | 27 | 85 | 10 | 0 | 8.5 |
| 26 | YAK54-87 | 28 | 99 | 16 | 0 | 8.5 |
| 27 | YAKM55-107 | 37 | 114 | 119 | 71 | 8.5 |
| 28 | YAKM55-122 | 37 | 81 | 148 | 99 | 8.5 |
| 29 | YAKM55-73 | 33 | 116 | 74 | 0 | 8.5 |
| 30 | YAKM55-88 | 38 | 108 | 94 | 0 | 8.5 |

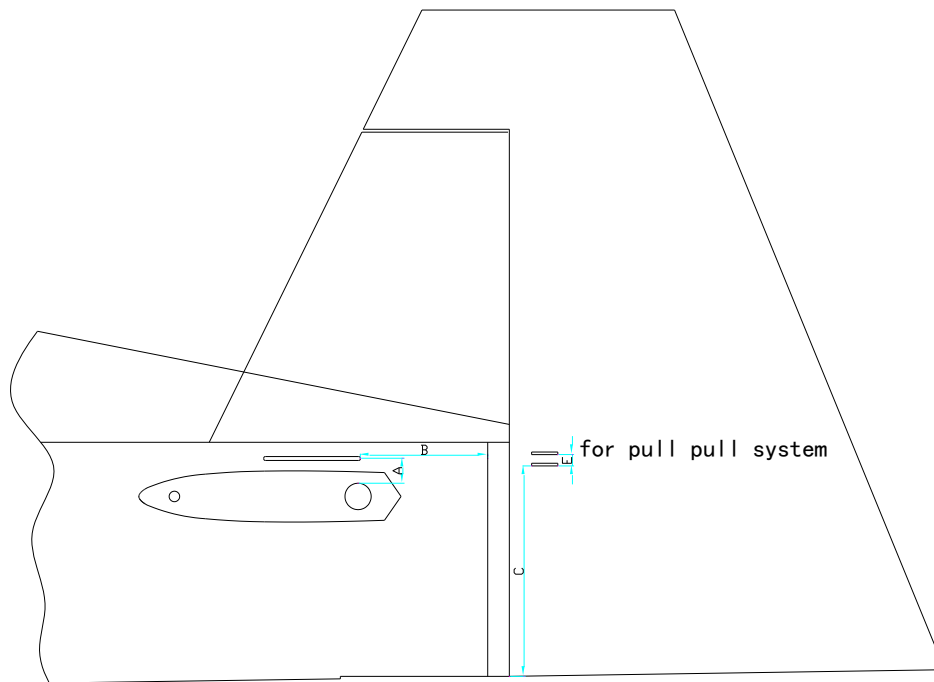


rudder pull pull wire hole and rudder horn position

unit:mm

Page2

| No. | plane | A | B | C | D | E |
|-----|-----------|----|-----|-----|---|-----|
| 1 | 260-73 | 12 | 103 | 54 | 0 | 8.5 |
| 2 | 300-73 | 13 | 62 | 59 | 0 | 8.5 |
| 3 | 300-88 | 17 | 61 | 66 | 0 | 8.5 |
| 4 | 300-107 | 19 | 77 | 81 | 0 | 8.5 |
| 5 | YAK54-148 | 74 | 160 | 180 | 0 | 8.5 |
| 6 | YAK54-180 | 75 | 66 | 205 | 0 | 8.5 |

