Flight test report

Manufacturer Airwave Address Gewerbepark 6

6142 Mieders Austria Representive Pierre-Yves Alloix

> Rising behaviour Special take off technique

Special landing technique

Trim speed more than 30 k Speed range using the cor Minimum speed 4. Control movement

Max. weight in flight up to

Symmetric control pressur Max. weight in flight 80 kg

Type of glider Sport 4 M

not available Trimmer

1. Inflation/Take-off

3. Speed in straight flight

2. Landing

PG 116.2007 Certification number Date of flight test 11/12/2007 Monaco Place of test



Classification B

Test Pilot Claude Thurnheer Harness Advance Progress M light Alain Zoller Airwave - GT M

Total weight in flight	80 kg	105 kg
	Min weight	Max weight
e required	Smooth, easy and constant rising A No A	Smooth, easy and constant rising No
e required	No A	No
km/h ontrols larger than 10 km/h	Yes A Yes A Less than 25 km/h A	Yes Yes
o 80 kg ıre/travel g to 100 kg		not available
ıre/travel <i>ter than 100 kg</i> ıre/travel	11	not available Increasing, Greater than 65 cm
ght it	Dive forward less than 30° A No A	Dive forward less than 30°
ring accelerated flight	No A	No
	Reducing A	Reducing
aight flight	Spontaneous exit A	Spontaneous exit
	More than 14 m/s	More than 14 m/s
it		Rocking back less than 45° Spontaneous in less than 3 s Dive foward 0°to 30°, Keeping course No
	Rocking back less than 45° A Spontaneous in less than 3 s A	Rocking back less than 45° Spontaneous in less than 3 s

