

Flight test report: EN 926-2:2013

Manufacturer	Ozone Gliders	Certification number		PG_1006.2015	
Address	2, Queens Drive	Date of flight test		01. 12. 2015	
	LA46LN .	_ etc etg. teet			
	UK				
Glider model	Buzz Z5 S	Classification		В	
Serial number	PR12-Q-45D-017	Representative		Russel	
Trimmer	no	Place of test		Villeneuve	
Test pilot		Dupont Philippe		Thurnheer Claude	
Harness		Supair - Altiplume S		Niviuk - Hamak M	
Harness to risers dis	stance (cm)	43		44	
Distance between ris	sers (cm)	40		44	
Total weight in flight	t (ka)	65		85	
5 5					
1. Inflation/Take-off		А			
Rising behaviour		Smooth, easy and constant rising	А	Smooth, easy and constant rising	А
Special take off technique r	equired	No	А	No	А
2. Landing		Α			
Special landing technique r		No	А	No	А
3. Speed in straight flight		Α			
Trim speed more than 30 k		Yes	А	Yes	А
Speed range using the con	trols larger than 10 km/h	Yes	А	Yes	А
Minimum speed		Less than 25 km/h	А	Less than 25 km/h	А
4. Control movement		Α			
Max. weight in flight up to	90 kg				
) OU KU				
Symmetric control pressure	-	Increasing / greater than 55 cm	А	not available	0
Symmetric control pressure	e / travel	Increasing / greater than 55 cm	A	not available	0
Symmetric control pressure Max. weight in flight 80 kg	e / travel g to 100 kg				0
Symmetric control pressure	e / travel g to 100 kg	Increasing / greater than 55 cm not available	A 0	not available Increasing / greater than 60 cm	0 A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure	e / travel g to 100 kg e / travel				
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight grea	e / travel g to 100 kg e / travel ter than 100 kg		0	Increasing / greater than 60 cm	A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight grea Symmetric control pressure	e / travel g to 100 kg e / travel ter than 100 kg e / travel	not available			
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight grea	e / travel g to 100 kg e / travel ter than 100 kg e / travel	not available	0	Increasing / greater than 60 cm	A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight grea Symmetric control pressure 5. Pitch stability exiting a	e / travel g to 100 kg e / travel ter than 100 kg e / travel	not available not available A	0	Increasing / greater than 60 cm not available	A 0
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating	e / travel g to 100 kg e / travel ter than 100 kg e / travel	not available not available A Dive forward less than 30°	0 0 A	Increasing / greater than 60 cm not available Dive forward less than 30°	A 0 A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight	not available not available A Dive forward less than 30° No A	0 0 A	Increasing / greater than 60 cm not available Dive forward less than 30° No	A 0 A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated	not available not available A Dive forward less than 30° No A No	0 0 A	Increasing / greater than 60 cm not available Dive forward less than 30°	A 0 A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated	not available not available A Dive forward less than 30° No A No A	0 0 A A	Increasing / greater than 60 cm not available Dive forward less than 30° No	A O A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated	not available not available A Dive forward less than 30° No A No A Reducing	0	Increasing / greater than 60 cm not available Dive forward less than 30° No	A 0 A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls	not available not available A Dive forward less than 30° No A No A Reducing A	0 0 A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing	A O A A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing ls ght flight	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit	0 0 A A	Increasing / greater than 60 cm not available Dive forward less than 30° No	A O A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig 9. Behaviour exiting a full	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A	0 A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing Spontaneous exit	A 0 A A A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit	0 0 A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing	A O A A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig 9. Behaviour exiting a full	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive st 180°)	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of turn Spontaneous exit (g force	0 A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing Spontaneous exit	A 0 A A A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig 9. Behaviour exiting a full Initial response of glider (fir	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive st 180°)	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of turn Spontaneous exit (g force decreasing, rate of turn	0 A A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing Spontaneous exit Immediate reduction of rate of turn	A 0 A A A A A
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig 9. Behaviour exiting a full Initial response of glider (fin Tendency to return to straig	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive st 180°) ght flight	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of turn Spontaneous exit (g force decreasing, rate of turn decreasing)	0 A A A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing Spontaneous exit Immediate reduction of rate of turn Spontaneous exit (g force decreasing, rate of turn decreasing)	 A A<
Symmetric control pressure Max. weight in flight 80 kg Symmetric control pressure Max. weight in flight great Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and damp Oscillations 8. Stability in gentle spirat Tendency to return to straig 9. Behaviour exiting a full Initial response of glider (fir	e / travel g to 100 kg e / travel ter than 100 kg e / travel ccelerated flight g controls during accelerated ing lls ght flight ly developed spiral dive st 180°) ght flight	not available not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of turn Spontaneous exit (g force decreasing, rate of turn	0 A A A A A	Increasing / greater than 60 cm not available Dive forward less than 30° No No Reducing Spontaneous exit Immediate reduction of rate of turn Spontaneous exit (g force	A 0 A A A A A

