

AIR TURQUOISE SA certified by



Flight test report: EN

Manufacturer	Gin Gliders Inc.	Certification number	PG_0577.2012	
Address	586-5, Ilsan-Ri, Mohyun- Myun, 449-855 YongIn-City, Kyunggi-Do Korea	Date of flight test	04. 05. 2012	
Representative	None	Place of test	Villeneuve	
Glider model	Mirage 26	Classification	С	
Trimmer	yes: closed			

· · · · · ·	Thurnheer Claude Sup'Air - Altiplume M 80		Zoller Alain Sup'Air - Altiplume M 100	
1. Inflation/Take-off	Α			
Rising behaviour	Smooth, easy and constant rising	А	Smooth, easy and constant rising	А
Special take off technique required	No	А	No	А
2. Landing	Α			
Special landing technique required	No	А	No	А
3. Speed in straight flight	В			
Trim speed more than 30 km/h	Yes	А	Yes	А
Speed range using the controls larger than 10 km/h	Yes	А	Yes	А
Minimum speed	25 km/h to 30 km/h	В	Less than 25 km/h	А
4. Control movement	Α			
Max. weight in flight up to 80 kg				
Symmetric control pressure / travel	not available	0	not available	0
Max. weight in flight 80 kg to 100 kg				
Symmetric control pressure / travel	Increasing / greater than 60 cm	А	Increasing / greater than 60 cm	А
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	not available	0	not available	0
5. Pitch stability exiting accelerated flight	Α			
Dive forward angle on exit	Dive forward less than 30°	А	Dive forward less than 30°	А
Collapse occurs	No	А	No	А
6. Pitch stability operating controls during accelerated flight	Α			
Collapse occurs	No	А	No	А
7. Roll stability and damping	Α			
Oscillations	Reducing	А	Reducing	А
8. Stability in gentle spirals	Α			
Tendency to return to straight flight	Spontaneous exit	А	Spontaneous exit	А
9. Behaviour in a steeply banked turn	В			
Sink rate after two turns	More than 14 m/s	В	More than 14 m/s	В
10. Symmetric front collapse	В			
Entry	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	Spontaneous in less than 3 s	А	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	А	No	А
With accelerator				

Entry	Rocking back less than 45°	А	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	А	Spontaneous in 3 s to 5 s	В
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	A	Dive forward 30° to 60° / Keeping course	В
Cascade occurs	No	А	No	А
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	С			
With 50% 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	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А
Collapse on the opposite side occurs	No	А	No	А
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
With 75% collapse				
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 45° to 60°	С
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	А	No	А
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
With 50% collapse and 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°	А
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	А	No	А
Twist occurs	No	А	No	А
Cascade occurs	No	А	No	А
With 75% collapse and 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	А	No	А
Twist occurs	No	А	No	А
Cascade occurs	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 symmetric control travel	A	More than 50 % of the symmetric control travel	А

Spin occursNoANoA17. Low speed spin tendencyA18. Recovery from a developed spinNoANoA18. Recovery from a developed spinAStops spinning in less than 90°AStops spinning in less than 90°A19. B-line stallANoANoA19. B-line stallAChanging course less than 45°ANoA19. B-line stallARemains stable with straightARemains stable with straight spinABehaviour before releaseChanging course less than 45°ASpontaneous in less than 35ASpontaneous in less than 35ABehaviour before releaseSpontaneous in less than 35ASpontaneous in less than 35ANoADue forward angle on exitDue forward 0° to 30°ADue forward 0° to 30°ANoA20. Big earsASpontaneous in less than 35ASpontaneous in less than 35ABehaviour during big earsSpontaneous in less than 35ASpontaneous in less than 35ARecoverySpontaneous in less than 35ASpontaneous in less than 35ADue forward angle on exitDue forward 0° to 30°ADue forward 0° to 30°ARecoverySpontaneous in less than 35ASpontaneous in less than 35ADue forward angle on exitDue forward 0° to 30°AStable flightABehaviour during big earsStable flightAStable flight	16. Trim speed spin tendency	Α			
Spin occursNoANoANoA10. Recovery from a developed spinAStops spinning in less than 90°AStops spinning in less than 90°ASpin rotation angle after releaseNoANoA10. Baline stallA	Spin occurs	No	А	No	А
18. Recovery from a developed spin A Spin rotation angle after release Stops spinning in less than 90° A No A Cascade occurs No A No A Cascade occurs No A No A B.B. Hine stall A Changing course less than 45° A Changing course less than 45° A Behaviour before release Changing course less than 45° A Remains stable with straight spin A Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward angle on exit Dive forward 0°t on 30° A No No A 20. Big cars A Cascade occurs A No No A 20. Big cars A Stable flight A Stadard technique A Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward angle on exit Dive forward 0°t on 30° A Standard technique A Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A	17. Low speed spin tendency	Α			
