

***FIDES ECO***



*PARAGLIDERS*



**Test report DHV 97 Fides 26**

|   |                                 |
|---|---------------------------------|
| Type                                      | Fides 26                        |
| Certificate-No                            | DHV GS-01-0905-01               |
| Holder of certificate                     | Zdenek Lukavsky Sky Paragliders |
| Manufacturer                              | SKY PARAGLIDERS A.S.            |
| Classification                            | 1 GH                            |
| Winch tow                                 | Yes                             |
| Number of seats min / Number of seats max | 1/1                             |
| Accelerator?                              | Yes                             |
| Trimmers?                                 | No                              |

|  | <b>Behaviour at min weight in flight (75 Kg)</b> | <b>Behaviour at max weight in flight (95 Kg)</b> |
|--|--|--|
| Take off                               | 1  | 1  |
| Inflation                              | evenly, immediately                              | evenly, immediately                              |
| Rising behaviour                       | immediately comes over pilot                     | immediately comes over pilot                     |
| Take off speed                         | average  | average  |
| Take off handling                      | easy   | easy   |
| Straight flight                        | 1  | 1  |
| Trim speed [km/h]                      | 34   | 36   |
| Accelerated speed [km/h]               | 0  | 45   |
| Roll damping                           | high   | high   |
| Turn handling                          | 1  | 1  |
| Spin tendency                          | slight   | slight   |
| Control travel                         | high   | high   |
| Agility                                | high   | high   |
| Symmetric stall                        | 1  | 1  |
| Deep-stall limit                       | late > 75 cm                                     | late > 75 cm                                     |
| Full stall limit                       | late > 90 cm                                     | late > 90 cm                                     |
| Increase in steering power             | high   | high   |
| Front collapse                         | 1  | 1  |
| Pre-acceleration                       | average  | average  |
| Opening behaviour                      | spontaneous, quickly                             | spontaneous, quickly                             |
| Front collapse (accelerated)           | -  | 1  |
| Pre-acceleration                       | -  | average  |
| Opening behaviour                      | -  | spontaneous, quickly                             |
| Asymmetric collapse                    | 1  | 1  |
| Turn tendency                          | < 90 degrees                                     | < 90 degrees                                     |
| Rate of turn                           | slight<br>with deceleration                      | slight<br>with deceleration                      |
| Loss of altitude                       | slight   | slight   |
| Stabilization                          | spontaneous                                      | spontaneous                                      |
| Opening behaviour                      | spontaneous, quickly                             | spontaneous, quickly                             |
| Asymmetric collapse (accelerated)      | -  | 1  |
| Turn tendency                          | -  | < 90 degrees                                     |
| Rate of turn                           | -  | slight<br>with deceleration                      |
| Loss of altitude                       | -  | slight   |
| Stabilization                          | -  | spontaneous                                      |
| Opening behaviour                      | -  | spontaneous, quickly                             |
| Countersteering an asymmetric collapse | 1  | 1  |
| Stabilization                          | countersteering easy                             | countersteering easy                             |
| Control travel                         | high   | average  |
| Control pressure increase              | high   | high   |
| Turn in opposite direction             | easy, no tendency to stall                       | easy, no tendency to stall                       |
| Opening behaviour                      | spontaneous, quickly                             | spontaneous, quickly                             |
| Full stall, symm. exit                 | 1  | 1  |
| Full stall, asymm. exit                | 1  | 1  |
| Spin out of straight flight            | 1  | 1  |
| Spin out of turn                       | 1  | 1  |
| Spiral dive                            | 1  | 1  |
| Entry                                  | easy   | easy   |
| Spin tendency                          | slight   | slight   |
| Exit                                   | spontaneous                                      | spontaneous                                      |
| B-line stall                           | 1  | 1  |
| Entry                                  | easy   | easy   |
| Exit                                   | spontaneous                                      | spontaneous                                      |
| Landing                                | 1  | 1  |
| Landing behaviour                      | easy   | easy   |
| Supplementary remarks                  |  |  |



