## AIR TURQUOISE SA | PARA-TEST.COM

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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



## Flight test report: EN 926-2:2013 & NfL 2-565-20

| /lanufacturer NOVA Vertriebsgesellschaft m.b.H.                          |                                | Certification number   |                     | PG_1960.2022   |   |  |
|--|--------------------------------|--|---------------------|--|---|--|
| Address Auweg 14 6124 Terfens Austria                                    |                                | Flight test  | 22.03.2022          |  |   |  |
| Glider model Mentor 7-light M  |                                | Classification   | В                   |  |   |  |
| Serial number 500503   |                                | Representative   | Theo Deblic         |  |   |  |
| Trimmer no   |                                | Place of test  | Villeneuve          |  |   |  |
| Folding lines used   | no                             |  | -                   |  |   |  |
| Test pilot   |                                | Claude Thurnheer   | Alexandre Jofresa   |  |   |  |
| Harness  |                                | Advance - Success 4 M  | Dudek - ZeroGravity |  |   |  |
| Harness to risers distance (cm)  |                                | 44   | 43                  |  |   |  |
| Distance between risers (cm)  Total weight in flight (kg)                |                                | 44   |                     | 48   |   |  |
|  |                                |  |                     | 15   |   |  |
| rotal weight in fligh  | it (kg)                        | 90   | ı                   | 15   |   |  |
| 1. Inflation/Take-off  |                                | В  |                     |  |   |  |
| Rising behaviour   |                                | Easy rising, some pilot correction is required                 | В                   | Easy rising, some pilot correction is required                 | В |  |
| Special take off technique   | required                       | No   | Α                   | No   | Δ |  |
| 2. Landing   |                                | Α  |                     |  |   |  |
| Special landing technique  | ·                              | No   | Α                   | No   | Α |  |
| 3. Speed in straight fligh   |                                | A  |                     |  |   |  |
| Trim speed more than 30  |                                | Yes  | Α                   | Yes  | Α |  |
| Speed range using the controls larger than 10 km/h                       |                                | Yes  | Α                   | Yes  | Α |  |
| Minimum speed  |                                | Less than 25 km/h  | Α                   | Less than 25 km/h  | Α |  |
| 4. Control movement  |                                | A  |                     |  |   |  |
| Max. weight in flight up to 80 kg  |                                | not evelleble  | 0                   |  | _ |  |
| Symmetric control pressure / travel                                      |                                | not available  | 0                   | not available  | 0 |  |
| Max. weight in flight 80 kg to 100 kg                                    |                                | Increasing / greater than 60 cm                                | ۸                   | not available  | 0 |  |
| Symmetric control pressur  |                                | Increasing / greater than 60 cm                                | Α                   | not available  | 0 |  |
| Max. weight in flight greater than 100 kg                                |                                | not available  | Λ                   | Increasing / greater than 65 cm                                | ۸ |  |
| Symmetric control pressure / travel                                      |                                | not available  | U                   | Increasing / greater than 65 cm                                |   |  |
| 5. Pitch stability exiting accelerated flight Dive forward angle on exit |                                | Dive forward less than 30°                                     | Α                   | Dive forward less than 30°                                     | A |  |
| Collapse occurs  |                                | No No  |                     | No No  | Α |  |
| •  | ng controls during accelerated | A  | •                   |  | • |  |
| Collapse occurs  |                                | No   | Α                   | No   | Α |  |
| 7. Roll stability and damping  |                                | A  |                     |  |   |  |
| Oscillations   |                                | Reducing   | Α                   | Reducing   | Α |  |
| 8. Stability in gentle spir  | als                            | Α  |                     |  |   |  |
| Tendency to return to stra   | ight flight                    | Spontaneous exit   | Α                   | Spontaneous exit   | Α |  |
| 9. Behaviour exiting a fully developed spiral dive                       |                                | В  |                     |  |   |  |
| Initial response of glider (f  |                                | No immediate reaction  | В                   | Immediate reduction of rate of turn                            | Δ |  |
| Tendency to return to straight flight                                    |                                | Spontaneous exit (g force decreasing, rate of turn decreasing) | Α                   | Spontaneous exit (g force decreasing, rate of turn decreasing) | Α |  |
| Turn angle to recover norr   |                                | 720° to 1 080°, spontaneous                                    |                     | 720° to 1 080°, spontaneous                                    |   |  |

| Approximately 30 % chord  |   |                                       |  |                                       |