Shor charter releaseStops spinning in less than 90° NoAStops spinning in less than 90° AACascade occursNoANoA19. B-line stallAChanging course less than 45° spanAChanging course less than 45° appring the stable with straight spanAChanging course less than 45° AAChanging course less than 45° AABehaviour before releaseRemains stable with straight spanARemains stable with straight span AARecoverySpontaneous in less than 3 s AASpontaneous in less than 3 s AANoAOue forward angle on exitDive forward 0° to 30°ANoAACascade occursANoANoABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 s AAStable flightADive forward angle on exitDive forward 0° to 30°AStable flightADive forward angle on exitDive forward 0° to 30°AStable flightARecoverySpontaneous in less than 3 s AStable flightAStable flightADive forward angle on exitDive forward 0° to 30°AStable flightAA21. Big gears in accelerator while Behaviour during big earsStable flightAStable flightA22. Behaviour curing stable flightAStable flightAStable flightA22. Behavi	Spin occurs	No	А	No	А
Cascade occursNoANoA19. Bline stallAChange of course before releaseChanging ocurse less than 45"ABehaviour before releaseRemains stable with straight spanARemains stable with straight spanARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward or to 30"ANoANoA20. Big earsAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStandard techniqueAStandard techniqueA21. Big earsAEntry procedureStandard techniqueAStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sASpontaneous in less than 3 sADive forward or to 30"ADive forward 0" to 30"ADive forward 0" to 30"A21. Big earsStable flightAStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward 0" to 30"ADive forward BightAStable flightAStable flightAARecoverySpontaneous in 3 sto 5 sASpontaneous in 3 sto 5 sASpontaneous in 3 sto 5 sADive forward D to 30"ADive forward O to 30"ADive forward O to 30"AA <t< td=""><td>18. Recovery from a developed spin</td><td>А</td><td></td><td></td><td></td></t<>	18. Recovery from a developed spin	А			
19. B-line stallAChange of course before releaseChanging course less than 45°AChange of course before releaseRemains stable with straight spanABehaviour before releaseRemains stable with straight spanARecoverySpontaneous in less than 3 sADive forward og e on exitDive forward 0° to 30°ACascade occursNoANo20. Big earsAEntry procedureStandard techniqueABehaviour during big earsStable flightABilve forward og to a 30°AStable flightRecoverySpontaneous in less than 3 sADive forward og to a 30°ADive forward 0° to 30°ABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sADive forward 0° to 30°ADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°AStable flightARecoverySpontaneous exitAStable flightAStable flightARecoverySpontaneous exitASpontaneous exitADive forward angle on exitDi	Spin rotation angle after release	Stops spinning in less than 90 $^\circ$	А	Stops spinning in less than 90°	А
Change of ourse before releaseChanging course less than 45° A Remains stable with straight spanA Changing course less than 45° A Remains stable with straight spanARecoverySpontaneous in less than 3 s Dive forward angle on exitSpontaneous in less than 3 s Dive forward 0° to 30°ASpontaneous in less than 3 s AACascade occursNoANoA20. Big garsAStandard techniqueAStandard techniqueABehaviour during big earsStandard techniqueAStable flightARecoverySpontaneous in less than 3 s Dive forward 0 ° to 30°AStable flightARecoverySpontaneous in less than 3 s Dive forward o ° to 30°AStable flightARecoverySpontaneous in less than 3 s Dive forward o ° to 30°ASpontaneous in less than 3 sARecoverySpontaneous in less than 3 s Dive forward o ° to 30°AStable flightARecoverySpontaneous in 18 st 5 sASpontaneous in 3 st 5 sABehaviour during big earsStable flightAStable flightABehaviour immediately after releasing the accelerator while maintaining big earsAStable flightASpontaneous in 3 st 5 sASpontaneous in 3 st 5 sASpontaneous in 3 st 5 sADive forward angle on exitSpontaneous exitAStable flightABehaviour immediately after releasing the accelerator while recoveryAStable flightAStable flig	Cascade occurs	No	А	No	А