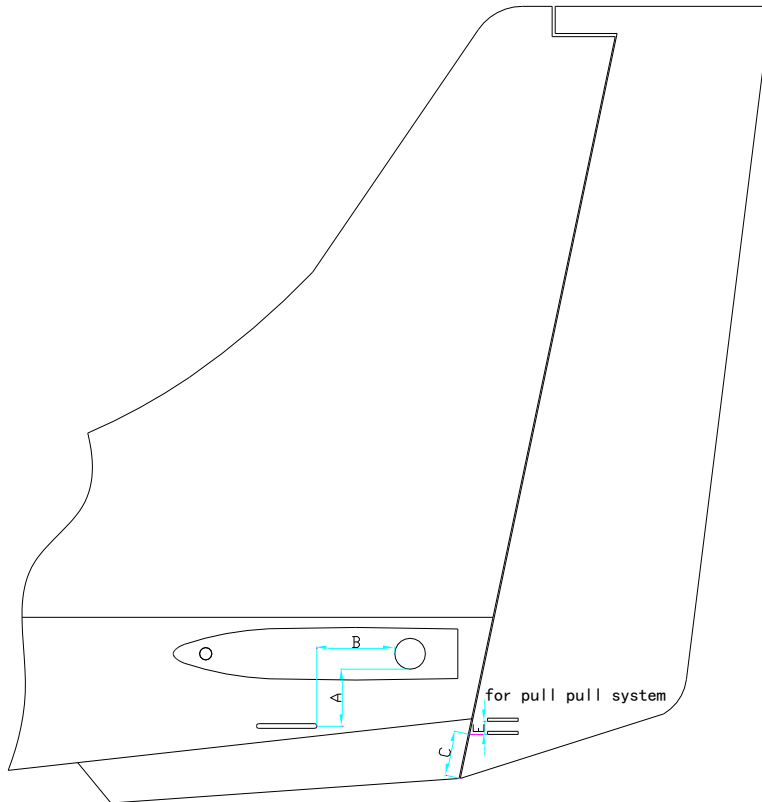


rudder pull pull wire hole and rudder horn position

unit:mm

Page3

| No. | plane | A | B | C | D | E |
|-----|------------|----|----|----|---|-----|
| 1 | 400-128 | 34 | 35 | 53 | 0 | 8.5 |
| 2 | 400-150 | 35 | 13 | 57 | 0 | 8.5 |
| 3 | Skywolf-88 | 33 | 32 | 44 | 0 | 8.5 |



Pilot-RC plane servo extension length list

Note: this list is base on 30cm of the servo wire(which is normal servo wire length)

| No. | Plane | stabilizer servo install position | servo position | servo extension length (cm) | QTY |
|-----|-----------|-----------------------------------|--|-----------------------------|-----|
| 1 | YAK54-53 | | aileron servo near the | 10 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 35 | 2 |
| | | | rudder servo | 0 | 0 |
| 2 | YAK54-73 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 55 | 2 |
| | | | rudder servo | 0 | 0 |
| 3 | YAK54-87 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 75 | 2 |
| | | | rudder servo | 0 | 0 |
| 4 | YAK54-107 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 45 | 2 |
| | | | aileron servo on the outside of the wing | 75 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 135 | 2 |
| | | | rudder servo | 0 | 0 |
| 5 | YAK54-121 | | aileron servo near the | 15 | 2 |
| | | | aileron servo on the mid of the wing | 55 | 2 |
| | | | aileron servo on the outside of the wing | 95 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 150 | 4 |
| | | | rudder servo | 0 | 0 |

| | | | | | |
|----|------------|--------------------------|--|-----|---|
| 6 | YAK54-129 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 67 | 2 |
| | | | aileron servo on the outside of the wing | 118 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 160 | 4 |
| | | | rudder servo | 0 | 0 |
| 7 | YAK54-148 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 80 | 2 |
| | | | aileron servo on the outside of the wing | 130 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 185 | 4 |
| | | | rudder servo | 0 | 0 |
| 8 | YAK54-180 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 80 | 2 |
| | | | aileron servo on the outside of the wing | 120 | 2 |
| | | | aileron servo on the outside of the wing (2) | 165 | 2 |
| | | inside of the stabilizer | stabilizer servo | 225 | 4 |
| | | | rudder servo | 0 | 0 |
| 9 | YAKM55-73 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 60 | 2 |
| | | | rudder servo | 0 | 0 |
| 10 | YAKM55-88 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 105 | 2 |
| | | | rudder servo | 0 | 0 |
| 11 | YAKM55-107 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 40 | 2 |
| | | | aileron servo on the outside of the wing | 75 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 135 | 2 |
| | | | rudder servo | 115 | 2 |