Symmetric control pressurestrayed Approximately constant, Greater than 55 or Mark veglet in Birthy frogenet than 100 kg Symmetric control pressurestrayed Not available Not av		Max. weight in flight 80 kg to 100 kg				
Symmetric front collapse Recovery Recov			Approximately constant, Greater than 55 cm	В	not available	0
5. Pitch stability exiting accelerated flight Per forward angle on exit Collapse occurs No						
Dive forward less than 30"			not available	0	Increasing, Greater than 65 cm	Α
Collapse occurs Chief stability operating controls during accelerated flight Collapse occurs Reducing Oscillations Reducing Oscillations Reducing R	5. Pitch stabi					
8. Pich stability operating controls during accelerated flight Collapse occurs Reducing Reduc						
Collapse occurs Occillations Collapse occurs Occillations Collapse occurs To distability in genite spirals Tendency to return to straight flight To distability in genite spirals Tendency to return to straight flight To distability in genite spirals Tendency to return to straight flight To straight flight To distability in genite spirals To distability in genite spirals Tendency to return to straight flight To distability in genite spirals To distability in g			No	Α	No	Α
7. Rodisability and damping Cacillations Reducing A Reducing A Reducing A Setability in gentle spirals Sitability in gentle spirals	6. Pitch stabi					
Stability in general sprials			No	Α	No	Α
8. Stability in gentle spirals Tendency to return to straight flight Sink rate after two turns More than 14 m/s 8. Recovery Fitting Recovery Spontaneous in less than 3 s Dive forward off to 30°, Keeping course No Recovery Recov	7. Roll stabili					
Sebanisour in asteeply banked turn Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Sink rate after two turns Nore than 14 m/s Spontaneous in less than 3 s Nore than 14 m/s Nore than 14 m/s Spontaneous in less than 3 s Nore than 14 m/s Nore than 1			Reducing	Α	Reducing	Α
9. Behaviour in a steeply banked turn Sink rate after two turns More than 14 m/s B 10. Symmetric front collapse Entry Recovery Spontaneous in less than 3 s Dive forward angle on exit Dive forward angle on exit Recovery	8. Stability in					
Sink rate after two turns			Spontaneous exit	Α	Spontaneous exit	Α
10. Symmetric front collapse Entry Recovery Recovery Spontaneous in less than 45° A Rocking back less than 45° A Spontaneous in less than 3 s A Dive forward angle on exit Cascade occurs No Entry Recovery Recovery Recovery Recovery Recovery Recovery No Dive forward office 30°, Keeping course No 11. Exiting deep stall (charactural stall) Dive forward angle on exit Dive forward office 30°, Keeping course No 11. Exiting deep stall (paractural stall) Dive forward angle on exit Change of course Recovery No Dive forward office 30°, Keeping course Changing course Changing course Changing course Changing course less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 3 s A No 11. Exiting deep stall (paractural stall) Dive forward angle on exit Change of course Changing course less than 45° No 12. High angle of attack recovery Recovery Spontaneous in less than 3 s Cascade occurs No	9. Behaviour			_		
Entry Recovery Spontaneous in less than 3 s A Rocking back less than 45° A Rocking back less than 45° A Rocking back less than 45° A Dive forward angle on exist Dive forward 0°to 30°, Keeping course A Dive forward angle on exist No No A No With accelerator Entry Recovery Spontaneous in less than 45° A Rocking back less than 45° A Rocking back less than 45° A Rocking back less than 45° A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 45° A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 45° A Spontaneous in less than 45° A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 45° A No A No Change of course A Spontaneous in less than 3 s A Spontaneous in less than 45° A Dive forward 0°to 30° A No Changing course less than 45° A No Collapse No Collapse No Collapse A			More than 14 m/s	В	More than 14 m/s	В
Recovery Dive forward angle on exit Cascade occurs No With accelerator Entry Recovery Dive forward or "0 30", Keeping course Entry Recovery Dive forward angle on exit Dive forward or "0 30", Keeping course No Dive forward or "0 30", Keeping course No Dive forward or "0 30", Keeping course No Dive forward angle on exit Dive forward or "0 30", Keeping course No 11. Exiting deep stall (parachutal stall) Dive forward or "0 30", Keeping course No	10. Symmetri					
Dive forward angle on exit Cacacade occurs No With accelerator Entry Recovery Dive forward angle on exit Cacacade occurs No						
Cascade occurs Mith accelerator Entry Recovery Dive forward angle on exit Cascade occurs No 11. Exiting deep stall (parachutal stall) Deep stall achieved Recovery Spontaneous in less than 3 s Recovery Recovery Recovery Spontaneous in less than 3 s Recovery						
### Recovery Rocking back less than 45° A Rocking back les						
Entry Recovery Spontaneous in less than 45° A Recovery Dive forward angle on exit Cascade occurs No 11. Exiting deep stall (parachutal stall) Deep stall achieved Recovery Spontaneous in less than 3 s A Spontaneous in less than 4 s A No 12. High angle of attack recovery Recovery Recovery Spontaneous in less than 3 s A Spontaneous in less than 4 s A No 13. Recovery from a developed full stall Dive forward 0°to 30° A Spontaneous in less than 3 s A Spontaneous in less than 45° A No 12. High angle of attack recovery Reco			No	Α	No	Α
Recovery Dive forward angle on exit Dive forward ofte 30°, Keeping course No 11. Exiting deep stall (parachutal stall) Deep stall achieved Recovery Dive forward ofte 30° A D						
Dive forward angle on exit Cascade occurs No No A No Son, Keeping course A Cascade occurs No No A No A Spontaneous in less than 3 s A Spontaneous in less than 45° A Changing course decours No A No						
