



35th year of the
ŠKODA Economy Run
How high is your fuel consumption ?
Kosmonosy – Vrchlabí – Kosmonosy
24th of September 2016



1. GENERAL

The event is organized with the cooperation of ŠKODA Auto a.s. and ÚAMK-Automotoklub Škoda Mladá Boleslav. The technical check of the competing vehicles is provided by Servisní služby ŠKODA Auto. All facilities are located in the building of ŠKODA Service Training Centre (STC).

The event will be held on the route from Kosmonosy to Vrchlabí and back on 20.9.2014. The length of the route is approximately 300km divided into two stages. Every competing crew will receive a Route Book, which consists of written instructions, distances and diagrams of junctions etc.

The detailed „Outline schedule“ will be published together with the “Statement of the entrance”.

2. ENTRIES

The entry form on the internet site www.economyrun.cz is to be completed and submitted by August 28th, 2016 by

E-mail : prihl@economyrun.cz

Post : ÚAMK-Automotoklub Škoda, Tř. Václava Klementa 839, 293 01 Mladá Boleslav (Czech Republic)

Fax : +420 326 782 703

Every entrant will receive a statement about his/her application for the event by September 4th.

3. ELIGIBLE VEHICLES, ELIGIBLE CREWS

Only the production models of Citigo, Fabia, Roomster, Rapid, Octavia, Yeti or Superb with petrol or diesel driven engines will be accepted.

Only those cars will be accepted to the event which have the official fuel consumption specified in the vehicle registration certificate prescribed by Directive No.93/116/ES and its amendments (e.g. 1999/100 or ES 2004/3).

Only those cars will be accepted to the event of the model year 2003 and younger – in VIN code is at the place 10 is presented number 3 or higher or a letter A or following (up to H).

Participating crews must affirm this matter by sending a copy of the vehicle registration certificate together with completed application form. When changing the competing car, the crew must report the information about new car, including a copy of vehicle registration certificate, to organisers 12 hours before the registration point opens.

From technical reasons, organiser cannot accept specific models, which have the fuel tank divided into two separate parts. These models are specified as follows:

- ŠKODA Superb II – in the technical certificate see part “Vozidlo - Typ”
- ŠKODA Octavia II a ŠKODA YETI 4x4 - in the Czech technical certificate see part “Vozidlo – Typ” as well as part “Nápravy – Počet náprav, z toho poháněných”
- ŠKODA YETI whose VIN (Vehicle identification number) contains at the position 10 the number “9” (all cars) or contains at the position 10 the letter “A” and the serial number (at the end of VIN) is less or equal to 043723.

The competing vehicle must comply with effective Czech directives, Highway Rules as well as with other traffic rules that apply. Among others, a vehicle must provide a first-aid-kit, emergency triangle, towing rope, lift jack, spare wheel or repairing kit. Competitors are not allowed to make any modification, deletions or additions that do not match the Highway rules or the ŠKODA Auto standards. This includes the removal of parts and pieces like headrests or folding the external rear-view mirrors back. Tyre pressures may not exceed the highest recommended ŠKODA Auto specifications. All tyres must have the tread profile of the appropriate thickness. This is applicable for the spare wheel as well.

The competing crew must consist of two members. During the whole event, the driver and navigator are expected to carry appropriate personal and vehicle identity documents to include ID cards or passport, driving licence, car registration book.

4. REGISTRATION

Every crew has to complete registration formalities, followed by vehicle inspection, determination of the actual amount of fuel in the tank and sealing.

4.1 Registration formalities at Reception

Every crew should present the confirmation he/she received from the organizers. Every crew receives a competition starting number, Route Book, a crew card containing personal and vehicle details, and information leaflets and advertising material. The starting number as well as advertising material must be fixed to the vehicle as indicated by the organizers and displayed on the model near the starting platform. Advertising material must not be removed from car before prize giving ceremony. The competing car is to be placed for the verification of the amount of fuel in the tank.