Behaviour before releaseRemains stable with straight, spanARemains stable with straight, spanARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitNoANoA20. Big ersAStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitDive forward 0' to 30°ADive forward 0' to 30°A21. Big ears in accelerated flightAStable flightAStable flightAEntry procedureStandard techniqueAStable flightAStable flightA21. Big ears in accelerated flightAStable flightAStable flightABehaviour during big earsStable flightAStable flightAStable flightABehaviour during big earsStable flightAStable flightAStable flightABehaviour immediately after releasing the accelerator whileStable flightAStable flightAStable flightADive forward angle on exitSpontaneous exitASpontaneous exitASpontaneous exitASpontaneous exitARecoverySpontaneous exitASpontaneous exitASpontaneous exitASpontaneous exitARecoverySponta	19. B-line stall	А			
spanspanASpontaneous in less than 3 sARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sACascade occursNoANoA20. Big earsAFFEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitDive forward 0* to 30°ADive forward 0* to 30°A21. Big ears in accelerated flightATTTEntry procedureStandard techniqueAStandard techniqueA21. Big ears in accelerated flightAStandard techniqueAStandard techniqueA21. Big ears in accelerated flightAStandard techniqueAStandard techniqueA21. Big ears in accelerated flightAStandard techniqueAStable flightA21. Big ears in accelerated flightAStandard techniqueAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitBehaviour immediately after releasing the accelerator whileStable flightAStable flightA22. Behaviour exiting a steep spiralALess than 720°, spontaneous exitALess than 720°, spontaneous exitA <td>Change of course before release</td> <td>Changing course less than 45°</td> <td>А</td> <td>Changing course less than 45°</td> <td>А</td>	Change of course before release	Changing course less than 45°	А	Changing course less than 45°	А
Dive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ACascade occursNoANoA20. Big earsAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStandard techniqueARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAStable flightAStandard techniqueABehaviour during big earsStable flightAStable flightAStandard techniqueABehaviour during big earsStable flightAStable flightAStandard techniqueABehaviour during big earsStable flightAStable flightAStable flightARecoverySpontaneous in 3 s to 5 sADive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsAStable flightAStable flightA22. Behaviour exiting a steep spiralACase than 720°, spontaneous exitASpontaneous exitASpontaneous exitAI'ur angle to recover normal flightSpontaneous exitASpontaneous exitASpontaneous exitAStall or spin occursGine CuroeverANoANoA </td <td>Behaviour before release</td> <td>U</td> <td>A</td> <td>Remains stable with straight span</td> <td>A</td>	Behaviour before release	U	A	Remains stable with straight span	A
Cascade occursNoANoA20. Big earsAEntry procedureStandard techniqueABehaviour during big earsStable flightAStable flightABehaviour during big earsStable flightABecoverySpontaneous in less than 3 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAEntry procedureStandard techniqueAStatole flightABehaviour during big earsStable flightAStatolard techniqueABehaviour during big earsStable flightAStatolard techniqueABehaviour during big earsStable flightAStable flightABehaviour during big earsStable flightAStable flightABehaviour during big earsDive forward 0° to 30°ADive forward 0° to 30°ADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator whileStable flightAStable flightA22. Behaviour exiting a steep spiralALess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryASink rate when evaluating spiral stability [m/s]19222223AAStatl or spin occursAVesAYesAAtternative means of directional controlAYes<	Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	А
ANNNNNEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward one exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAStandard techniqueAStandard techniqueAEntry procedureStandard techniqueAStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward one exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator whileStable flightAStable flightA22. Behaviour exiting a steep spiralALess than 720°, spontaneous exitATurn angle to recover normal flightSpontaneous exitASpontaneous exitA180° turn achievable in 20 sYesAYesAStall or spin occursNoANoAA. Any other flight procedure and/or configuration described in the user's manualYesAProcedure suitable for novice pilotsYesAYesAA. Cascade occursNoANoAA. Casc	Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
Entry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAStandard techniqueAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsAStable flightA22. Behaviour exiting a steep spiralALess than 720°, spontaneous exitAStable flightATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryAStalt ar spin accursNoANoAAAtternative means of directional controlAStalternative means of directional controlAAStalt or spin occursNoANoAA <td>Cascade occurs</td> <td>No</td> <td>Α</td> <td>No</td> <td>А</td>	Cascade occurs	No	Α	No	А
