



**Deutscher Hängegleiterverband e.V. im DAeC
DHV/OeAeC-Technikreferat**

LBA-anerkannte Prüfstelle für Hängegleiter und Gleitsegel
Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA L

Test No 019269-GSTF03-1167-christian

Test date 18.05.2007

Type Apco Vista L

Test type GS Testflug DHV03

Order Auftrag GS Musterprüfung Apco Vista L (Apco Aviation Ltd.)

Customer Apco Aviation Ltd.

Test standard Lufttüchtigkeitsforderungen für HG und GS

Expert Amon

Result positive

Billing to: 100%

Technical peculiarities

*25. Mai 2007
in Poos*

Datum / Unterschrift (Amon)

Deutscher Hängegleiterverband e.V.
Miesbacher Straße 2, 83703 Gmund

DHV test flight main data

Harness type Liga

Take off weight [kg] 103

Weight limit for certification [kg] 100

Number of pilots 1

Trim speed [km/h] 36

Accelerated speed [km/h] 0

Classification 1-2

Supplementary remarks

PG test flight specific

Harness category GH

Accelerator used? Yes

Trimms -

DHV PG Test flight 2003 data

Take off

Take off class. 1-2

Inflation evenly, immediately

Rising behaviour comes over pilot delayed

Take off speed average

Take off handling average

Straight flight

Straight flight class. 1-2

Speed range high

Roll damping average

Pitch damping average

Yaw stability average

Turn handling

Turn handling class. 1-2

Spin tendency slight

Control travel average

Agility average

Control pressure increase average

10755

Control without brakes control through rear risers possible

Symmetric stall

Deep-stall limit 1-2

Deep-stall limit average 60 cm - 75 cm

Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back average

Increase in steering power average

Front collapse

Front collapse class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Countersteering an asymmetric collapse

Countersteering an asymmetric collapse class. 1-2

Stabilization countersteering easy

Control travel average

Control pressure increase average

Turn in opposite direction easy, no tendency to stall

Opening behaviour spontaneous, delayed

Full stall, symm. exit

Fullstall, symm. exit class 1-2

Behaviour stable

Reaction average shoot forward

no collapse

Turn tendency no turn

Rate of turn

Loss of altitude
Stabilization
Opening behaviour

Spin out of straight flight**Spin out of straight flight class. 1-2****Rate of turn** average**Exit** turn continues through 90 - 180 degrees**Reaction** average shoot forward to one side

no collapse

Turn tendency no turn**Rate of turn**

Loss of altitude
Stabilization
Opening behaviour

Spin out of turn**Spin out of turn class. 1-2****Reaction** average shoot forward to one side
no collapse**Turn tendency** no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spiral dive****Spiral dive class. 1-2****Entry** average**Spin tendency** slight**Exit** turn continues through 180 - 360 degrees**Sink rate after 720 °[m/s]** 11**B-line stall****B-line stall class. 1-2****Entry** easy**Exit** spontaneous**Big ears****Big ears** 1-2**Entry** easy**Recovery** spontaneous, quickly**Big ears accelerated****Big ears acc. class. 1-2****Entry** easy**Recovery** spontaneous, quickly**Landing****Landing class. 1-2****Point of flare** average**Landing speed** average**Landing behaviour** average



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Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA L

Test No 019322-GSTF03-1169-mike

Test date 19.05.2007

Type Apco Vista L

Test type GS Testflug DHV03

Order Auftrag GS Musterprüfung Apco Vista L (Apco Aviation Ltd.)

Customer Apco Aviation Ltd.