4.2 Verification of the amount of fuel in the tank

For participants it is obligatory to have filled a fuel tank at $\frac{1}{2}$ of its capacity before the start to the competition. Every competitor will receive (together with the "Statement of the entrance") a precise tolerance for fuelling the tank with graphical attachment.

A technician will check the fuel level in the tank. In the case the level will not fulfil the prescribed tolerance, the technician will determine a difference (it is necessary either refuel or fuel deplete/consume by ride - all at the expense of competing crew). After adjusting the amount of fuel, participants are required to complete this check again.

After successful check of the amount of fuel in the tank, the competing car is to be placed for the technical inspection.

4.3 Vehicle inspection

Vehicle inspection consists of checking the operating condition of the engine by ŠKODA Auto technicians and undertaking other checks prior to acceptance. Afterwards the competing car is to be placed for the determination of the actual amount of fuel in the tank and for the sealing.

4.4 Determination of the actual amount of fuel in the tank, filling the fuel and sealing

After the technical inspection, a technician will determine the actual amount of fuel in the tank by diagnostic device. The value will be written into the "control card". Participants are required to allow access to the diagnostic socket in the vehicle. If, for any reason, will not be possible to determine the amount of fuel in the tank, the vehicle will not be allowed to start the competition.

After determining of the amount of fuel in tank, specified amount of the fuel will be filled – the amount will be written into the "control card". Certain parts of the vehicle such as the bonnet and fuel filler cap will be sealed.

Afterwards the competing car is to be placed into the park fermé, where it will stay until the start of the first stage.

It is not allowed to tamper in any manner with sealed parts. The only exception is assistance of responsible technician of ŠKODA servis, who will seal any opened part (previously sealed) again and make a note in the crew card.

5. COMPETITION BRIEFING

Up-to-date information about road conditions, Route Book and time schedule will be given out at the time and room indicated in the information leaflets competitors received at registration. One person from each crew must attend the briefing meeting. Every crew must follow all information or instructions given at the briefing meeting.

6. DESCRIPTION

The course includes two stages. The details about time and place of the start into the particular stages will be specified in the "Outline schedule".

Each competing crew must handle their car only by its engine power. Each competitor must absolutely obey traffic regulations for the duration of the competition. Take special care in urban areas. It is forbidden to either tow or push the vehicle. There are following exceptions from this rule:

- Pushing the car into the specified place at the park fermé (if it is necessary)
- Pushing the car into the starting position of every stage
- Pushing the car from the start place, when the car cannot be started – see Article 6.1.
- Pushing the car when waiting for final determination of the amount of fuel in the tank

The route, the length of both stages as well as the time limit for the whole course (minimal average speed, which must be achieved) will be given in the Route Book received at the registration point. The time limit covers both stages. In the case that a crew has deviated from the official route, the crew must continue to the following parts of the route from the exact place of deviation, otherwise it will be excluded. The crew can drive through any part of the route repeatedly without any penalty.

A tracking device (GPS), which will be placed in the competing vehicle will monitor adherence to the official route and traffic regulations. Participants are required to allow placement of the device in a vehicle (requires neither installation nor connection). Without this device, the crew will not be allowed to start to the competition.

A service vehicle (Service Mobil) will be available during the whole course. The number of the mobile phone of the Service Mobil will be indicated in the Route Book.

6.1 Start of the Stages

Crews will start into the first stage at two-minute intervals according to the starting numbers.

Before the Start, the engine must be switched off. Within 1 minute after the motion of the starter, the engine must be run using the standard starting system, the vehicle is provided with. Any vehicle, which will not leave the Start, must be pushed forward to make space available for the next crew. An organizer will supervise the Start.

Crews will start into the other stages at intervals of two minutes according to the order they arrived at the Finish to the previous stage. Starting procedures will be as for stage I.

6.2 Finish of the Stages

After entering the Finish of the stage, the vehicle must be parked in park fermé. The vehicle is not allowed to leave the park fermé before the Start to the next stage

Every crew will pass the flying finish at the end of the event (by the gate to the Servisní služby ŠKODA Auto). The actual amount of the fuel in the tank will be determined, seals will be checked and all necessary data will be written into the Crew card. The competing vehicle is to be placed into the park fermé (in front of STC) immediately where all of the competing vehicles must remain until the "Final results" are published. The Crew card is to be handed over to the event reception immediately; otherwise, the crew will be excluded.