Cascade occurs No No Per Spontaneous in less than 3 s A Spontaneous in less than 3 s Dive forward angle on exit Change of course Cascade occurs No 12. High angle of attack recovery Recovery Spontaneous in less than 3 s A Spontaneous in less than 45° A Changing course less than 45° A No A No 12. High angle of attack recovery Recovery Spontaneous in less than 3 s Cascade occurs No 13. Recovery Spontaneous in less than 3 s Cascade occurs No 13. Recovery Spontaneous in less than 3 s Cascade occurs No 13. Recovery No Cascade occurs No 14. Asymmetric collapse Cascade occurs (other than collapse) Cascade occurs (other than collapse) Change of course until re-inflation Total change of course Cascade occurs No Cascade occurs With 50% collapse-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Total change of course No Cascade occurs No No A No A No A No A Spontaneous re-inflation A Spontaneous re-inflation Re-inflation behaviour Spontaneous re-inflation Re-inflation behaviour Total change of course Less than 90°, Dive or roll angle 15° to 45° No Cascade occurs No A No A No A No A Spontaneous re-inflation A Spontaneous re-inflation A No A No A No A No A No A No A Spontaneous re-inflation A Spontaneous re-inflation A No A						
11. Exiting deep stall (parachutal stall) Deep stall achieved Recovery Dive forward angle on exit Change of course Change of course Change of course Change of attack recovery Recover		Dive forward angle on exit	Dive foward 0°to 30°, Keeping course	Α	Dive foward 0°to 30°, Keeping course	
Deep stall achieved Yes Spontaneous in less than 3 s A Pes A Recovery Spontaneous in less than 3 s A Dive forward angle on exit Dive forward 0°to 30° A Dive forward 0°to 30° A Changing course less than 45° A No A N		Cascade occurs	No	Α	No	Α
Recovery Dive forward angle on exit Dive forward 0°to 30° Change of course Cascade occurs No No A	11. Exiting do	eep stall (parachutal stall)				
Dive forward angle on exit Change of course Changing course less than 45° A Cascade occurs No A 12. High angle of attack recovery Recovery Cascade occurs No Borntaneous in less than 3 s Cascade occurs No A 13. Recovery from a developed full stall Dive forward 0°to 30° Collapse Collapse A Collapse of course until re-inflation A Collapse of course Less than 360° A A No A A A A Collapse A Collapse A Collapse of course Less than 360° A A A A Collapse A Collapse of course A A Collapse of course A A Collapse of course A A Collapse A A Collapse A A Collapse A A Cest than 90°, Dive or roll angle 15° to 45° A A A A A A A A A A A A A A Cless than 90°, Dive or roll angle 15° to 45° A A A A A A A A A A A A A A A A A A A		Deep stall achieved	Yes	Α	Yes	Α
Changing course Changing course less than 45° A Changing course less than 45° A No 12. High angle of attack recovery Spontaneous in less than 3 s A Cascade occurs No Recovery Spontaneous in less than 3 s A No Cascade occurs No A No 13. Recovery from a developed full stall Dive forward one with Dive forward one with Dive forward one other with Dive forward one with Dive one wi		Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Cascade occurs Recovery Recovery Recovery Cascade occurs No 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapse) No Rocking back Line tension No 14. Asymmetric collapse With 50% collapse-Maximum dive forward or roll angle Collapse occurs With 50% collapse-deside occurs No Collapse occurs No		Dive forward angle on exit	Dive forward 0°to 30°	Α	Dive forward 0°to 30°	Α
12. High angle of attack recovery Spontaneous in less than 3 s A Cascade occurs No A No		Change of course	Changing course less than 45°	Α	Changing course less than 45°	Α
Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse No collapse Cascade occurs (other than collapse) No No No No No No No No No No		Cascade occurs	No	Α	No	Α
Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse No collapse Cascade occurs (other than collapse) No No No No No No No No No No	12. High ang	le of attack recovery				
Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapse) Cascade occurs (other than collapse) Rocking back Less than 45° Line tension Most line tight 14. Asymmetric collapse With 50% collapse-Maximum dive forward or roll angle Change of course until re-inflation Total change of course Collapse occurs No Cascade occurs No Cascade occurs No Cascade occurs No Re-inflation behaviour Cascade occurs No Cascade occurs No Re-inflation behaviour Cascade occurs No Cascade occurs No Re-inflation behaviour Cascade occurs No Re-inflation behaviour Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Collapse on the opposite side occurs No Cascade occurs No Cascade occurs No Cascade occurs No Re-inflation behaviour Spontaneous re-inflation A No			Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
13. Recovery from a developed full stall Dive forward 0°to 30° A Collapse No collapse No collapse No collapse No collapse No collapse A Less than 360° A Less than 360° A Less than 360° A No collapse A Collapse on the opposite side occurs A No cascade occurs A Re-inflation behaviour A Cascade occurs A Re-inflation behaviour A No				Α	No	
Dive forward angle on exit Collapse No collapse No collapse No collapse No Rocking back Less than 45° Less than 45° A Nost line tension No No Nost line tight A Less than 45° A Less than 45° A Nost line tight A Nost line tight A Nost line tight A Less than 45° A Less than 45° A Nost line tight A Nost line tight A Less than 45° A Less than 45° A Nost line tight A Nost line tight A Less than 45° A Less than 45° A Less than 45° A Less than 45° A Nost line tight A Less than 45° A Less than 40° to 15° A A No	13. Recovery	from a developed full stall				
Collapse Cascade occurs (other than collapse) No collapse A No collapse A No collapse A No cascade occurs (other than collapse) No A Less than 45° A Most line tight line tight a Most line tight line t	Ĭ		Dive forward 0°to 30°	Α	Dive forward 0°to 30°	Α
Rocking back Lies than 45° Line tension Most line tight A A Most line tight A Most line tight A A A A A A A A A A A A A A A A A A A			No collapse	Α	No collapse	Α
Rocking back Line tension Most line tight A Less than 90°, Dive or roll angle 0° to 15° A No		Cascade occurs (other than collapse)	No .	Α	No .	Α
Line tension 14. Asymmetric collapse With 50% collapse-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Total change of course Less than 360° No Collapse on the opposite side occurs No Cascade occurs No Re-inflation behaviour Change of course Less than 360° No A Cascade occurs No Cascade occurs No Change of course until re-inflation No Cascade occurs No Cascade occurs No Change of course Change of course Change of course Change of course Less than 90°, Dive or roll angle 0° to 15° A Collapse-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Collapse on the opposite side occurs No A Cascade occurs No A Ca			Less than 45°	Α	Less than 45°	Α
