

**DARMSTADT FLYING CLUB**  
**2011 FLIGHT REVIEW & CLUB CHECK OUT**

Timm Preusser CFI CFII MEI. File: dfc-co11.doc. Date: 1 March 2011

**PILOT DETAILS and EXPERIENCE**

**Note: THIS sheet, signed by you and your CFI, AND the QUESTIONNAIRE are required EVERY 12 months to avoid your flying privileges being suspended.**

Name: \_\_\_\_\_ Date of Birth \_\_\_\_\_

Street: \_\_\_\_\_

ZIP, Town: \_\_\_\_\_

Phone \_\_\_\_\_ Handy \_\_\_\_\_

e-mail: \_\_\_\_\_

Pilot Certificate Number: \_\_\_\_\_ BFR valid until \_\_\_\_\_

Log Book Total Time: \_\_\_\_\_ Log Book last 6 Months: \_\_\_\_\_

Medical Certificate Grade: \_\_\_\_\_ Valid until: \_\_\_\_\_

US FCC Radio Permit, Date issued: \_\_\_\_\_

Last Checkout FLIGHT in N98825: \_\_\_\_\_ N1349Z: \_\_\_\_\_

You can apply for **“Prolongation by Paperwork”** (no airplane check flight necessary) if you've been **continuously current** (90-day-rule, minimum of 12 landings) during the last 12 months **AND** your BFR is still good for 10 months. If so, please send copy of the BFR, this form, AND the filled in questionnaire to the DFC Training Officer ([n-flight@t-online.de](mailto:n-flight@t-online.de)). The 12 landings were (place, date):

\_\_\_\_\_

Pilot Signature, stating that all above information is true: \_\_\_\_\_

Above data for FAA license, BFR date, Radio Station license, Medical checked by

CFI Name \_\_\_\_\_ Date \_\_\_\_\_ CFI Signature \_\_\_\_\_

Checkout passed in N1349Z: Date: \_\_\_\_\_ CFI Signature \_\_\_\_\_

Checkout passed in N98825: Date: \_\_\_\_\_ CFI Signature \_\_\_\_\_

FAR 61.56 BFR passed: Date: \_\_\_\_\_ CFI Signature \_\_\_\_\_

FAR 61.57 IPC passed: Date: \_\_\_\_\_ CFI Signature \_\_\_\_\_

Paperwork Prolongation : Date: \_\_\_\_\_ Training Officer only \_\_\_\_\_

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**1. Pilot Details and Experience****2. Ground Briefings, Oral**

See yearly DFC questionnaire on the DFC web page, containing questions related to:

- a) FAR Part 61 Pilot Certification, FAR Part 91 General Operating and Flight Rules
- b) Review of German Airspace and Rules
- c) DFC Operating Rules
- d) Obtaining Weather Information
- e) Airplane characteristics, Performance Sheet

**3. Flight Maneuvers (from Private Pilot Practical Test Standards)**

**Required every 2 years only if continuously current (90 day rule)**

- a) Preflight operations
- b) Ground operations, including steering & braking
- c) Airport and traffic pattern operations, including pos. exchange of controls
- d) Radio communication.
- e) Requesting transponder check or traffic information
- f) 3 Takeoffs and Landings, different types
- g) Maneuvering during slow flight. Power off stall
- h) Steep turns
- i) Radio and GPS navigation
- j) Basic instrument maneuvers (Hood). Recovery from unusual attitude
- k) Emergency maneuvers
- l) Student preference maneuvers
- m) Other maneuvers from PTS at CFI's discretion

**4. Debriefing****5. Second Checkout**

In case of 2 checkouts in 2 planes within the same calendar year (December 31 being the ultimate), pilots showing the following experience shall have a reduced checkout only. Requested experience: Since the checkout in the other plane, they were continuously (no break allowed) current according to FAR 61.57 (three takeoffs/landings every 90 days).