Behaviour during big earsStable flightAStable flightARecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStandard techniqueAStable flightAStable flightABehaviour during big earsSpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sAADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°AABehaviour immediately after releasing the accelerator while maintaining big earsSpontaneous in 3 s to 5 sASpontaneous exitA22. Behaviour exiting a steep spiralALess than 720°, spontaneous exitALess than 720°, spontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryZZZZ23. Alternative means of directional controlAYesAYesA180° turn achievable in 20 sYesAYesAStable flightA24. Any other flight procedure and/or configuration described in the user's manualYesAYesAProcedure works as describedYesAYesAAAny other flight procedure and/or configuration described in the user's manualYesAYes	20. Big ears	Α			
RecoverySpontaneous in less than 3 sASpontaneous in less than 3 sADive forward on exitDive forward 0n to 30nADive forward 0n to 30nA21. Big ears in accelerated flightAExtender on exitAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStandard techniqueARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward on exitDive forward 0n to 30nADive forward 0n to 30nABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiral maintaining big earsASpontaneous exitASpontaneous exitATurn angle fo recover normal flightSpontaneous exitASpontaneous exitALess than 720n, spontaneous recoveryASink rate when evaluating spiral stability [m/s]19222223ANoAStall or spin occursNoANoANoAAny other flight procedure and/or configuration described in the user's manualAYesAYesAProcedure works as describedYesAYesAYesAProcedure works as describedYesAYesAAAny other flight procedure and/or configuration described in the user's manualYesAYes	Entry procedure	Standard technique	Α	Standard technique	Α
Dive forward on exitDive forward 0° to 30°ADive forward 0° to 30°A21. Big ears in accelerated flightAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward 0° to 30°ADive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator whileStable flightAStable flightA22. Behaviour exiting a steep spiralAStable flightAStable flightATendency to return to straight flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightI9222223.ASink rate when evaluating spiral stability [m/s]19222223.Sik rate when evaluating spiral stability [m/s]19222223.Sital or spin occursNoANoANoAtor spin occursNoAYesAAProcedure works as describedYesAYesAAProcedure suitable for novice pilotsYesAYesAACascade occursNoANoAAAStable flight procedure and/or configurationAYesAYesAAre constrobed in the user's manualYesAYes	Behaviour during big ears	Stable flight	Α	Stable flight	А
21. Big ears in accelerated flightAEntry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiral run angle to recover normal flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryA3tall or spin occursAYesAYesA24. Any other flight procedure and/or configuration described in the user's manualAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesAProcedure suitable for novice pilotsYesAYesAAStater pilotAYesAYesAStater flight procedure and/or configuration described in the user's manualAYesAYesAProcedure suitable for novice pilotsYesAYesAYesAProcedure suitable for novice pilotsYesAYesAYesAProcedure suita	Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	А
Entry procedureStandard techniqueAStandard techniqueABehaviour during big earsStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiralAStable flightASpontaneous exitATendency to return to straight flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryASink rate when evaluating spiral stability [m/s]1922222323. Alternative means of directional control turn achievable in 20 sAYesANoAtory other flight procedure and/or configuration described in the user's manualAYesAYesAProcedure works as describedYesAYesAYesAProcedure suitable for novice pilotsYesAYesAStable flightACascade occursNoANoAZesAProcedure suitable for to size pilotYesAYesAACascade occursNoANoAAProcedure suitable for towice pilotsYes<	Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	А
Behaviour during big earsStable flightAStable flightARecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiralATTAStable flightATendency to return to straight flightSpontaneous exitASpontaneous exitAATurn angle to recover normal flightIess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryA180° turn achievable in 20 sYesAYesAAStall or spin occursNoANoAAProcedure works as describedYesAYesAAProcedure works as describedYesAYesAAProcedure suitable for novice pilotsYesAYesAACascade occursNoANoAAAProcedure suitable for novice pilotsYesAYesAACascade occursNoANoAAA25. Comments of test pilotFesANoAA	21. Big ears in accelerated flight	A			