**Test report DHV 97 Fides 28**

Type Fides 28  
 Certificate-No DHV GS-01-0906-01  
 Holder of certificate Zdenek Lukavsky Sky Paragliders  
 Manufacturer SKY PARAGLIDERS A.S.  
 Classification 1 GH  
 Winch tow Yes  
 Number of seats min / Number of seats max 1/1  
 Accelerator? Yes  
 Trimmers? No

|  | Behaviour at min weight in flight (85 Kg) | Behaviour at max weight in flight (110 Kg) |
|--|---|--|
| Take off                               | 1   | 1  |
| Inflation                              | evenly, immediately                       | evenly, immediately                        |
| Rising behaviour                       | immediately comes over pilot              | immediately comes over pilot               |
| Take off speed                         | average                                   | average                                    |
| Take off handling                      | easy                                      | easy                                       |
| Straight flight                        | 1   | 1  |
| Trim speed [km/h]                      | 34  | 36   |
| Accelerated speed [km/h]               | 0   | 44   |
| Roll damping                           | high                                      | high                                       |
| Turn handling                          | 1   | 1  |
| Spin tendency                          | slight                                    | not available                              |
| Control travel                         | high                                      | high                                       |
| Agility                                | high                                      | high                                       |
| Symmetric stall                        | 1   | 1  |
| Deep-stall limit                       | late > 75 cm                              | late > 75 cm                               |
| Full stall limit                       | late > 90 cm                              | late > 90 cm                               |
| Increase in steering power             | high                                      | high                                       |
| Front collapse                         | 1   | 1  |
| Pre-acceleration                       | slight                                    | slight                                     |
| Opening behaviour                      | spontaneous, quickly                      | spontaneous, quickly                       |
| Front collapse (accelerated)           | -   | 1  |
| Pre-acceleration                       | -   | slight                                     |
| Opening behaviour                      | -   | spontaneous, quickly                       |
| Asymmetric collapse                    | 1   | 1  |
| Turn tendency                          | < 90 degrees                              | < 90 degrees                               |
| Rate of turn                           | slight<br>with deceleration               | slight<br>with deceleration                |
| Loss of altitude                       | slight                                    | slight                                     |
| Stabilization                          | spontaneous                               | spontaneous                                |
| Opening behaviour                      | spontaneous, quickly                      | spontaneous, quickly                       |
| Asymmetric collapse (accelerated)      | -   | 1  |
| Turn tendency                          | -   | < 90 degrees                               |
| Rate of turn                           | -   | slight<br>with deceleration                |
| Loss of altitude                       | -   | slight                                     |
| Stabilization                          | -   | spontaneous                                |
| Opening behaviour                      | -   | spontaneous, quickly                       |
| Countersteering an asymmetric collapse | 1   | 1  |
| Stabilization                          | countersteering easy                      | countersteering easy                       |
| Control travel                         | high                                      | high                                       |
| Control pressure increase              | high                                      | high                                       |
| Turn in opposite direction             | easy, no tendency to stall                | easy, no tendency to stall                 |
| Opening behaviour                      | spontaneous, quickly                      | spontaneous, quickly                       |
| Full stall, symm. exit                 | 1   | 1  |
| Full stall, asymm. exit                | 1   | 1  |
| Spin out of straight flight            | 1   | 1  |
| Spin out of turn                       | 1   | 1  |
| Spiral dive                            | 1   | 1  |
| Entry                                  | easy                                      | easy                                       |
| Spin tendency                          | slight                                    | not available                              |
| Exit                                   | spontaneous                               | spontaneous                                |
| B-line stall                           | 1   | 1  |
| Entry                                  | easy                                      | easy                                       |
| Exit                                   | spontaneous                               | spontaneous                                |
| Landing                                | 1   | 1  |
| Landing behaviour                      | easy                                      | easy                                       |
| Supplementary remarks                  |   |  |