In this case, it is requested to demonstrate at least:

- 1 takeoff and 1 landing in second plane within PTS standards
- Slow flight in second plane
- Familiarity with aircraft operating systems, radios and avionics
- Student preference maneuvers

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## AIRPLANE & AIRSPACE QUIZ

### CROSS COUNTRY FLIGHT PLANNING

1. 2011: Plan a flight from Egelsbach (EDFE) to Juist (EDWJ). Prepare a NavLog and an ICAO Flightplan. Anything special to cross the sea? What route do you fly, and what altitude? Do you need life jackets? Where are the DFC life jackets to be found?

Use the NEW weight & balance data as of January 2011. Assume 2 people each 185 lbs and no baggage for the C152, or 3 people each 185 lbs and 85 lbs baggage for the C172. Then fill up fuel to the remaining gross weight. Determine fuel consumption. Can you make the flight without a refueling stop? (DFC fuel reserves are ...?).

Determine takeoff and landing distances over a 50ft obstacle at each airport used for this flight and check against runway lengths. Assume a standard pressure (29.92 Hg, 1013 Hpa) summer day with 30°C and no surface wind. Determine Density Altitude for Egelsbach and Juist.

Egelsbach data are: EDFE, Elevation 384 ft, Rwy 09/27, TORA 1166/1400 m.

Juist data are: EDWJ, Elevation 8ft, Rwy 08/26, 700 m.



**WEATHER**

6. Refer to the Met Infos below. Which are TAFs (Terminal Area Forecast), which are METARs (Aviation Routine Weather Report)? Which of the reporting stations have VFR weather, and when?

February: EDHK 101320Z 21014KT 9000 -RA BKN018 06/04 Q1002 WHT  
BLU TEMPO GRN=

March: EDDV 030900Z 031019 18012KT 9999 FEW030 TEMPO 1019  
17015G25KT=

July: EDDM 051213Z 051322 16014KT CAVOK BECMG 1618  
13018G28KT SCT020 BKN100 BECMG 1820 11020G35KT BECMG 2022  
7000 -RA SCT010 BKN015 PROB40 TEMPO 2022 11026G40KT=

October: EDFH 241220Z 241322 24010KT 0800 FG VV002 TEMPO  
1316 0400 FG VV000 BECMG 1619 1500 BR BKN008=

December: EDDG 060500Z 0606/0706 03012KT 9999 SCT010  
BKN015 BECMG 0606/0608 04015G25KT PROB30 TEMPO  
0606/0615 4000 -SHSN BKN010 BECMG 0618/0621 04008KT=



**AIRPLANE**

11. What are the NEW Weight & Balance data for N98825 and N1349Z after having been re-weighed in January 2011? List Empty Weight, Gross Weight, Useful Load, and Moments.
12. When are the next inspections due for this plane:
- 100 hr \_\_\_\_\_ Annual \_\_\_\_\_ VOR \_\_\_\_\_
- Pitot Static \_\_\_\_\_ Transponder \_\_\_\_\_ ELT \_\_\_\_\_
13. DFC rule 3.3.10 and FAR 91.205 prohibit any flight with inoperative equipment. Make a list of this equipment for day and for night flight.
14. What is the usable fuel capacity, fuel grade and color for the DFC airplanes?
15. Where is the 406 Mhz ELT On/Off/Auto switch situated in the DFC airplanes?

**PREFLIGHT – TAXI - RUNUP**

16. What should you do if the engine catches fire during start-up?

17. Why is it in the checklist (and necessary) to manually switch the transponder to “Standby” in DFC airplanes after startup and switching the Avionics Power on?

**TAKEOFF – CRUISE - LANDING**

18. 2011: List the following frequencies:

– Egelsbach Ground: \_\_\_\_\_

– Egelsbach Info: \_\_\_\_\_

– Egelsbach NDB: \_\_\_\_\_

– Frankfurt ATIS: \_\_\_\_\_

– Frankfurt VOLMET: \_\_\_\_\_

– RID VOR: \_\_\_\_\_

– Mannheim Tower: \_\_\_\_\_

19. Explain the RIGHT-OF-WAY rules (91.113)

20. a) How do you detect carburetor ice?

b) How do you clear carburetor ice?