RecoverySpontaneous in 3 s to 5 sASpontaneous in 3 s to 5 sADive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiralAStable flightAStable flightATendency to return to straight flightSpontaneous exitASpontaneous exitAATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryASink rate when evaluating spiral stability [m/s]1922222223. Alternative means of directional controlAYesANoA180° turn achievable in 20 sNoANoAA24. Any other flight procedure and/or configuration described in the user's manualAYesAYesAProcedure works as describedYesAYesAAProcedure suitable for novice pilotsYesAYesACascade occursNoANoAA25. Comments of test pilotStableANoA	Entry procedure	Standard technique	А	Standard technique	А
Dive forward angle on exitDive forward 0° to 30°ADive forward 0° to 30°ABehaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiralAAStable flightATendency to return to straight flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryA30° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualYesAYesAProcedure works as describedYesAYesAYesAProcedure suitable for novice pilotsYesAYesAXes25. Comments of test pilotJest than 50° to 30°AXesA	Behaviour during big ears	Stable flight	А	Stable flight	А
Behaviour immediately after releasing the accelerator while maintaining big earsStable flightAStable flightA22. Behaviour exiting a steep spiralATendency to return to straight flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryA23. Alternative means of directional controlA2223Alternative means of directional controlAVesA180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualYesAYesAProcedure works as describedYesAYesAAProcedure suitable for novice pilotsYesANoA25. Comments of test pilotStatu or spin occursANoA	Recovery	Spontaneous in 3 s to 5 s	Α	Spontaneous in 3 s to 5 s	А
maintaining big earsA22. Behaviour exiting a steep spiralATendency to return to straight flightSpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneousASink rate when evaluating spiral stability [m/s]192223. Alternative means of directional controlA22180° turn achievable in 20 sYesAYesStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualYesAYesAProcedure suitable for novice pilotsYesAYesAYesACascade occursNoANoAAAA25. Comments of test pilotSecure Suitable for test pilotASecure Suitable Sui	Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
Tendency to return to straight flightSpontaneous exitASpontaneous exitATurn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryASink rate when evaluating spiral stability [m/s]192223. Alternative means of directional controlAYesA180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoAXes25. Comments of test pilotLess than 720°, spontaneous test pilotANoA		Stable flight	A	Stable flight	А
Turn angle to recover normal flightLess than 720°, spontaneous recoveryALess than 720°, spontaneous recoveryASink rate when evaluating spiral stability [m/s]192223. Alternative means of directional controlA22180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	22. Behaviour exiting a steep spiral	А			
recoveryrecoverySink rate when evaluating spiral stability [m/s]192223. Alternative means of directional controlAYesA180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualAYesAProcedure suitable for novice pilotsYesAYesAProcedure suitable for novice pilotsNoAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	Tendency to return to straight flight	Spontaneous exit	Α	Spontaneous exit	А
23. Alternative means of directional controlA180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	Turn angle to recover normal flight		A		А
180° turn achievable in 20 sYesAYesAStall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualASAProcedure works as describedYesAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	Sink rate when evaluating spiral stability [m/s]	19		22	
Stall or spin occursNoANoA24. Any other flight procedure and/or configuration described in the user's manualAStall or spin occursAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	23. Alternative means of directional control	А			
24. Any other flight procedure and/or configuration described in the user's manualAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	180° turn achievable in 20 s	Yes	Α	Yes	А
described in the user's manualYesAYesAProcedure works as describedYesAYesAProcedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilotKesKesKesKes	Stall or spin occurs	No	Α	No	А
Procedure suitable for novice pilotsYesAYesACascade occursNoANoA25. Comments of test pilot	24. Any other flight procedure and/or configuration described in the user's manual	Α			
Cascade occurs No A No A 25. Comments of test pilot A A A	Procedure works as described	Yes	А	Yes	А
25. Comments of test pilot	Procedure suitable for novice pilots	Yes	А	Yes	А
	Cascade occurs	No	А	No	А
Comments	25. Comments of test pilot				
	Comments				