6.3 Exclusion and Penalty

A competing crew will not be allowed to the start for:

- not fulfilling the prescribed tolerance of the fuel in the tank (see par.4.2)
- If, for any reason, it will not be possible to determine the amount of the fuel in the tank (see par.4.4)
- If no tracking device (GPS) will be placed in the car (see par.6)

A competing crew will be excluded for:

- Violating the rules about park fermé see Articles 4.3, 6.2
- Deviating from specified road and not returning to it at the place of deviation
- Exceeding the time limit of more than 5 minutes.
- Losing or damaging of the Crew card or changing any data entered by organizers.
- For any other serious violation against these Regulations and/or effective Czech rules, laws or directives
- Exceeding sum of penalty over 20%.
- Non-handing over of the Crew card to the reception of the event (Article 6.2).

Following violations against traffic rules as well as against these Regulations will result in a penalty – percentage of addition to the fuel consumption. The addition is made to the total fuel consumption during the competition:

- Exceeding of the time limit up to the 5 minutes - 2% per each minute or fraction of a minute (over 5 causes exclusion).
- Exceeding the speed limit : 10,01-20,0 km/h – 5%, 20,01 and more 15%
- Failure to stop at the traffic sign STOP – 5%
- Passing a red traffic light – 10%
- Other traffic rule violations stated by the organisers – 3-10% depend on the seriousness of the violation

Directorate (director, main organizer or chief referee) of the event has the right to penalize or exclude competing crew for any other serious violation not specified above.

7. PROTEST, APPEALS

Any protest must be made in writing together with a deposit of 2 000 CZK to the director, main organizer or chief referee of the event within 15 minutes after announcing the provisional results. In the event that the protest is upheld, the deposit will be returned. Otherwise, the deposit will be forfeit to the organizers.

8. SCORING

8.1 Method for measuring the consumption

A Technician will measure by a diagnostic tool the amount of fuel in the tank before and after the competition in the workshop of ŠKODA Service Kosmonosy. This procedure will be performed at the same location. The total amount of consumed fuel will be calculated as a difference of these two values added by the exact amount filled before the start.

8.2 General classification

The pollution of CO₂ (g/km), which is calculated from achieved consumption on the specified track, is used to rate competing vehicles in the general classification. The coefficients of produced CO₂ for the calculation formula are taken from the official materials of VW concern as follows :

- **Petrol engine – 2,33 kg/l**
- **Diesel engine – 2,64 kg/l**

The winner is the crew who achieves the smallest value. In the event that more than one competitor achieves the same value, the winner will be determined on the roomiest engine capacity and on the highest average speed.

8.3 Classification in classes

The group of **vehicles with petrol engine (B)** will be divided into the following classes according to the capacity of the engine :

- **class up to 1000 ccm (B1000)**
- **class 1001 - 1200 ccm (B1200)**
- **class 1201 ccm and more (B3000)**

The group of **vehicles with diesel engine (D)** will be divided into the following classes according to the capacity of the engine :

- **class up to 1600 ccm (D1600)**
- **class 1601 ccm and more (D3000)**

The percentage ratio of achieved consumption against standardised one is used to rate competing crews in particular class. The standardized value of combined consumption specified in the vehicle registration certificate is used – there is the third one in CZ certificate. In the event that the organizer is not able to find this value in the vehicle certificate, it could be obtained from internal databases of producer of the vehicle.

The winner of each class or category will be the competitor who achieves the best percentage ratio of achieved consumption against standardised one. In the event that two or more competitors achieve the same consumption, the winner will be decided on the lowest standardised consumption and on the highest average speed.

8.4. Classification in categories

Following special category is to be evaluated :

- **Media (VIP)** a category for competing journalists, reporters, editors publishing a report about the event. In this category could be included also public figures. Organisers will place competing crews in this category by a data filled in the application form.

