



EAPR GmbH - Marktstr. 11 - D-87730 Bad Grönenbach - Germany

	Minimum take off w	eight	Maximum take off weight			
Date of testing	15.12.12		24.11.12			
Testpilot	Hannes Tschofen		Anselm Rauh	11.		
Harness	Academy Test Equipment	1	EAPR Testequipment			
Pilot's take off weight	90 kg		110 kg			

Classification	В
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Test-criteria		41258	Evaluation	41238	Evaluation
1. Inflation / take-off - 4.1.1					
Rising behavior		Smooth, easy and constant rising	А	Smooth, easy and constant rising	А
Special take off technique required		No	Α	No	Α
2. Landing - 4.1.2					
Special landing technique required		No	No	Α	
3. Speeds in straight flight - 4.1.3					
Trim speed more than 30km/h		Yes	Α	Yes	А
Speed range using the controls larger than 10kg	m/h	Yes	Α	Yes	Α
Minimum speed		Less than 25 km/h	Α	Less than 25 km/h	Α
4. Control movement - 4.1.4					
Max. weight in flight up to 80kg			-		-
Max. weight in flight 80 to 100kg			-		-
Max. weight in flight greater than 100kg		Increasing >65 cm	А	Increasing >65 cm	А
5. Pitch stability exiting accelerated flight -	4.1.5	•			
Dive forward angle on exit		Dive forward less than 30°	Α	Dive forward less than 30°	А
Collapse occurs		No	Α	No	Α
6. Pitch stability operating controls during a	ccelerated f	light - 4.1.6			
Collapse occurs		No	Α	No	А
7. Roll stability and damping - 4.1.7					
Oscillations		Reducing	Α	Reducing	Α
8. Stability in gentle spirals - 4.1.8					
Tendency to return to straight flight		Spontaneous exit	Α	Spontaneous exit	Α
9. Behaviour in a steeply banked turn - 4.1.9)		.	•	'
Sink rate after two turns		12m/s to 14m/s	Α	More than 14m/s	В
10. Symmetric front collapse - 4.1.10					
Entry	_	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Recovery	trim speed	Spontaneous in less than 3 sec	Α	Spontaneous in less than 3 sec	А
Dive forward angle on exit	- E	0° - 30° Keeping course	А	0° - 30° Keeping course	А
Cascade occurs		No	А	No	Α
Entry	Ţ.	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	accelerated	Spontaneous in less than 3 sec	Α	Spontaneous in less than 3 sec	А
Dive forward angle on exit	000	30° - 60° Keeping course	В	30° - 60° Keeping course	В
Cascade occurs	Ø	No	Α	No	Α