|---|---|---------------------------------------|--|---------------------------------------|
| Entry   | Rocking back less than 45°  | Α                                     | Rocking back less than 45°   | Α                                     |
| Recovery  | Spontaneous in less than 3 s  | Α                                     | Spontaneous in 3 s to 5 s  | В                                     |
| Dive forward angle on exit Change of course   | Dive forward 30° to 60° Keeping course  | В                                     | Dive forward 30° to 60° Keeping course   | В                                     |
| Cascade occurs  | No  | Α                                     | No   | Α                                     |
| Folding lines used  | No  | Α                                     | No   | Α                                     |
| At least 50% chord  |   |                                       |  |                                       |
| Entry   | Rocking back less than 45°  | Α                                     | Rocking back less than 45°   | Α                                     |
| Recovery  | Spontaneous in less than 3 s  | Α                                     | Spontaneous in 3 s to 5 s  | В                                     |
| Dive forward angle on exit / Change of course   | Dive forward 0° to 30° / Keeping course   | Α                                     | Dive forward 0° to 30° / Keeping course  | Α                                     |
| Cascade occurs  | No  | Α                                     | No   | Α                                     |
| Folding lines used  | No  | Α                                     | No   | Α                                     |
| With accelerator  |   |                                       |  |                                       |
| Entry   | Rocking back less than 45°  | Α.                                    | Rocking back less than 45°   | A                                     |
| Recovery  | Spontaneous in less than 3 s  | Α.                                    | Spontaneous in 3 s to 5 s  | В                                     |
| Dive forward angle on exit / Change of course   | Dive forward 0° to 30° / Keeping course   | Α                                     | Dive forward 30° to 60° /<br>Keeping course  | В                                     |
| Cascade occurs  | No  | Α.                                    | No   | Α                                     |
| Folding lines used  | No  | Α                                     | No   | Α                                     |
| 11. Exiting deep stall (parachutal stall)   | <b>A</b>  |                                       | V  |                                       |
| Deep stall achieved   | Yes   | A                                     | Yes  | A                                     |
| Recovery  | Spontaneous in less than 3 s  | A                                     | Spontaneous in less than 3 s   | A                                     |
| Dive forward angle on exit  | Dive forward 0° to 30°  | A                                     | Dive forward 0° to 30°   | A                                     |
| Change of course  | Changing course less than 45°   | A                                     | Changing course less than 45°  | A                                     |
| Cascade occurs  | No<br>A   | Α                                     | No   | Α                                     |
| 12. High angle of attack recovery Recovery  | Spontaneous in less than 3 s  | Α                                     | Spontaneous in less than 3 s   | ۸                                     |
| Cascade occurs  | No  | A                                     | No   | A<br>A                                |
| Guscade Goodis  | 110   | , ,                                   | 140  | ,,                                    |
| 13 Recovery from a developed full stall   | Δ   |                                       |  |                                       |
| 13. Recovery from a developed full stall  Dive forward angle on exit  | A Dive forward 0° to 30°  | Α                                     | Dive forward 0° to 30°   | Α                                     |
| Dive forward angle on exit  | Dive forward 0° to 30°  | A<br>A                                | Dive forward 0° to 30°  No collapse  | A<br>A                                |
| Dive forward angle on exit Collapse   |   | A<br>A<br>A                           | Dive forward 0° to 30°<br>No collapse<br>No  | A<br>A<br>A                           |
| Dive forward angle on exit  Collapse  Cascade occurs (other than collapses)   | Dive forward 0° to 30°<br>No collapse   | Α                                     | No collapse  | Α                                     |
| Dive forward angle on exit Collapse   | Dive forward 0° to 30°<br>No collapse<br>No<br>Less than 45°  | A<br>A<br>A                           | No collapse<br>No<br>Less than 45°   | A<br>A                                |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back  | Dive forward 0° to 30°<br>No collapse<br>No   | A<br>A<br>A                           | No collapse<br>No  | A<br>A<br>A                           |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  | A<br>A<br>A                           | No collapse<br>No<br>Less than 45°   | A<br>A<br>A                           |
| Dive forward angle on exit  Collapse  Cascade occurs (other than collapses)  Rocking back  Line tension  14. Asymmetric collapse  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  | A<br>A<br>A                           | No collapse<br>No<br>Less than 45°   | A<br>A<br>A                           |