10. Symmetric front collapse

Α

Approximately 20% abord				
Approximately 30 % chord Entry	Rocking back less than 45°	۸	Rocking back less than 45°	А
-	-	A	-	
Recovery	Spontaneous in less than 3 s Dive forward 0° to 30° Keeping	A	Spontaneous in less than 3 s	A
Dive forward angle on exit Change of course	course	A	Dive forward 0° to 30° Keeping course	A
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
At least 50% chord				
Entry	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping	A	Dive forward 0° to 30° / Keeping	A
	course		course	
Cascade occurs	No	A	No	A
Folding lines used	No	A	No	A
With accelerator				
Entry	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	А	Dive forward 0° to 30° / Keeping course	А
Cascade occurs	No	А	No	А
Folding lines used	No	A	No	A
11. Exiting deep stall (parachutal stall)	A	,,		7.
Deep stall achieved	Yes	А	Yes	А
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	А	No	Α
Cascade occurs 12. High angle of attack recovery	No A	А	No	А
12. High angle of attack recovery	Α			
	A Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
12. High angle of attack recovery Recovery Cascade occurs	Α			
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 	A Spontaneous in less than 3 s No	А	Spontaneous in less than 3 s	А
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit 	A Spontaneous in less than 3 s No A	A A	Spontaneous in less than 3 s No Dive forward 0° to 30°	A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse 	A Spontaneous in less than 3 s No A Dive forward 0° to 30°	A A A	Spontaneous in less than 3 s No	A A
12. High angle of attack recoveryRecoveryCascade occurs13. Recovery from a developed full stallDive forward angle on exitCollapseCascade occurs (other than collapses)	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse	A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse	A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse 	A Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No	A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A
12. High angle of attack recoveryRecoveryCascade occurs13. Recovery from a developed full stallDive forward angle on exitCollapseCascade occurs (other than collapses)Rocking back	A Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No	A A A A A
12. High angle of attack recoveryRecoveryCascade occurs13. Recovery from a developed full stallDive forward angle on exitCollapseCascade occurs (other than collapses)Rocking backLine tension14. Asymmetric collapse	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A A
12. High angle of attack recoveryRecoveryCascade occurs13. Recovery from a developed full stallDive forward angle on exitCollapseCascade occurs (other than collapses)Rocking backLine tension14. Asymmetric collapseSmall asymmetric collapse	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B	A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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 	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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 	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle	A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0°	A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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 	A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15°	A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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 	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a 	A A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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 	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of 	A A A A A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of	A A A A A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall 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	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° 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	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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
12. High angle of attack recoveryRecoveryCascade occurs13. Recovery from a developed full stallDive forward angle on exitCollapseCascade occurs (other than collapses)Rocking backLine tension14. Asymmetric collapseSmall asymmetric collapseChange of course until re-inflation / Maximum dive forward or roll angleRe-inflation behaviourTotal change of courseCollapse on the opposite side occursTwist occursCascade occurs	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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 A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. 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 	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No No 	A A A A A A A A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A
12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. 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	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. 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 	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A
 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. 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 	 A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A A A A A A	Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° 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 A A A A A A A A

Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	A	No	A
				7.
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	A	Less than 90° / Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or	90° to 180° / Dive or roll angle	в	90° to 180° / Dive or roll angle 15°	в
roll angle	15° to 45°	D	to 45°	U
Re-inflation behaviour	Spontaneous re-inflation	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
15. Directional control with a maintained asymmetric collapse	Α			
Able to keep course	Yes	А	Yes	А
180° turn away from the collapsed side possible in 10 s	Yes	А	Yes	А
Amount of control range between turn and stall or spin	More than 50 % of the	A	More than 50 % of the symmetric	A
· · · · · · · · · · · · · · · · · · ·	symmetric control travel		control travel	
16. Trim speed spin tendency	Α			
Spin occurs	No	А	No	А
17. Low speed spin tendency	Α			
Spin occurs	No	А	No	А
18. Recovery from a developed spin	Α			
Spin rotation angle after release	Stops spinning in less than 90°	А	Stops spinning in less than 90°	А
Cascade occurs	No	А	No	A
19. B-line stall	Α			
Change of course before release	Changing course less than 45°	А	Changing course less than 45°	А
Behaviour before release	Remains stable with straight span	A	Remains stable with straight span	A
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
Cascade occurs	No	А	No	А
20. Big ears	Α			
Entry procedure	Dedicated controls	А	Dedicated controls	А
Behaviour during big ears	Stable flight	А	Stable flight	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
21. Big ears in accelerated flight	Α			
Entry procedure	Dedicated controls	А	Dedicated controls	А
Behaviour during big ears	Stable flight	А	Stable flight	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in 3 s to 5 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А

А
Α
0
0
0

24. Comments of test pilot

Comments