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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Flight test report: EN 926-2:2013 & LTF 91/09

•		Certification number	г	00 1675 2020		
Manufacturer Sol Paragliders				PG_1675.2020		
Address	Rua Walter Marquardt, 1180 cp 370 89259-565 Jaraguà do Sul, S.C. Brazil	Flight test	1	2.03.2020		
Glider model Sycross 2 L		Classification	В			
Serial number 22141		Representative	Ν	None		
Trimmer	no	Place of test		/illeneuve		
Folding lines used	no		•			
Test pilot		Claude Thurnheer	А	Alain Zoller		
Harness		Supair - Evo XC 3 M	Α	Advance - Success 4 L		
		44		44		
Harness to risers distance (cm)			-	44		
Distance between ris	. ,	44				
Total weight in flight (kg)		95	1	110		
1. Inflation/Take-off		В				
Rising behaviour		Smooth, easy and constant rising	A	Easy rising, some pilot correction is required	В	
Special take off technique	required	No	А	No	A	
2. Landing		Α				
Special landing technique r	required	No	А	No	A	
3. Speed in straight flight	1	Α				
Trim speed more than 30 k	xm/h	Yes	А	Yes	A	
Speed range using the controls larger than 10 km/h		Yes	А	Yes	A	
Minimum speed		Less than 25 km/h	А	Less than 25 km/h	A	
4. Control movement		Α				
Max. weight in flight up to	o 80 kg					
Symmetric control pressure	e / travel	not available	0	not available	0	
Max. weight in flight 80 kg	g to 100 kg					
Symmetric control pressure		Increasing / greater than 60 cm	А	not available	0	
Max. weight in flight grea	ter than 100 kg					
Symmetric control pressure	e / travel	not available	0	Increasing / greater than 65 cm	A	
5. Pitch stability exiting a	ccelerated flight	Α				
Dive forward angle on exit		Dive forward less than 30°	А	Dive forward less than 30°	A	
Collapse occurs		No	А	No	A	
flight	g controls during accelerated	Α				
Collapse occurs		No	A	No	A	
7. Roll stability and damp	bing	A				
Oscillations		Reducing	A	Reducing	A	
8. Stability in gentle spira		Α	-			
Tendency to return to straig		Spontaneous exit	A	Spontaneous exit	A	
9. Behaviour exiting a ful		A				
Initial response of glider (fir		Immediate reduction of rate of turn	A	Immediate reduction of rate of turn	A	
Tendency to return to straig		Spontaneous exit (g force decreasing, rate of turn decreasing)	A	Spontaneous exit (g force decreasing, rate of turn decreasing)	Α	
Turn angle to recover normal flight		Less than 720°, spontaneous	А	Less than 720°, spontaneous	A	
		recovery		recovery		

Approximately 30 % 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	А	No	А
Folding lines used	No		No	
At least 50% chord				
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	A	Dive forward 0° to 30° / Keeping course	A
Cascade occurs	No	А	No	А
Folding lines used	No		No	
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	A	Dive forward 0° to 30° / Keeping course	A
Cascade occurs	No	А	No	А
Folding lines used	No		No	
11. Exiting deep stall (parachutal stall)	Α			
Deep stall achieved	Yes	А	Yes	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
Change of course	Changing course less than 45°	А	Changing course less than 45°	А
Cascade occurs	No	А	No	А
12. High angle of attack recovery	Α			
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Cascade occurs	No	А	No	А
13. Recovery from a developed full stall	В			
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 30° to 60°	В
Collapse	No collapse	А	No collapse	А
Cascade occurs (other than collapses)	No	А	No	А
Rocking back	Less than 45°	А	Less than 45°	А
Line tension	Most lines tight	А	Most lines tight	А
14. Asymmetric collapse	В			
Small asymmetric collapse				
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 0° to 15°	A
Re-inflation behaviour	Spontaneous re-inflation	Α	Spontaneous re-inflation	А
	I II 0000		Less than 360°	
Total change of course	Less than 360°	А	Less than 500	А
Total change of course Collapse on the opposite side occurs	Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A A
-	No (or only a small number of collapsed cells with a spontaneous		No (or only a small number of collapsed cells with a spontaneous	
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
Collapse on the opposite side occurs Twist occurs	No (or only a small number of collapsed cells with a spontaneous reinflation) No	A A	No (or only a small number of collapsed cells with a spontaneous reinflation) No	A A
Collapse on the opposite side occurs Twist occurs Cascade occurs	No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A	No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A
Collapse on the opposite side occurs Twist occurs Cascade occurs Folding lines used	No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A	No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A
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	No (or only a small number of collapsed cells with a spontaneous reinflation) No No 90° to 180° / Dive or roll angle	A A A	No (or only a small number of collapsed cells with a spontaneous reinflation) No No No 90° to 180° / Dive or roll angle	A A A
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	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°	A A A B	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°	A A B
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	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	A A B A	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	A A B A
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	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	A A B A	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	A A B A A
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	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	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
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	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) No	A A A A A A	No (or only a small number of collapsed cells with a spontaneous reinflation) 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) No	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°	A	Less than 90° / Dive or roll angle 0° to 15°	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		No	