21. What situations may result in reaching or exceeding the maximum load factors?

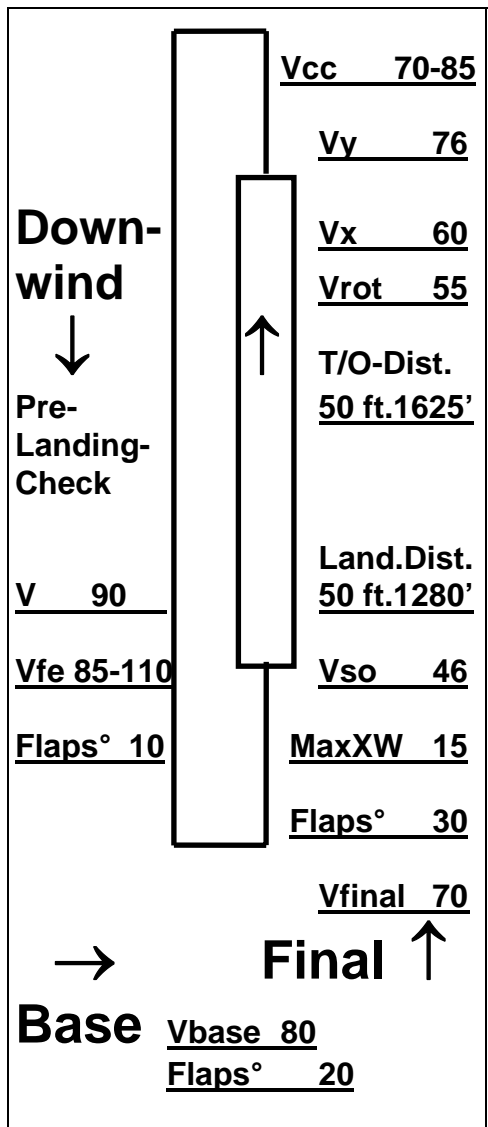
22. Horizontal minimum clearance from clouds in German class C,D,E,F airspace is:

# PERFORMANCE CHART

|                     |         |
|---------------------|---------|
| <b>Registration</b> | N98825  |
| <b>Type</b>         | C172 P  |
| <b>Chart Date</b>   | Mar1,11 |

|                      |          |
|----------------------|----------|
| <b>Max. Weight</b>   | 2400 lbs |
| <b>Emty Weight</b>   | 1563 lbs |
| <b>Fuel Gal L/R</b>  | 20/20    |
| <b>Fuel Lits L/R</b> | 75/75    |
| <b>Cruise Gal/h</b>  | 8.6      |
| <b>Climb Gal/h</b>   | 12       |
| <b>Serv.Ceiling</b>  | 13000'   |
| <b>Voltage</b>       | 24       |

| <b>Speeds in</b> | <b>KIAS</b> |
|------------------|-------------|
| Vne              | 158         |
| Vno              | 127         |
| Va               | 82-99       |
| Vs flaps up      | 51(44ind)   |
| Vso              | 46(33ind)   |
| Vfe              | 85(110)     |
| Vx               | 60          |
| Vy               | 76          |
| Best Glide       | 65          |
| Vr short field   | 50          |



# PERFORMANCE CHART

|              |         |
|--------------|---------|
| Registration | N1349Z  |
| Type         | C152    |
| Chart Date   | Mar1,11 |

|               |          |
|---------------|----------|
| Max. Weight   | 1670 lbs |
| Emty Weight   | 1212 lbs |
| Fuel Gal L/R  | 12/12    |
| Fuel Lits L/R | 46/46    |
| Cruise Gal/h  | 6.1      |
| Climb Gal/h   | 9        |
| Serv.Ceiling  | 14700'   |
| Voltage       | 24       |

| Speeds in      | KIAS      |
|----------------|-----------|
| Vne            | 149       |
| Vno            | 111       |
| Va             | 93-104    |
| Vs flaps up    | 48(40ind) |
| Vso            | 43(35ind) |
| Vfe            | 85        |
| Vx             | 55        |
| Vy             | 67        |
| Best Glide     | 60        |
| Vr short field | 45        |
| Vle            |           |
|                |           |