14. Asymmetric collapse With 50% collapse-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation Less than 90°, Dive or roll angle 0° to 15° A Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Spontaneous re-inflation A No						
With 50% collapse-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A Collapse on the opposite side occurs No A Twist occurs No Cascade occurs No With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 0° to 15° A Less than 360° A Less than 360° A No A No A With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A Collapse on the opposite side occurs No A Twist occurs No Cascade occurs No A Collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A No A Twist occurs No A Cascade occurs No A Collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Cascade occurs No A Collapse and accelerator-Maximum dive forward or roll angle Change of course Cascade occurs No A Cascade occurs N	14. Asymmet				J	
Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Collapse on the opposite side occurs No Cascade occurs No Re-inflation behaviour Change of course Less than 360° No A No Cascade occurs No Change of course until re-inflation A No A						
Re-inflation behaviour Total change of course Less than 360° A Collapse on the opposite side occurs No Twist occurs No Cascade occurs No Change of course duil re-inflation Change of course duil re-inflation Change of course until re-inflation Collapse on the opposite side occurs No Cascade occurs No Cascade occurs No Change of course until re-inflation Change of course until re-inflation Collapse on the opposite side occurs No Collapse on the opposite side occurs No Collapse on the opposite side occurs No Cascade occurs No Cascade occurs No Collapse on the opposite side occurs No Cascade occurs No A C			Less than 90°. Dive or roll angle 0° to 15°	Α	Less than 90°. Dive or roll angle 0° to 15°	Α
Total change of course Collapse on the opposite side occurs No No Cascade occurs No With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation No A Collapse on the opposite side occurs No Course until re-inflation No A Course until re-inflation A Collapse and accelerator-Maximum dive forward or roll angle Course until re-inflation A Collapse and accelerator-Maximum dive forward or roll angle Course until re-inflation A Course until re-inflation A Course until re-inflation A Collapse and accelerator-Maximum dive forward or roll angle Course until re-inflation A Course until re-inflation A Course until re-inflation A Course un						
Collapse on the opposite side occurs No Twist occurs No No A Cascade occurs No With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A Collapse on the opposite side occurs No A Twist occurs No A Cascade occurs A Cascade occurs No A Cascade occurs A Casc						
Twist occurs No A Cascade occurs No A Cascade occurs No A With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Collapse on the opposite side occurs No A Cascade occurs No A No A Cascade occurs No A No						
Cascade occurs With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Change of course until re-inflation Change of course until re-inflation Change of course until re-inflation Cascade occurs No No A With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Change of course						
With 75% collapse-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A Collapse on the opposite side occurs No Twist occurs No Cascade occurs No With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A No A No A No A Vith 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Spontaneous re-inflation A Less than 360°						
Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation Less than 90°, Dive or roll angle 15° to 45° A Spontaneous re-inflation A Spontaneous re-inflation A Spontaneous re-inflation A Collapse on the opposite side occurs No A Twist occurs No Cascade occurs No With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A No A No A No A No A No A No A Spontaneous re-inflation			140	^	140	
Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Collapse on the opposite side occurs No A Twist occurs No A Cascade occurs No A Cascade occurs No A Cascade occurs No A Cascade occurs No A			Less than 90° Dive or roll angle 15° to 45°	Δ	Less than 90° Dive or roll angle 15° to 45°	Δ
Total change of course Less than 360° A Collapse on the opposite side occurs No Twist occurs No Cascade occurs No With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Less than 360°						
Collapse on the opposite side occurs No Twist occurs No Cascade occurs No With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Spontaneous re-inflation A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Less than 90°, Dive or roll angle 0° to 15° A Cascade occurs A Cascade occurs						
Twist occurs No A Cascade occurs No A With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° A Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A No A Less than 90°, Dive or roll angle 0° to 15° A Less than 90°, Dive or roll angle 0° to 15° A Less than 360° A Less than 360° A				2.2		
Cascade occurs No With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation A Total change of course Less than 360° A No A Less than 90°, Dive or roll angle 0° to 15° A Spontaneous re-inflation A Less than 360° A Less than 360° A						
With 50% collapse and accelerator-Maximum dive forward or roll angle Change of course until re-inflation Re-inflation behaviour Spontaneous re-inflation Course behaviour Spontaneous re-inflation Less than 90°, Dive or roll angle 15° to 45° A Spontaneous re-inflation A Course behaviour Total change of course Less than 360° A Less than 360°						
Change of course until re-inflation Less than 90°, Dive or roll angle 15° to 45° Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Spontaneous re-inflation A Less than 90°, Dive or roll angle 0° to 15° A Spontaneous re-inflation A Less than 360° A Less than 360° A				А	INU	А
Re-inflation behaviour Spontaneous re-inflation A Spontaneous re-inflation A Total change of course Less than 360° A Less than 360° A					Land the coop Diverse and land to 00 to 150	
Total change of course Less than 360° A Less than 360° A						
Collapse on the opposite side occurs No A No A						
		Collapse on the opposite side occurs	No	Α	No .	Α