| Dive forward angle on exit  Collapse  Cascade occurs (other than collapses)  Rocking back  Line tension  14. Asymmetric collapse  Small asymmetric collapse  Change of course until re-inflation / Maximum dive forward or  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / Dive or roll angle  | A<br>A<br>A                           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle  | A<br>A<br>A                           |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45°  | A<br>A<br>A                           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45°   | A<br>A<br>A                           |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation   | A<br>A<br>A                           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation  | A<br>A<br>A<br>A                      |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous  | A A A A A                             | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous  | A<br>A<br>A<br>A                      |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)   | A A A A A A                           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)   | A<br>A<br>A<br>A<br>A                 |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No   | A A A A A A A                         | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No  | A A A A A A A                         |
| Dive forward angle on exit  Collapse Cascade occurs (other than collapses) Rocking back Line tension  14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No  | A A A A A A A A                       | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No   | A A A A A A A                         |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No  | A A A A A A A A                       | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No   | A A A A A A A                         |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation Spontaneous re-inflation  | A A A A A A A A A A A A B A           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation  | A A A A A A A A A A A A A A A A A A A |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation Less than 360° Spontaneous re-inflation Less than 360°  | A A A A A A A A A A A A A A A A A A A | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No Spontaneous re-inflation Less than 360° Spontaneous re-inflation Less than 360°  | A A A A A A A A A A A A A A A A A A A |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation Spontaneous re-inflation  | A A A A A A A A A A A A B A           | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation  | A A A A A A A A A A A A A A A A A A A |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course  | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No No No No Or only a small number of collapsed cells with a spontaneous   | A A A A A A A A A A A A A A A A A A A | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Spontaneous re-inflation Less than 360° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous  | A A A A A A A A A A A A A A A A A A A |
| Dive forward angle on exit  Collapse Cascade occurs (other than collapses) Rocking back Line tension  14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs   | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)   | A A A A A A A A A A A A A A A A A A A | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) | A A A A A A A A A A A A A A A A A A A |
| Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension  14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs  Twist occurs  Twist occurs Collapse on the opposite side occurs | Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No No No No No Or only a small number of collapsed cells with a spontaneous reinflation) No (or only a small number of collapsed cells with a spontaneous reinflation) Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No | A A A A A A A A A A A A A A A A A A A | No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Or only a small number of collapsed cells with a spontaneous reinflation) No   | A A A A A A A A A A A A A A A A A A A |

| Change of course until re-inflation / Maximum dive forward or roll angle   | Less than 90° / Dive or roll angle 15° to 45°   | Α                | Less than 90° / Dive or roll angle 15° to 45°  | Α                |
|--|---|------------------|--|------------------|
| Re-inflation behaviour   | Spontaneous re-inflation  | Α                | Spontaneous re-inflation   | Α                |
| Total change of course   | Less than 360°  | Α                | Less than 360°   | Α                |
| Collapse on the opposite side occurs   | No (or only a small number of collapsed cells with a spontaneous reinflation)   | Α                | No (or only a small number of collapsed cells with a spontaneous reinflation)  | Α                |
| Twist occurs   | No  | Α                | No   | Α                |
| Cascade occurs   | No  | Α                | No   | Α                |
| Folding lines used   | No  | Α                | No   | Α                |
| Large asymmetric collapse with fully activated accelerator   |   |                  |  |                  |
| Change of course until re-inflation / Maximum dive forward or roll angle   | 90° to 180° / Dive or roll angle<br>15° to 45°  | В                | 90° to 180° / Dive or roll angle<br>15° to 45°   | В                |
| Re-inflation behaviour   | Spontaneous re-inflation  | Α                | Spontaneous re-inflation   | Α                |
| Total change of course   | Less than 360°  | Α                | Less than 360°   | Α                |
| Collapse on the opposite side occurs   | No (or only a small number of collapsed cells with a spontaneous reinflation)   | Α                | No (or only a small number of collapsed cells with a spontaneous reinflation)  | Α                |
| Twist occurs   | No  | Α                | No   | Α                |
| Cascade occurs   | No  | Α                | No   | Α                |