Test standard Lufttüchtigkeitsforderungen für HG und GS

Expert Küng

Result positive

Billing to: 100%

Technical peculiarities

06. Juni 07

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Datum / Unterschrift (Küng)

Deutscher Hängegleiterverband e.V.
Miesbacher Straße 2, 83703 Gmund

DHV test flight main data

Harness type Liga

Take off weight [kg] 125

Weight limit for certification [kg] 125

Number of pilots 1

Trim speed [km/h] 36

Accelerated speed [km/h] 0

Classification 1-2

Supplementary remarks

PG test flight specific

Harness category GH

Accelerator used? Yes

Trimms -

DHV PG Test flight 2003 data

Take off

Take off class. 1-2

Inflation evenly, immediately

Rising behaviour comes over pilot delayed

Take off speed average

Take off handling average

Straight flight

Straight flight class. 1-2

Speed range high

Roll damping average

Pitch damping average

Yaw stability average

Turn handling

Turn handling class. 1-2

Spin tendency slight

Control travel average

Agility average

Control pressure increase average

Control without brakes control through rear risers possible

Symmetric stall

Deep-stall limit 1-2

Deep-stall limit average 60 cm - 75 cm

Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back average

Increase in steering power average

Front collapse

Front collapse class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Countersteering an asymmetric collapse

Countersteering an asymmetric collapse class. 1-2

Stabilization countersteering easy

Control travel average

Control pressure increase average

Turn in opposite direction easy, no tendency to stall

Opening behaviour spontaneous, delayed

Full stall, symm. exit

Fullstall, symm. exit class 1-2

Behaviour stable

Reaction average shoot forward

no collapse

Turn tendency no turn

Rate of turn

Loss of altitude**Stabilization****Opening behaviour****Spin out of straight flight****Spin out of straight flight class. 1-2****Rate of turn average****Exit turn continues through 90 - 180 degrees****Reaction average shoot forward to one side****no collapse****Turn tendency no turn****Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spin out of turn****Spin out of turn class. 1-2****Reaction average shoot forward to one side****no collapse****Turn tendency no turn****Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spiral dive****Spiral dive class. 1-2****Entry average****Spin tendency slight****Exit turn continues through 180 - 360 degrees****Sink rate after 720 °[m/s] 11****B-line stall****B-line stall class. 1-2****Entry easy****Exit spontaneous****Big ears****Big ears 1-2****Entry easy****Recovery spontaneous, quickly****Big ears accelerated****Big ears acc. class. 1-2****Entry easy****Recovery spontaneous, quickly****Landing****Landing class. 1-2****Point of flare average****Landing speed average****Landing behaviour average**



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LBA-anerkannte Prüfstelle für Hängegleiter und Gleitsegel
Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA M

Test No 017794-GSTF03-1013-christian

Test date 02.12.2006

Type Apco Vista M

Test type GS Testflug DHV03

Order Auftrag GS Musterprüfung Apco Vista M (Apco Aviation Ltd.)

Customer Apco Aviation Ltd.

Test standard Lufttüchtigkeitsforderungen für HG und GS

Expert Amon

Result positive

Billing to: 100%

Technical peculiarities

*06. Dez. 06
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Datum / Unterschrift (Amon)

Deutscher Hängegleiterverband e.V.
Miesbacher Straße 2, 83703 Gmund

DHV test flight main data

Harness type Liga

Take off weight [kg] 83

Weight limit for certification [kg] 80

Number of pilots 1

Trim speed [km/h] 37

Accelerated speed [km/h] 0

Classification 1-2

Supplementary remarks

PG test flight specific

Harness category GH

Accelerator used? Yes

Trimms -

DHV PG Test flight 2003 data

Take off

Take off class. 1-2

Inflation evenly, immediately

Rising behaviour comes over pilot delayed

Take off speed slight

Take off handling easy

Straight flight

Straight flight class. 1-2

Speed range high

Roll damping average

Pitch damping average

Yaw stability average

Turn handling

Turn handling class. 1-2

Spin tendency slight

Control travel average

Agility average

Control pressure increase average

10329

Control without brakes control through rear risers possible

Symmetric stall

Deep-stall limit 1-2

Deep-stall limit average 60 cm - 75 cm

Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back slight

Increase in steering power average

Front collapse

Front collapse class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Countersteering an asymmetric collapse

Countersteering an asymmetric collapse class. 1-2

Stabilization countersteering easy

Control travel average

Control pressure increase average

Turn in opposite direction easy, no tendency to stall

Opening behaviour spontaneous, delayed

Full stall, symm. exit

Fullstall, symm. exit class 1-2

Behaviour stable

Reaction average shoot forward

no collapse

Turn tendency no turn

Rate of turn

Loss of altitude
Stabilization
Opening behaviour

Spin out of straight flight**Spin out of straight flight class. 1-2****Rate of turn** average**Exit** turn continues through 90 - 180 degrees**Reaction** average shoot forward to one side
no collapse**Turn tendency** no turn**Rate of turn**

