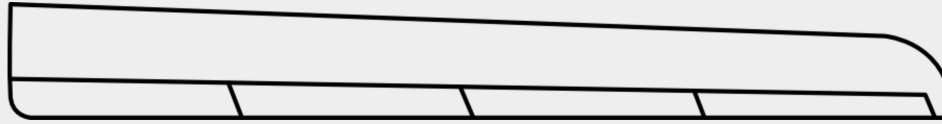


# Kestrel

center of gravity (CG) 85mm / center of gravity without wing approx. 75mm



## flight mode

### normal

|        |          |     |     |     |
|--------|----------|-----|-----|-----|
| normal | Quer     | 0   | ↑ 8 | ↓ 8 |
| normal | Snapflap | ↓ 4 |     |     |

### speed

|       |      |     |     |     |
|-------|------|-----|-----|-----|
| speed | Quer | ↑ 3 | ↑ 8 | ↓ 8 |
|-------|------|-----|-----|-----|

### best gliding

|              |          |       |     |     |
|--------------|----------|-------|-----|-----|
| best gliding | Quer     | ↓ 3,0 | ↑ 8 | ↓ 8 |
| best gliding | Snapflap | ↓ 4   |     | 7   |

### thermal

|         |          |     |     |     |
|---------|----------|-----|-----|-----|
| thermal | Quer     | ↓ 6 | ↑ 8 | ↓ 8 |
| thermal | Snapflap | ↓ 4 |     |     |

### start

|       |          |      |     |     |
|-------|----------|------|-----|-----|
| start | Quer     | ↓ 10 | ↑ 8 | ↓ 8 |
| start | Snapflap | ↓ 4  |     |     |

### butterfly

|           |      |      |     |     |
|-----------|------|------|-----|-----|
| butterfly | Quer | ↓ 50 | ↑ 0 | ↓ 0 |
|-----------|------|------|-----|-----|

|   |   |   |
|---|---|---|
| 0 | ↑ | ↓ |
|   | ↓ |   |

|   |   |
|---|---|
| ↑ | ↓ |
|---|---|

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↑ | ↑ | ↓ |
| ↑ |   |   |

|   |   |
|---|---|
| ↑ | ↓ |
| ↓ |   |

|   |   |
|---|---|
| ↑ | ↓ |
|---|---|

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |   |   |
|---|---|---|
| ↓ | ↑ | ↓ |
| ↑ |   |   |

|   |      |      |
|---|------|------|
| 0 | ↑ 20 | ↓ 15 |
|   | ↓    |      |

|     |      |      |
|-----|------|------|
| ↑ 3 | ↑ 20 | ↓ 15 |
|-----|------|------|

|     |      |     |
|-----|------|-----|
| ↓ 1 | ↑ 15 | ↓ 5 |
|     | ↓ 3  |     |

|     |      |     |
|-----|------|-----|
| ↓ 5 | ↑ 15 | ↓ 4 |
|     | ↓ 3  |     |

|      |      |     |
|------|------|-----|
| ↓ 10 | ↑ 20 | ↓ 4 |
|      | ↓ 3  |     |

|     |      |      |
|-----|------|------|
| ↑ 0 | ↑ 20 | ↓ 10 |
|     |      |      |

## elevator

|      |      |
|------|------|
| ↑ 15 | ↓ 11 |
|------|------|

## rudder

40 mm

40% expo

15% combiswitch

15% combiswitch

30% combiswitch

40%combi switch

data in degrees (°)

Very important when **setting the center of gravity**: If the CG is correct the plane will not make an turn over the wing by very slowly speed, only takes the nose down. If not, you have to take weight in the nose!!