| Folding lines used   | No  | Α                | No   | Α                |
| 15. Directional control with a maintained asymmetric collapse  | A   |                  |  |                  |
| Able to keep course  | Yes   | Α                | Yes  | Α                |
| 180° turn away from the collapsed side possible in 10 s  | Yes   | A                | Yes  | A                |
| Amount of control range between turn and stall or spin   | More than 50 % of the symmetric   | Α                | More than 50 % of the symmetric  | A                |
| Amount of control range between turn and stall of spiri  | control travel  | ^                | control travel   | ^                |
| 16. Trim speed spin tendency   | Α   |                  |  |                  |
| Spin occurs  | No  | Α                | No   | Α                |
| 17. Low speed spin tendency  | Α   |                  |  |                  |
| Spin occurs  | No  | Α                | No   | Α                |
| 18. Recovery from a developed spin   | A   |                  |  |                  |
| Spin rotation angle after release  | Stops spinning in less than 90°   | Α                | Stops spinning in less than 90°  | Α                |
| Cascade occurs   | No  | Α                | No   | Α                |
| 19. B-line stall   | 0   |                  |  |                  |
| Change of course before release  | not available   | 0                | not available  | 0                |
| Behaviour before release   | not available   | 0                | not available  | 0                |
| Recovery   | not available   | 0                | not available  | 0                |
| Dive forward angle on exit   | not available   | 0                | not available  | 0                |
| Cascade occurs   | not available   | 0                | not available  | 0                |
| 20. Big ears   | <b>A</b>  |                  |  |                  |
| Entry procedure  | Dedicated controls  | Α                | Dedicated controls   | Α                |
| Behaviour during big ears  | Stable flight   | Α                | Stable flight  | Α                |
| _  | Stable flight   |                  |  |                  |
| Recovery   | Spontaneous in less than 3 s  | Α                | Spontaneous in less than 3 s   | Α                |
| Recovery Dive forward angle on exit  | Spontaneous in less than 3 s<br>Dive forward 0° to 30°  |                  | Spontaneous in less than 3 s<br>Dive forward 0° to 30°   |                  |
| Recovery Dive forward angle on exit 21. Big ears in accelerated flight   | Spontaneous in less than 3 s Dive forward 0° to 30°  A  | A<br>A           | Dive forward 0° to 30°   | A<br>A           |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure  | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls   | A<br>A           | Dive forward 0° to 30°  Dedicated controls   | A<br>A           |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears  | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight   | A<br>A<br>A      | Dive forward 0° to 30°  Dedicated controls  Stable flight  | A<br>A<br>A      |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery   | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s  | A<br>A<br>A<br>A | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit  | Spontaneous in less than 3 s Dive forward 0° to 30°  A  Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°                          | A A A A          | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  Dive forward 0° to 30°                    | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery   | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s  | A<br>A<br>A<br>A | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while  | Spontaneous in less than 3 s Dive forward 0° to 30°  A  Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°                          | A A A A          | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  Dive forward 0° to 30°                    | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears   | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight             | A A A A          | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  Dive forward 0° to 30°                    | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears  22. Alternative means of directional control   | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight             | A A A A A        | Dive forward 0° to 30°  Dedicated controls  Stable flight  Spontaneous in less than 3 s  Dive forward 0° to 30°  Stable flight     | A<br>A<br>A<br>A |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears  22. Alternative means of directional control  180° turn achievable in 20 s   | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  A Yes      | A A A A A A      | Dive forward 0° to 30°  Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  Yes    | A A A A A A      |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears  22. Alternative means of directional control 180° turn achievable in 20 s Stall or spin occurs  23. Any other flight procedure and/or configuration                                | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  A Yes No   | A A A A A A      | Dive forward 0° to 30°  Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  Yes    | A A A A A A      |
| Recovery Dive forward angle on exit  21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears  22. Alternative means of directional control 180° turn achievable in 20 s Stall or spin occurs  23. Any other flight procedure and/or configuration described in the user's manual | Spontaneous in less than 3 s Dive forward 0° to 30°  A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  A Yes No A | A A A A A A A    | Dive forward 0° to 30°  Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight  Yes No | A A A A A A      |