For classification competing crews in this category are valid the same rules as for classification in classes (Article 8.3.).

Organizers reserve the right to evaluate any other crew by their own consideration.

8.5 Calculated values are rounded mathematically with the following precision :

- Total fuel consumption - 1 decimal places
- Pollution of CO₂ - 2 decimal places
- Average speed - 2 decimal places
- Percentage ratio of achieved consumption against standardized one - 1 decimal places

8.6. Rejection from the classification

Organizers reserve the right to reject any competing crew from the classification if the result does not match the theoretical or technical possibility of the competing vehicle.

9. PRIZE GIVING, AWARDS

The prize giving will be held approximately 30 minutes after the Official results are announced.

The organizers reserve the right not to award the winner of a class or category if the number of competing vehicles in the class or category is less than three. In such a case, it is possible to merge this class or category with another one.

A crew loses the claim to any award if it does not attend the award ceremony.

10. FINAL CONCLUSION

The organizers reserve the right to re-inspect the vehicle for the traffic rules as well as for fitness at any time.

The organizers do not provide any additional insurance for competing crews during the event. Competitors agree to be bound by the Highway Codes, traffic regulations as well as the instructions of the organizers. Competitors take part at their own risk and agree to cover all damage or harm caused.

By entering the event every competitor accept the following rules of behaviour for the internal areas of ŠKODA Auto :

- Every person has to go to the dining room immediately after placing car into the park fermé.
- Filming and photography is strictly prohibited, except for persons with special accreditation.
- Smoking is permitted only in designated areas.

11. COSTS and FEES

11.1 Paid by competing crews

- Participation fee – 1 200 CZK per competing vehicle.
- Eventual refuelling during the adjusting the amount of fuel

11.2 Costs met by the organizers

- A snack for two persons at the Start to the stage I.
- Specified amount of fuel before the start to the event.
- A snack for two persons at the finish of the stage I.
- Snack for two persons before the prize giving.

12. NOTES

- You can find up-to-date information as well as results of the event on the web site <http://www.economyrun.cz>.
- If you need accommodation, a bungalow in Autocamp Kosmonosy could be booked for you.



ŠKODA

TERMS RECAP

- 28.8.2016 deadline for applications
- 4.9.2016 Statement of the entrance
- 22.9.2016 12:00 - Deadline for information about changing competing car
- 24.9.2016 day of the competition (start, finish, classification, prize giving, etc.)

PRELIMINARY OUTLINE SCHEDULE

Saturday – 24.9.2016

- 6:30 Opening of the Registration desk, Snack before start to the first stage – ŠKODA Service Training Centre (STC), Kosmonosy
- 8:30 Closing of the Registration desk – ŠKODA STC, Kosmonosy
- 8:30 Meeting point – Opening of the event, Competition briefing – Auditorium Mission, ŠKODA STC, Kosmonosy
- 9:00 Start of the first crew into the first stage – Parking in front of ŠKODA STC, Kosmonosy
- 12:45 Estimated time of arrival of the first crew at the finish of the first stage – Parking in the plant of ŠKODA Auto, Vrchlabí
- 14:15 Estimated time of the start of first crew into the second stage – Parking in the plant of ŠKODA Auto, Vrchlabí
- 16:15 Estimated time of arrival of the first crew at the Finish of the event – Parking in front of ŠKODA STC, Kosmonosy
- 18:35 Estimated time of arrival of the last crew at the Finish of the event – Parking in front of ŠKODA STC, Kosmonosy
- 19:10 Provisional results (estimated time) – Reception hall of ŠKODA STC, Kosmonosy
(Time will be specified according to the finish procedure)
- 19:30 Final results (estimated time) – Reception hall of ŠKODA STC, Kosmonosy
(20 minutes after the Provisional results are announced or after any protest will be resolved)
- 20:00 Prize giving ceremony (estimated time) – Auditorium Mission, ŠKODA STC, Kosmonosy
(Approximately 30 minutes after Final results are announced)