| | | | | | |
|----|----------------------------|--------------------------|--|-----|---|
| 12 | YAKM55-122 | | aileron servo near the | 15 | 2 |
| | | | aileron servo on the mid of the wing | 55 | 2 |
| | | | aileron servo on the outside of the wing | 95 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 150 | 4 |
| | | | rudder servo | 130 | 4 |
| 13 | EXTRA260-73 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 55 | 2 |
| | | | rudder servo | 0 | 0 |
| 14 | EXTRA260-87 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 95 | 2 |
| | | | rudder servo | 0 | 0 |
| 15 | EXTRA260-106 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 40 | 2 |
| | | | aileron servo on the outside of the wing | 80 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 140 | 2 |
| | | | rudder servo | 0 | 0 |
| 16 | EXTRA260-122 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 75 | 2 |
| | | | aileron servo on the outside of the wing | 115 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 165 | 4 |
| | | | rudder servo | 145 | 2 |
| 17 | EXTRA300-73 EXTRA330-73 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 70 | 2 |
| | | | rudder servo | 0 | 0 |

| | | | | | |
|----|------------------------------|--------------------------|---|-----|---|
| 18 | EXTRA300-88 EXTRA330-88 | | aileron servo near the | 40 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 125 | 2 |
| | | | rudder servo | 0 | 0 |
| 19 | EXTRA300-107 EXTRA330-107 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 45 | 2 |
| | | | aileron servo on the outside of the wing | 80 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 145 | 2 |
| | | | rudder servo | 0 | 0 |
| 20 | EXTRA300-122 EXTRA330-122 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 70 | 2 |
| | | | aileron servo on the outside of the wing | 110 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 165 | 4 |
| | | | rudder servo | 0 | 0 |
| 21 | SBACH342-53 | | aileron servo near the | 7 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 35 | 2 |
| | | | rudder servo | 0 | 0 |
| 22 | SBACH342-73 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 55 | 2 |
| | | | rudder servo | 0 | 0 |
| 23 | SBACH342-87 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 75 | 2 |
| | | | rudder servo | 0 | 0 |

| | | | | | |
|----|--------------|--------------------------|--|-----|---|
| 24 | SBACH342-107 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 40 | 2 |
| | | | aileron servo on the outside of the wing | 75 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 135 | 2 |
| | | | rudder servo | 115 | 2 |
| 25 | SBACH342-122 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 57 | 2 |
| | | | aileron servo on the outside of the wing | 95 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 155 | 4 |
| | | | rudder servo | 135 | 4 |
| 26 | SBACH342-148 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 80 | 2 |
| | | | aileron servo on the outside of the wing | 130 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 200 | 4 |
| | | | rudder servo | 0 | 0 |
| 27 | EDGE540-73 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 50 | 2 |
| | | | rudder servo | 0 | 0 |
| 28 | EDGE540-87 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 70 | 2 |
| | | | rudder servo | 0 | 0 |
| 29 | EDGE540-107 | | aileron servo near the | 27 | 2 |
| | | | aileron servo on the mid of the wing | | 2 |
| | | | aileron servo on the outside of the wing | 77 | 2 |
| | | | aileron servo on the outside of the wing (2) | 40 | 2 |
| | | inside of the stabilizer | stabilizer servo | 130 | 2 |
| | | | rudder servo | 110 | 2 |

| | | | | | |
|----|---------------------|--------------------------|---|-----|---|
| 30 | EDGE540-122 | | aileron servo near the | 30 | 2 |
| | | | aileron servo on the mid of the wing | 70 | 2 |
| | | | aileron servo on the outside of the wing | 115 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 140 | 4 |
| | | | rudder servo | 120 | 4 |
| 31 | columbia 400-128 | | aileron servo near the | 35 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 100 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 110 | 2 |
| | | | rudder servo | 30 | 2 |
| 32 | columbia 400-150 | | aileron servo near the | 47 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 130 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 140 | 2 |
| | | | rudder servo | 0 | 0 |