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 15° to 45°	В	90° to 180° / Dive or roll angle 15° to 45°	В
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		No	
15. Directional control with a maintained asymmetric	Α			
collapse				
Able to keep course	Yes	А	Yes	A
180° turn away from the collapsed side possible in 10 s	Yes	А	Yes	A
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	A	More than 50 % of the symmetric control travel	A
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	В			
io. Recovery from a developed spin	D			
Spin rotation angle after release	D Stops spinning in 90° to 180°	в	Stops spinning in less than 90°	А
		B A	Stops spinning in less than 90° No	A A
Spin rotation angle after release	Stops spinning in 90° to 180°			
Spin rotation angle after release Cascade occurs	Stops spinning in 90° to 180° No			
Spin rotation angle after release Cascade occurs 19. B-line stall	Stops spinning in 90° to 180° No A	A	No	A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release	Stops spinning in 90° to 180° No A Changing course less than 45°	A A	No Changing course less than 45°	A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span	A A A	No Changing course less than 45° Remains stable with straight span	A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s	A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s	A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No	A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B	A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No	A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls	A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls	A A A A A A
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Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s	A A A A A A B	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s	A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30°	A A A A A A B	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s	A A A A A A A A
Spin rotation angle after releaseCascade occurs19. B-line stallChange of course before releaseBehaviour before releaseRecoveryDive forward angle on exitCascade occurs20. Big earsEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flight	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30°	A A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A A
Spin rotation angle after releaseCascade occurs19. B-line stallChange of course before releaseBehaviour before releaseRecoveryDive forward angle on exitCascade occurs20. Big earsEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedure	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30° A Dedicated controls	A A A A A A B A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30° A Dedicated controls Stable flight	A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight	A A A A A A A A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30° A Dedicated controls Stable flight Spontaneous in less than 3 s	A A A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s	A A A A A A A A A A A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 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 A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A A A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour during big ears	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 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 A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A A A A A A A A A A
Spin rotation angle after releaseCascade occurs19. B-line stallChange of course before releaseBehaviour before releaseRecoveryDive forward angle on exitCascade occurs20. Big earsEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedureBehaviour during big earsRecoveryDive forward angle on exitBehaviour during big earsRecoveryDive forward angle on exitBehaviour during big earsRecoveryDive forward angle on exitBehaviour jug big earsRecoveryDive forward angle on exitBehaviour immediately after releasing the accelerator while maintaining big ears	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 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 A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A A A A A A A A A A
Spin rotation angle after releaseCascade occurs19. B-line stallChange of course before releaseBehaviour before releaseRecoveryDive forward angle on exitCascade occurs20. Big earsEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedureBehaviour during big earsRecoveryDive forward angle on exit21. Big ears in accelerated flightEntry procedureBehaviour during big earsRecoveryDive forward angle on exitBehaviour during big earsRecoveryDive forward angle on exitBehaviour immediately after releasing the accelerator while maintaining big ears22. Alternative means of directional control180° turn achievable in 20 sStall or spin occurs	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30° A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	A A A A A A A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A A A A A A A A A A A A A A A A A A A
Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 22. Alternative means of directional control 180° turn achievable in 20 s	Stops spinning in 90° to 180° No A Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No B Dedicated controls Stable flight Spontaneous in 3 s to 5 s Dive forward 0° to 30° A Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	A A A A A A A A A A A A A A A A	No Changing course less than 45° Remains stable with straight span Spontaneous in less than 3 s Dive forward 0° to 30° No Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Dedicated controls Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	A A A A A A A A A A A A A A A
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