**Test report DHV 97 Fides 30**

|   |   |   |
|---|---|---|
| Type                                      | Fides 30  |   |
| Certificate-No                            | DHV GS-01-0907-01                                 |   |
| Holder of certificate                     | Zdenek Lukavsky Sky Paragliders                   |   |
| Manufacturer                              | SKY PARAGLIDERS A.S.                              |   |
| Classification                            | 1 GH  |   |
| Winch tow                                 | Yes   |   |
| Number of seats min / Number of seats max | 1/1   |   |
| Accelerator?                              | Yes   |   |
| Trimmers?                                 | No  |   |
|   | <b>Behaviour at min weight in flight (100 Kg)</b> | <b>Behaviour at max weight in flight (130 Kg)</b> |
| Take off                                  | 1   | 1   |
| Inflation                                 | evenly, immediately                               | evenly, immediately                               |
| Rising behaviour                          | immediately comes over pilot                      | immediately comes over pilot                      |
| Take off speed                            | average   | average   |
| Take off handling                         | easy  | easy  |
| Straight flight                           | 1   | 1   |
| Trim speed [km/h]                         | 35  | 38  |
| Accelerated speed [km/h]                  | 0   | 45  |
| Roll damping                              | high  | high  |
| Turn handling                             | 1   | 1   |
| Spin tendency                             | not available                                     | not available                                     |
| Control travel                            | high  | high  |
| Agility                                   | high  | high  |
| Symmetric stall                           | 1   | 1   |
| Deep-stall limit                          | late > 75 cm                                      | late > 75 cm                                      |
| Full stall limit                          | late > 90 cm                                      | late > 90 cm                                      |
| Increase in steering power                | high  | high  |
| Front collapse                            | 1   | 1   |
| Pre-acceleration                          | average   | average   |
| Opening behaviour                         | spontaneous, quickly                              | spontaneous, quickly                              |
| Front collapse (accelerated)              | -   | 1   |
| Pre-acceleration                          | -   | average   |
| Opening behaviour                         | -   | spontaneous, quickly                              |
| Asymmetric collapse                       | 1   | 1   |
| Turn tendency                             | < 90 degrees                                      | < 90 degrees                                      |
| Rate of turn                              | slight<br>with deceleration                       | slight<br>with deceleration                       |
| Loss of altitude                          | slight  | slight  |
| Stabilization                             | spontaneous                                       | spontaneous                                       |
| Opening behaviour                         | spontaneous, quickly                              | spontaneous, quickly                              |
| Asymmetric collapse (accelerated)         | -   | 1   |
| Turn tendency                             | -   | < 90 degrees                                      |
| Rate of turn                              | -   | slight<br>with deceleration                       |
| Loss of altitude                          | -   | slight  |
| Stabilization                             | -   | spontaneous                                       |
| Opening behaviour                         | -   | spontaneous, quickly                              |
| Countersteering an asymmetric collapse    | 1   | 1   |
| Stabilization                             | countersteering easy                              | countersteering easy                              |
| Control travel                            | high  | average   |
| Control pressure increase                 | high  | high  |
| Turn in opposite direction                | easy, no tendency to stall                        | easy, no tendency to stall                        |
| Opening behaviour                         | spontaneous, quickly                              | spontaneous, quickly                              |
| Full stall, symm. exit                    | 1   | 1   |
| Full stall, asymm. exit                   | 1   | 1   |
| Spin out of straight flight               | 1   | 1   |
| Spin out of turn                          | 1   | 1   |
| Spiral dive                               | 1   | 1   |
| Entry                                     | easy  | easy  |
| Spin tendency                             | not available                                     | not available                                     |
| Exit                                      | spontaneous                                       | spontaneous                                       |
| B-line stall                              | 1   | 1   |
| Entry                                     | easy  | easy  |
| Exit                                      | spontaneous                                       | spontaneous                                       |
| Landing                                   | 1   | 1   |
| Landing behaviour                         | easy  | easy  |
| Supplementary remarks                     |   |   |