| | | | | | |
|----|-----------------|--------------------------|--|-----|---|
| 33 | skyline 182-150 | | aileron servo near the | 35 | 2 |
| | | | aileron servo on the mid of the wing | 90 | 2 |
| | | | aileron servo on the outside of the wing | 130 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 160 | 2 |
| | | | rudder servo | 140 | 1 |
| 34 | KATANA-106 | | aileron servo near the | 28 | 2 |
| | | | aileron servo on the mid of the wing | 40 | 2 |
| | | | aileron servo on the outside of the wing | 85 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 135 | 2 |
| | | | rudder servo | 0 | 0 |
| 35 | KATANA-122 | | aileron servo near the | 27 | 2 |
| | | | aileron servo on the mid of the wing | 70 | 2 |
| | | | aileron servo on the outside of the wing | 110 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 155 | 4 |
| | | | rudder servo | 0 | 0 |
| 36 | SKY-WOLF-88 | | aileron servo near the | 15 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 65 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 70 | 2 |
| | | | rudder servo | 85 | 1 |
| 37 | DECATHLON-107 | | aileron servo near the | 20 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 75 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 85 | 2 |
| | | | rudder servo | 95 | 1 |
| 38 | DECATHLON-122 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 95 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 100 | 2 |
| | | | rudder servo | 100 | 1 |

| | | | | | |
|----|---------------|--------------------------|--|-----|---|
| 39 | DECATHLON-150 | | aileron servo near the | 35 | 2 |
| | | | aileron servo on the mid of the wing | 85 | 2 |
| | | | aileron servo on the outside of the wing | 150 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | inside of the stabilizer | stabilizer servo | 160 | 2 |
| | | | rudder servo | 0 | 0 |
| 40 | DECATHLON-180 | | aileron servo near the | 50 | 2 |
| | | | aileron servo on the mid of the wing | 105 | 2 |
| | | | aileron servo on the outside of the wing | 145 | 2 |
| | | | aileron servo on the outside of the wing (2) | 185 | 2 |
| | | inside of the stabilizer | stabilizer servo | 195 | 4 |
| | | | rudder servo | 165 | 2 |
| 41 | Sport-88 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 82 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 105 | 2 |
| | | | rudder servo | 105 | 1 |
| 42 | Trainer-90 | | aileron servo near the | 25 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 82 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 105 | 2 |
| | | | rudder servo | 105 | 1 |
| 43 | Glider-216" | | aileron servo near the | 75 | 2 |
| | | | aileron servo on the mid of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing | 0 | 2 |
| | | | aileron servo on the outside of the wing (2) | 0 | 2 |
| | | on fuselage | stabilizer servo | 100 | 2 |
| | | | rudder servo | 0 | 2 |

Pilot-RC plane wing/stab tube size list

| wing tube/stab tube | CF tubes size (mm) | used for airframe |
|---------------------|--------------------|---|
| stab tube | 12.5*246*1.2 | GULF650-97 |
| stab tube | 12.5*320*1.2 | EXTRA260-87、YAK54-73、EXTRA260-73、EXTRA300-73、SBACH342-73、YAKM55-73、EXTRA330SC-73、EXTRA330SC-78、EDGE540-73、EDGE540V3-78、DOLPHIN-71 |
| stab tube | 12.5*335*1.2 | DECATHLON-150 |
| stab tube | 12.5*356*1.2 | DECATHLON-180 |
| stab tube | 12.5*358.5*1.2 | YAK54-87、YAKM55-88、SBACH342-87、EDGE540-87 |
| stab tube | 12.5*396*1.2 | EXTRA300-88、EXTRA330SC-88、EXTRA330SC-92、EDGE540V3-92 |
| stab tube | 12.5*512*1.2 | DECATHLON-150 |
| stab tube | 12.5*608*1.2 | DECATHLON-180 |
| stab tube | 12.5*805*1.2 | BERGFALKE II 55-216 |
| stab tube | 12.5*90*1.2 | GULF650-97 |
| stab tube | 19*405*1.2 | COLUMBIA400-128 |
| stab tube | 19*430*1.2 | YAKM55-107 |
| stab tube | 19*440*1.2 | YAK54-107、EXTRA260-106、EXTRA300-107、SBACH342-107、SKYLINE182-150、EDGE540-107、EDGE540V3-107、EXTRA330SC-107、EXTRA330LX-107、COLUMBIA400-150 |
| stab tube | 19*488*1.2 | YAK54-148、SBACH342-148 |
| stab tube | 19*647*2 | YAK54-180 |
| stab tube | 25*580*1.4 | EXTRA260-122 |
| stab tube | 25*592*1.4 | YAK54-121、YAKM55-122、EXTRA300-122、SBACH342-122、EXTRA330SC-122、EDGE540-122、EDGE540V3-122 |
| stab tube | 25*625*2 | YAK54-148、SBACH342-148 |
| stab tube | 25*685*1.4 | YAK54-129 |