Loss of altitude
Stabilization
Opening behaviour

Spin out of turn**Spin out of turn class. 1-2****Reaction** average shoot forward to one side
no collapse**Turn tendency** no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spiral dive****Spiral dive class. 1-2****Entry** easy**Spin tendency** slight**Exit** turn continues through 180 - 360 degrees**Sink rate after 720 °[m/s]** 12**B-line stall****B-line stall class. 1****Entry** easy**Exit** spontaneous**Big ears****Big ears 1****Entry** easy**Recovery** spontaneous, quickly**Big ears accelerated****Big ears acc. class. 1****Entry** easy**Recovery** spontaneous, quickly**Landing****Landing class. 1-2****Point of flare** average**Landing speed** average**Landing behaviour** average



Deutscher Hängegleiterverband e.V. im DAeC
DHV/OeAeC-Technikreferat
 LBA-anerkannte Prüfstelle für Hängegleiter und Gleitsegel
 Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA M**Test No** 017895-GSTF03-1018-mike**Test date** 30.11.2006**Type** Apcovista M**Test type** GS Testflug DHV03**Order** Auftrag GS Musterprüfung Apcovista M (Apcovista Aviation Ltd.)**Customer** Apcovista Aviation Ltd.**Test standard** Lufttüchtigkeitsforderungen für HG und GS**Expert** Küng**Result** positive**Billing to:** 100%**Technical peculiarities**

*18. Dez. 06
H. Seeger*

Datum / Unterschrift (Küng)

Deutscher Hängegleiterverband e.V.
 Miesbacher Straße 2, 83703 Gmund

DHV test flight main data**Harness type** Liga**Take off weight [kg]** 105**Weight limit for certification [kg]** 105**Number of pilots** 1**Trim speed [km/h]** 37**Accelerated speed [km/h]** 0**Classification** 1-2**Supplementary remarks****PG test flight specific****Harness category** GH**Accelerator used?** Yes**Trimms** -**DHV PG Test flight 2003 data****Take off****Take off class.** 1-2**Inflation** evenly, immediately**Rising behaviour** comes over pilot delayed**Take off speed** slight**Take off handling** easy**Straight flight****Straight flight class.** 1-2**Speed range** high**Roll damping** average**Pitch damping** average**Yaw stability** average**Turn handling****Turn handling class.** 1-2**Spin tendency** slight**Control travel** average**Agility** average**Control pressure increase** average**Control without brakes** control through rear risers possible*10343*

Symmetric stall

Deep-stall limit 1-2
Deep-stall limit average 60 cm - 75 cm
Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back slight

Increase in steering power average

Front collapse

Front collapse class. 1-2
Effort high
Pre-acceleration slight
Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2
Effort high
Pre-acceleration slight
Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2
Turn tendency 90 - 180 degrees
Change of course 180 - 360 degrees
Rate of turn average

Max. roll/pitch angle less than 45 degrees
Loss of altitude average
Stabilization spontaneous
Opening behaviour spontaneous

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2
Turn tendency 90 - 180 degrees
Change of course 180 - 360 degrees
Rate of turn average
with deceleration
Max. roll/pitch angle less than 45 degrees
Loss of altitude average
Stabilization spontaneous
Opening behaviour spontaneous

Countersteering an asymmetric collapse**Countersteering an asymmetric collapse class.** 1-2

Stabilization countersteering easy
Control travel average
Control pressure increase average
Turn in opposite direction easy, no tendency to stall
Opening behaviour spontaneous, delayed

Full stall, symm. exit

Fullstall, symm. exit class 1-2
Behaviour stable

Reaction average shoot forward
no collapse
Turn tendency no turn
Rate of turn
Loss of altitude
Stabilization