	Twist occurs	No	Α	No	Α
	Cascade occurs	No	Α	No	Α
	With 75% collapse and accelerator-Maximum dive forward o	r roll angle			
	Change of course until re-inflation	Less than 90°, Dive or roll angle 15° to 45°	Α	90° to 180°, Dive or roll angle 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	Α	No	Α
	Twist occurs	No	Α	No	Α
	Cascade occurs	No	Α	No	Α
15. Directiona	al control with a maintained asymmetric collapse				
	Able to keep course	Yes	Α	Yes	Α
	180° turn away from the collapsed side possible in 10 s	Yes	Α	Yes	Α
	Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	Α	More than 50 % of the symmetric control travel	Α
16. Trim spec	ed spin tendency				
	Spin occurs	No	Α	No	Α
17. Low spee	d spin tendency				
	Spin occurs	No	Α	No	Α
18. Recovery	from a developed spin				
	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 sta	ll .				
	Change of course before release	Change of course less than 45°	Α	Change of course less than 45°	Α
	Behaviour before release	Remains stable with straight span	Α	Remains stable with straight span	Α
	Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
	Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
	Cascade occurs	No	Α	No	Α
20. Big ears					
	Entry procedure	Dedicated controls	Α	Dedicated controls	Α
	Behaviour during big ears	Stable flight	Α	Stable flight	Α
	Recovery	Recovery through pilot action in less than a	В	Spontaneous in less than 3 s	Α
		further 3 s			
	Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
21. Big ears i	n accelerated flight				
	Entry procedure	Dedicated controls	Α	Dedicated controls	Α
	Behaviour during big ears	Stable flight	Α	Stable flight	Α
	Recovery	Spontaneous in 3 s to 5 s	Α	Spontaneous in less than 3 s	Α
	Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
	Behaviour immediately after releasing the accelerator while	Stable flight	Α	Stable flight	Α
22. Behaviou	r exiting a steep spiral				
	Tendency to return to straight flight	Spontaneous exit	Α	Spontaneous exit	Α
	Turn angle to recover normal flight	Less than 720°,spontaneous recovery	Α	Less than 720°,spontaneous recovery	Α
	Sink rate when evaluating spiral stability [m/s]	18 m/s		21 m/s	
23. Alternativ	e means of directional control				
	180° turn achievable in 20 s	Yes	Α	Yes	Α
	Stall or spin occurs	No	Α	No	Α
24. Any other	flight procedure and/or configuration described in the us	er's manual			
	Procedure works as described	not available	0	not available	0
	Procedure suitable for novice pilots	not available	0	not available	0
	Cascade occurs	not available	0	not available	0
Comments of	f test pilot				
	•			no	
	Comments	no		110	



Air Turquoise
Rue de la Poterlaz 6
Case postale 10
CH- 1844 Villeneuve
Switzerland
mobile: +41 79 202 52 30
Tel. no: +41 21 965 65 65
fax: +41 219 65 65 66
email: info@airturquoise.ch
homepage: www.para-test.com



ISO 9001:2000