Pilot-RC plane wing/stab tube size list

| | | |
|-----------|--------------|--|
| stab tube | 25*915*2 | YAK54-180 |
| stab tube | 8*275*1.2 | DECATHLON122、DECATHLON107 |
| stab tube | 8*419*1.2 | DECATHLON122、DECATHLON107 |
| wing tube | 12.5*905*1.4 | SKYLINE182-150 |
| wing tube | 16*725*0.7 | EXTRA330SC-67、EDGE540V3-67 |
| wing tube | 19*1425*1.8 | BERGFALKE II 55-216 |
| wing tube | 19*640*1.4 | DECATHLON-107 |
| wing tube | 19*653*1.6 | GULF650-97 |
| wing tube | 19*723*1.4 | DECATHLON-122、YAK54-73、EXTRA260-73、EXTRA300-73、SBACH342-73、YAKM55-73、EXTRA330SC-73、EXTRA330SC-78、EDGE540-73、EDGE540V3-78 |
| wing tube | 19*806*1.4 | DOLPHIN-71 |
| wing tube | 25*1265*1.6 | DECATHLON-122 |
| wing tube | 25*1503*1.6 | DECATHLON-180 |
| wing tube | 25*808*1.6 | YAK54-87、YAKM55-88、SBACH342-87、SKY-WOLF-88 |
| wing tube | 25*841*1.6 | EXTRA260-87、EDGE540-87 |
| wing tube | 25*880*2 | GULF650-97 |
| wing tube | 25*902*1.6 | DECATHLON-150 |
| wing tube | 25*907*1.6 | EXTRA300-88、EXTRA330SC-88、EXTRA330SC-92、EDGE540V3-92 |
| wing tube | 25*953*1.6 | DECATHLON-107 |
| wing tube | 38*1089*1.85 | YAK54-107、YAKM55-107、EXTRA260-106、EXTRA300-107、SBACH342-107、EDGE540-107、EDGE540V3-107、EXTRA330SC-107、EXTRA330LX-107 |
| wing tube | 38*1220*2.5 | YAK54-180 |

Pilot-RC plane wing/stab tube size list

| | | |
|-----------|--------------|---|
| wing tube | 38*1553*1.7 | DECATHLON-150、SKYLINE182-150 |
| wing tube | 38*2067*1.85 | DECATHLON-180 |
| wing tube | 50*1168*1.6 | YAK54-121、YAKM55-122、EXTRA300-122、EXTRA260-122、SBACH342-122、EDGE540-122、EDGE540V3-122 |
| wing tube | 50*1218*1.6 | YAK54-129 |
| wing tube | 50*1428*1.6 | EXTRA330SC-122 |
| wing tube | 60*1423*2.4 | YAK54-148、SBACH342-148 |
| wing tube | 70*1722*3 | YAK54-180 |

| Axle size | | |
|-----------|------|------|
| plane | size | |
| YAK54-73 | 4x35 | |
| YAKM55-73 | | |
| 342-73 | | |
| 330SC-73 | | |
| 330SC-78 | | |
| 330-78V2 | | |
| 540-73 | | |
| 540V3-78 | | |
| YAK54-87 | | 5x47 |
| YAKM55-88 | | |
| 330SC-88 | | |
| 330SC-92 | | |
| 330-92V2 | | |
| 540-87 | | |
| 540V3-92 | | |
| 342-87 | | |

| Axle size | |
|------------|---------|
| plane | size |
| YAK54-107 | 5x55 |
| YAK54-121 | |
| YAK54-129 | |
| YAKM55-107 | |
| YAKM55-122 | |
| 342-107 | |
| 342-122 | |
| 330SC-107 | |
| 330-107V2 | |
| 330SC-122 | |
| 330-122V2 | |
| 540-107 | |
| 540-122 | |
| 540V3-122 | |
| DEC-107 | |
| DEC-122 | |
| 540V3-107 | |
| 330LX-107 | |
| YAK54-148 | 8X85 |
| 342-148 | |
| DEC-150 | 8X105 |
| DEC-180 | 7.8X120 |