Opening behaviour**Spin out of straight flight****Spin out of straight flight class. 1-2****Rate of turn** average**Exit** turn continues through 90 - 180 degrees**Reaction** average shoot forward to one side

no collapse

Turn tendency no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spin out of turn****Spin out of turn class. 1-2****Reaction** average shoot forward to one side

no collapse

Turn tendency no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spiral dive****Spiral dive class. 1-2****Entry** easy**Spin tendency** slight**Exit** turn continues through 180 - 360 degrees**Sink rate after 720 °[m/s]** 12**B-line stall****B-line stall class. 1****Entry** easy**Exit** spontaneous**Big ears****Big ears 1****Entry** easy**Recovery** spontaneous, quickly**Big ears accelerated****Big ears acc. class. 1****Entry** easy**Recovery** spontaneous, quickly**Landing****Landing class. 1-2****Point of flare** average**Landing speed** average**Landing behaviour** average



Deutscher Hängegleiterverband e.V. im DAeC DHV/OeAeC-Technikreferat

LBA-anerkannte Prüfstelle für Hängegleiter und Gleitsegel
Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA S

Test No 017712-GSTF03-997-Beni

Test date 10.11.2006

Type Apco Vista S

Test type GS Testflug DHV03

Order Auftrag GS Musterprüfung Apco Vista S (Apco Aviation Ltd.)

Customer Apco Aviation Ltd.

Test standard Lufttüchtigkeitsforderungen für HG und GS

Expert Stocker

Result positive

Billing to: 100%

Technical peculiarities

13. Nov. 06
AT Stocker

Deutscher Hängegleiterverband e.V.
Miesbacher Straße 2, 83703 Gmund

Datum / Unterschrift (Stocker)

DHV test flight main data

Harness type SUP'AIR 02

Take off weight [kg] 73

Weight limit for certification [kg] 65

Number of pilots 1

Trim speed [km/h] 33

Accelerated speed [km/h] 0

Classification 1-2

Supplementary remarks

PG test flight specific

Harness category GH

Accelerator used? Yes

Trimms -

DHV PG Test flight 2003 data

Take off

Take off class. 1

Inflation evenly, immediately

Rising behaviour immediately comes over pilot

Take off speed average

Take off handling easy

Straight flight

Straight flight class. 1

Speed range high

Roll damping high

Pitch damping high

Yaw stability high

Turn handling

Turn handling class. 1-2

Spin tendency slight

Control travel average

Agility average

Control pressure increase high

10265

Control without brakes control through rear risers possible

Symmetric stall

Deep-stall limit 1-2

Deep-stall limit average 60 cm - 75 cm

Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back average

Increase in steering power high

Front collapse

Front collapse class. 1-2

Effort high

Pre-acceleration average

Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2

Effort average

Pre-acceleration average

Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2

Turn tendency < 90 degrees

Change of course 90 - 180 degrees

Rate of turn average

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous, impulsive

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2

Turn tendency 90 - 180 degrees

Change of course 90 - 180 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous, impulsive

Countersteering an asymmetric collapse

Countersteering an asymmetric collapse class.

Stabilization countersteering easy

Control travel average

Control pressure increase high

Turn in opposite direction easy, no tendency to stall

Opening behaviour spontaneous, impulsive

Full stall, symm. exit

Fullstall, symm. exit class 1-2

Behaviour nervous

Reaction average shoot forward

no collapse

Turn tendency

Rate of turn

Loss of altitude
Stabilization
Opening behaviour

Spin out of straight flight**Spin out of straight flight class. 1-2****Rate of turn** average**Exit** turn continues through 90 - 180 degrees**Reaction** average shoot forward to one side
no collapse

Turn tendency
Rate of turn

Loss of altitude
Stabilization
Opening behaviour

Spin out of turn**Spin out of turn class. 1****Reaction** slight shoot forward to one side
no collapse

Turn tendency
Rate of turn
Loss of altitude
Stabilization
Opening behaviour

Spiral dive**Spiral dive class. 1-2****Entry** easy**Spin tendency** slight**Exit** turn continues through < 180 degrees**Sink rate after 720 °[m/s]** 8**B-line stall****B-line stall class. 1****Entry** easy**Exit** spontaneous**Big ears****Big ears 1****Entry** easy**Recovery** spontaneous, quickly**Big ears accelerated****Big ears acc. class. 1****Entry** easy**Recovery** spontaneous, quickly**Landing****Landing class. 1-2****Point of flare** average**Landing speed** average**Landing behaviour** easy



