

Invitation to worldwide open Sunrise flying Victor Stamov Memorial



in remembrance of Victor Stamov

VSM rules 2017

Why VSM? www.vsmsunrise.org/Content/presentations/WhyVSM.pdf

This **freeflight** series will be flown **in remembrance of Victor Stamov**, who died too early on August, 24th 2013 during what he did like to do with pleasure and great empathy - participating in freeflight contests.

**We invite all freeflight friends around the globe
to take part in this innovative freeflight contest series!**
☺ **a worldwide, self running contest** ☺

VSM as a short overview:

- You can go out at **any morning** to **any flying field** or a **dedicated sunrise contest** around the globe
- You make 5 (minimum 3) flights in the morning after sunrise to the ground
- You can fly all your models as always
 - in **regular classes** F1A, F1B, F1C, F1G, F1H, F1Q, F1S, P-30 or
 - in **VSM categories VSM50 (50m line)** or **VSM25 (25m line)** in F1A or F1H with lower performance - excellent for use on smaller fields.
- Your friend can time your flights in a fair manner or
You use an altimeter by consideration of the altimeter preconditions
<http://vsmsunrise.org/blog/conditions-for-altimeter-use-in-vsm/>
- send the filled startcard at <http://vsmsunrise.org/blog/startcard-performance-list/>
together with the graphs of all flights in case of altimeter usage to VSMorganizer
- pay the VSM fees www.vsmsunrise.org/Content/presentations/VSMfees.pdf
as a volunteer donation to cover the cost of running this series like website ...

VSM Rules 2017

In a land of mutual respect, rules are just a piece of paper and fairness is the way to follow!

Requirement:

- Flying in dead, calm air **without** thermal assistance

Flying date:

- Anytime, you like in the morning *after sunrise**
last flight latest 2 hours after sunrise =local time of sunrise - check at
<http://www.sunrise-and-sunset.com/de/sun/>

Flying mode:

You can fly **as often VSM Sessions** a year and **when** you want anywhere at an

- **individual VSM sunrise flying** (YOU decide alone!)
- **VSM sunrise contest**

How to fly?

Following **proven sunrise rules** were adapted with the calculation of a **VSM** session with following criteria:

- A. Make **5** (minimum 3) **unlimited flights** in *calm air* to the **ground**
 - A1 The **best** and **worse flight time** will be cancelled (to exclude the outliers); not flown flights are taken as 0 sec
 - A2 In case only **3** flights, the not flown 4th flight with 0 which will be deleted as the worst flight.
- B. Finally **the average** from the **remaining flights** will be calculated and set as the **final VSM result**.
 - B1 in case of **5** flights the **average** of **remaining 3** flights will be calculated
 - B2 in case of **3/4** flights the **average** of **remaining 2** flights will be calculated

When **thermal** will appear (model stay or climb and don't come down or fly for instance after 4 min still at great height or the flying time is out of usual flying time/ flights before flown) the VSM session is over and this flight will be taken out as outlier. If one of the flights, taken into the average, is **60 sec** higher than the average of the rest flights, this outlier flight can't be counted for VSM. If a fair sunrise flying is not possible, no results can be entered for that session.

VSM Classes and Categories:

<http://www.vsmsunrise.org/Content/presentations/VSMclasses.pdf>

Fly **regular classes** F1A, F1B, F1C, F1G, F1H, F1Q, F1S and P30 or try new **innovative** glider categories **VSM 50** or **VSM25** in **F1H** or **F1A**

- Shorter flights with lower performance can be flown on smaller fields
- Start your model with 50m towline w/o gaining height by acceleration
- Flown time of flights with 25m line will be extrapolated proportional to 50m.

For a fair comparison depending of the start height will be build following the HEC also in F1A VSM categories <http://vsmsunrise.org/blog/new-vsm-categories/>

VSM Rules 2017

In a land of mutual respect, rules are just a piece of paper and fairness is the way to follow!

Ranking variant:

<http://vsmsunrise.org/blog/wp-content/uploads/2017/01/VSM2017variant.pdf>

1. “VSM time” → - *Which model has the longest flying time?*
 - Possible for all flights
2. “VSM high and fly” - *Which model has the best gliding rate?*
 - Condition: Altimeter usage and graph recording
 - VSM category F1H25 or 50 and F1A25 or 50 will be included, due the height is with 25 or 50m clearly defined
3. “VSM AltiSim” - as test for small home flying fields
 - Conceptual time will be calculated from uploaded graph as prolongation of the line from position 10sec after highest point to RDT point to the ground.
 - Possible only by Altimeter usage with consideration of the conditions – see in <http://vsmsunrise.org/blog/conditions-for-altimeter-use-in-vsm/>

Results:

on <http://vsmsunrise.org/blog/startcard-performance-list/>

Fairness: Victor showed always fair play and fair fly ☺

- Please follow him with your own responsibility and sportsmanship
- Please enter only flights, which have been flown within the rules
- **Cheating** has no place in VSM and will be punished by disqualification

VSM Organisation team:

VSM Organizer: Ansgar Nüttgens (GER) [VSMfreeflight \(at\) gmail.com](mailto:VSMfreeflight@gmail.com)

VSM website: Shlomi Rosenzweig (USA)

VSM Promotor:

Gary Madelin (GBR), Per Findahl (SWE), Brian van Nest (USA) and more ...

VSM Jury: Walt Ghio (USA), Leslie Farkas (CAN), Mario Rocca (ITA)

This *VSM* is coordinated with Liudmila Stamova and will be supported by her!



☺ Not only fly high, but fly long ... ☺