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Note Section	Deep stall achieved		Yes		1		Yes		1	
A			Yes Spontaneous in less than 3 sec			۸				^
Compare for contame Compare contame to the set of the contame to the conta	•		•							
A										
A	Cascade occurs			1633 (11411 43						
No	12. High angle of attack recovery - 4.1.12									
No	Recovery		Spontaneous in less than 3 sec		Α	Spontaneous in less than 3 sec			Α	
13. Recovery from a developed for internal set at 1-1.13	Cascade occurs		· ·			·				
Diversion and any loss rest Concrete or each Concrete Control (Control Control		3	140				110			
Common Content (Content from colleges) No	Dive forward angle on exit		30° - 60°			В	30° - 60°			В
	Collapse					Α				
Live Investors A Advancement collapse (tim speed) - 4.1.4 Changes of counter will be inflation Part of the speed of	, , ,									
Changing of recursion until re-inflation	Line tension									
Re-inflation behalded	14. Asymmetric collapse (trim speed) - 4.1.14									
Concesses concesses No	Change of course until re-inflation	se	< 90°	Dive or roll angle	0° - 15°	Α	< 90°	Dive or roll angle	15° - 45°	Α
Concesses concesses No	Re-inflation behavior	eed, collap	Spontaneous re-inflation		Α	Spontaneous re-inflation			Α	
Concesses concesses No	Total change of course	ds u	Less than 360°	Less than 360°		Α	Less than 360°			Α
Concesses concesses No	Collapse on the opposite side occurs	trir ax 5		No						
Change of course until re-initiation Re-initiation behavior Thord transper decourse College on the reporters side occurs Threat course College on the reporters side occurs Threat course College on the reporters side occurs No No A A Cascade occurs No A A Cascade occurs No A Cascade occurs No No A A No A		Ë								
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Classate occurs No	Total change of course	im s 75%								
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Re-inflation behavior Total change of course College on the opposite side occurs College on the opposite side occurs College on the opposite side occurs The course of course of course of course of course of the symmetric college of the opposite side occurs A No A N	Cascade occurs									
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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 More than 50% of the symmetric control travel A More than 50% of the symmetric control travel A More than 50% of the symmetric control travel A No A N	Able to keep course straight		Yes			Α	Yes			Α
16. Trim speed spin tendency - 4.1.16 Spin occurs No	180° turn away from the collapsed side possible in	n 10 sec	Yes			Α	Yes			Α
Spin occurs No A No A No A 17. Low speed spin tendency - 4.1.17 18. Recovery from a developed spin - 4.1.18 Spin rotation angle after release Stops spinning in less than 90° A Stops spinning in less than 90° A 18. Recovery from a developed spin - 4.1.18 Spin rotation angle after release Stops spinning in less than 90° A No A 19. B-In-estall - 4.1.19 Change of course before release Changing course less than 45° A Changing course less than 45° A Behaviour before release Remains stable with straight span A Remains stable with straight span A Remains stable with straight span A Recovery Spontaneous in less than 3 sec A Spontaneous in less than 3 sec A Spontaneous in less than 3 sec A No A N	Amount of control range between turn and stall or	r spin	More than 50% o	of the symmetric c	ontrol travel	А	More than 50% of	of the symmetric c	ontrol travel	Α
17. Low speed spin tendency - 4.1.17	16. Trim speed spin tendency - 4.1.16									
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18. Recovery from a developed spin - 4.1.18 Spin rotation angle after release Stops spinning in less than 90° A Stops spinning in less than 90° A No A Changing course less than 45° A Remains stable with straight span A Recovery Spontaneous in less than 3 sec A Spontaneous in less than 3 sec A Dive forward angle on exit O° - 30° A No Behaviour during big ears Stable flight A Stable flight A Stable flight A Special device required B Recovery A Special device required A Special device required B Recovery A Special device required A Special device required A Special device required B Recovery through pilot action in less than a further a sec B Special device required A Special device required B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery through pilot action in less than a further a sec B Recovery thro	17. Low speed spin tendency - 4.1.17		I No.			^	No			
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Dive forward angle on exit O°-30° A No A Secial device required A Special device required A Stable flight A Special device required B Recovery through pilot action in less than a further 3 sec Dive forward angle on exit Special device required A Stable flight	Behaviour before release				А	Remains stable with straight span		А		
Cascade occurs No A A A No A A A A	Recovery		Spontaneous in I	less than 3 sec		А	Spontaneous in less than 3 sec			Α
20. Big ears - 4.1.20 Entry procedure Special device required A Special device required A Special device required A Stable flight - 4.1.21 Entry procedure Special device required A Special device required A Special device required A Stable flight A Sta	Dive forward angle on exit						1 11			
Entry procedure Special device required A Special device required A Special device required A Stable flight B Recovery through pilot action in less than a further a second pilot action in less than a f			INO			А	INO			A
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21. Big Ears in accelerated flight - 4.1.21 Entry procedure Special device required A Special device required A Special device required A Stable flight A Stable flight A Stable flight A Spontaneous in 3 to 5 sec A Spontaneous in 3 to 5 sec A Dive forward angle on exit 0° - 30° A 0° bis 30° A Behaviour immediately after releasing the accelarator while maintaining big ears Stable flight A	Recovery				В				В	
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Behaviour during big ears Stable flight A Spontaneous in 3 to 5 sec A Spontaneous in 3 to 5 sec A Dive forward angle on exit Behaviour immediately after releasing the accelarator while maintaining big ears Stable flight A Stable flight A Stable flight A Stable flight	21. Big Ears in accelerated flight - 4.1.21									
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Dive forward angle on exit 0° - 30° A 0° bis 30° A Behaviour immediately after releasing the accelarator while maintaining big ears A Stable flight A Stable flight A	Behaviour during big ears		Stable flight		_	Α	Stable flight			Α
Dive forward angle on exit 0° - 30° A 0° bis 30° A Behaviour immediately after releasing the accelarator while maintaining big ears A Stable flight A Stable flight A	Recovery		Spontaneous in 3	3 to 5 sec		А	Spontaneous in	3 to 5 sec		A
Behaviour immediately after releasing the accelarator while maintaining big ears Stable flight A Stable flight A	Dive forward angle on exit		, i							
maintaining big ears	Behaviour immediately after releasing the accelarator while									
22. Behaviour exiting a steep spiral - 4.1.22	maintaining big ears		Stable light				Juda mynt			
	22. Behaviour exiting a steep spiral - 4.1.22									

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Spontaneous exit	Α	Spontaneous exit	Α	
Less than 720°, spontaneous recovery	Α	A Less than 720°, spontaneous recovery		
Yes	A Yes		Α	
No	Α	No	Α	
cribed in the user's manual - 4.1.24				
	NA		NA	
	NA		NA	
	NA		NA	
This Elists T	D			
	Yes No ribed in the user's manual - 4.1.24	Yes A No A ribed in the user's manual - 4.1.24 NA NA NA	Less than 720°, spontaneous recovery A Less than 720°, spontaneous recovery Yes A Yes No A No pribed in the user's manual - 4.1.24 NA NA	

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