**Deutscher Hängegleiterverband e.V. im DAeC
DHV/OeAeC-Technikreferat**

LBA-anerkannte Prüfstelle für Hängegleiter und Gleitsegel
Beauftragter der österreichischen Luftfahrtbehörde

GS TESTFLUG DHV03 APCO VISTA S

Test No 017703-GSTF03-989-christian

Test date 10.11.2006

Type Apco Vista S

Test type GS Testflug DHV03

Order Auftrag GS Musterprüfung Apco Vista S (Apco Aviation Ltd.)

Customer Apco Aviation Ltd.

Test standard Lufttüchtigkeitsforderungen für HG und GS

Expert Amon

Result positive

Billing to: 100%

Technical peculiarities

*13. Nov. 06
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Deutscher Hängegleiterverband e.V.
Miesbacher Straße 2, 83703 Gmund

Datum / Unterschrift (Amon)

DHV test flight main data

Harness type Liga

Take off weight [kg] 87

Weight limit for certification [kg] 85

Number of pilots 1

Trim speed [km/h] 38

Accelerated speed [km/h] 0

Classification 1-2

Supplementary remarks

PG test flight specific

Harness category GH

Accelerator used? Yes

Trimmms -

DHV PG Test flight 2003 data

Take off

Take off class. 1-2

Inflation evenly, immediately

Rising behaviour comes over pilot delayed

Take off speed average

Take off handling average

Straight flight

Straight flight class. 1-2

Speed range high

Roll damping average

Pitch damping average

Yaw stability average

Turn handling

Turn handling class. 1-2

Spin tendency slight

Control travel average

Agility average

Control pressure increase high

Control without brakes control through rear risers possible

Symmetric stall

Deep-stall limit 1-2

Deep-stall limit average 60 cm - 75 cm

Full stall limit average 65 cm - 80 cm

Full stall with full steering way yes, soft stall

Falling back slight

Increase in steering power average

Front collapse

Front collapse class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Front collapse (accelerated)

Front collapse accelerated class. 1-2

Effort high

Pre-acceleration slight

Opening behaviour spontaneous, delayed

Asymmetric collapse

Asymmetric collapse class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Asymmetric collapse (accelerated)

Asymmetric collapse acc. class. 1-2

Turn tendency 90 - 180 degrees

Change of course 180 - 360 degrees

Rate of turn average

with deceleration

Max. roll/pitch angle less than 45 degrees

Loss of altitude average

Stabilization spontaneous

Opening behaviour spontaneous

Countersteering an asymmetric collapse

Countersteering an asymmetric collapse class. 1-2

Stabilization countersteering easy

Control travel average

Control pressure increase high

Turn in opposite direction easy, no tendency to stall

Opening behaviour spontaneous, delayed

Full stall, symm. exit

Fullstall, symm. exit class 1-2

Behaviour stable

Reaction average shoot forward

no collapse

Turn tendency no turn

Rate of turn

Loss of altitude**Stabilization****Opening behaviour****Spin out of straight flight****Spin out of straight flight class.** 1-2**Rate of turn** average**Exit** turn continues through 90 - 180 degrees**Reaction** average shoot forward to one side

no collapse

Turn tendency no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spin out of turn****Spin out of turn class.** 1-2**Reaction** average shoot forward to one side

no collapse

Turn tendency no turn**Rate of turn****Loss of altitude****Stabilization****Opening behaviour****Spiral dive****Spiral dive class.** 1-2**Entry** average**Spin tendency** slight**Exit** turn continues through 180 - 360 degrees**Sink rate after 720 °[m/s]** 12**B-line stall****B-line stall class.** 1**Entry** easy**Exit** spontaneous**Big ears****Big ears 1****Entry** easy**Recovery** spontaneous, quickly**Big ears accelerated****Big ears acc. class.** 1**Entry** easy**Recovery** spontaneous, quickly**Landing****Landing class.** 1-2**Point of flare** average**Landing speed** average**Landing behaviour** average