



Flight Contest 3.0 (Edition 3)

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Flight Contest is a tool to schedule general aviation power flying competitions and to evaluate planning, navigation, observation and/or landing test results.

Flight Contest features flexible competition management, particularly supporting

- differing competition rules and regulations
(FAI, Germany, Switzerland, Austria, expandable)
(adjustment of individual evaluation details (points) possible, should the need arise)
- competition classes
(different evaluation of groups of crews participating in a competition)
- combined competitions
(competitions taking place at the same time with the same competitors participating in)
- parallel competitions
(competitions taking place at the same time with different competitors participating in)
- the evaluation of specific groups of crews, which can be determined on an ad hoc basis



Is an advanced, Java technology-based, multilingual and network-compatible open source database application:

- User interface runs in a web browser (Firefox, Internet Explorer, etc.).
- It can be used simultaneously on several networked computers.
- Every user can use his/her preferred language (German, English, expandable).
- Crash-safe.
- High protection against operating errors.

Supports GAC, GPX and IGC logger data formats (expandable).

Creates PDF for printing and publication on the internet.

Sends competition maps to competitors by e-mail.



Supports special route features:

- Secret time checks
- Curved legs
- Touch-and-go landings

Displays live results (live scoring):

- Display of preliminary ranking during a debriefing
- Simultaneous publication in the local network and on the internet

Provides integrated map viewers for navigation flights, routes and logger files :

- Offline map display for navigation flight evaluation
- Online map display using Google Maps and Open Street Map
- Logger data display for GAC, GPX and IGC files



Computer requirements:

Windows

at least 8 GB RAM

CPU Intel® Core™ i5 or i7 (at least 2 cores, at least 2 GHz)

Necessary programs:

'Adobe Reader'

Web browser 'Mozilla Firefox' or other with HTML-5 support

Download of 'Flight Contest' setup (FCSetup-<Version>.exe):




<https://www.dropbox.com/sh/7iij608t3icgab/L3GRISYuvM>

Download of 'Adobe Reader' setup:

<http://get.adobe.com/de/reader>

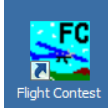


Start Flight Contest:

1. 'All programs -> Flight Contest -> Flight Contest Service Manager'
The icon  (Apache Tomcat FlightContest) appears on the taskbar.
2. Select "Start Service" from the context menu (right-click) of icon  .
The icon on the taskbar changes and turns into  .

Start operation:

Click 'All programs -> Flight Contest -> Flight Contest' or



on the desktop.

Start operation on a remote computer:

Enter the address

'<http://<IP address of computer with Flight Contest>:8080/fc/contest/start>'
in the address bar of a web browser.



1 German Navigation Flying Championship 2016

2 Contest Routes Crews Teams Classes Aircraft Tasks Planning Results Evaluation Live Extras flightcontest.de

3 Settings Points Change Contest New Contest Delete Contest Copy Contest Demo Contest Print free text

4

5

CONTEST DETAILS

Title:	German Navigation Flying Championship 2016
Print prefix:	gnav
Organizer:	Deutscher Aero Club e.V.
Contest with classes:	Yes
Own contest rule for each class:	No
Contest rule:	Germany Navigation Flying - Edition 2016
Map scale:	1:200,000
Coordinate presentation:	Degree/Minutes Decimal
Difference between locale time and UTC:	02:00h
Number of crews for team evaluation:	2
Number of tasks for best of task analysis:	0
Contest id:	e3151e0a-1df1-4e70-aa95-8ca0671b4b26

Flight Contest. Developed by Deutscher Präzisionsflug-Verein e.V.. Released under the GNU GENERAL PUBLIC LICENSE Details see [here](#).

1. Contest title
2. Main menu – major operating steps and basic competition evaluation sequence
3. Submenu – contains commands or allows selection of additional data
4. Messages – shows ready messages (blue) or error messages (red) of commands
5. Information, lists and dialogs – display and input of data

Click on the text in the menu bar to execute commands or to open dialogs.

After a competition has been created, not all main menu items will be immediately available.

Flight Contest

Operating instructions - Dialogs



1 German Navigation Flying Championship 2016

2 Contest Routes Crews Teams Classes Aircraft Tasks Planning Results Evaluation Live Extras flightcontest.de

3

4

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COPY CONTEST

Title*:
German Navigation Flying Championship 2016 (2)

☒ Copy contest settings
☒ Copy routes
☒ Copy crew s
☒ Copy task settings

Copy Cancel

1. Contest title
2. Main menu – major operating steps and basic competition evaluation sequence
3. -
4. Messages - shows ready messages (blue) or error messages (red) of commands
5. Dialog input fields – input of data
6. Commands

Click on a command button to process data entered.

Flight Contest

Operating instructions - Lists



1 German Navigation Flying Championship 2016

2 Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de

3 May 26th, 2016 Show 10 crews

4

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PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)		Planning Test-1 (1 Planning Task List)		Overview Timetable		Jury Timetable				
May 26th, 2016 (Results)		Navigation Test-1 (2 Flight Wind List)		Crew Timetable						
CREWS				DATA OF TASK		TIMETABLE (EDITION 2*)				
Crew	Aircraft	Team	Class	Planning Task	Flight Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1	Jens Schulze	D-EEEA (95kn)	Germany	Competition	Planning Task-1.1 ...	130° 8,00kn (1)	09:10	10:25	11:27:00	11:32:00 ...
<input type="checkbox"/> 2	Frank Meier	HB-EEM (90kn)	Switzerland	Competition	Planning Task-1.1 ...	130° 8,00kn (1)	09:13	10:28	11:35:00	11:40:00 ...
<input type="checkbox"/> 3	Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Germany	Beginner	Planning Task-1.1 ...	170° 12,00kn (2)	09:16	10:31	11:48:00	11:53:00 ...
<input type="checkbox"/> 4	Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Switzerland	Beginner	Planning Task-1.1 ...	170° 12,00kn (2)	09:19	10:34	11:51:00	11:56:00 ...

Select all Move up Move down Assign task Assign wind Calculate timetable Disable

Select to end Move to end Print tasks Print flight plans Enable

Deselect all Reset sequence Time + Time -

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1. Contest title
2. Main menu – major operating steps and basic competition evaluation sequence
3. Submenu – allows selection of list data or additional commands
4. Messages - shows ready messages (blue) or error messages (red) of commands
5. Links to additional dialogs to display and process list data
6. Data list with links to additional data
7. Commands – processing of marked or all list lines

Click on bold text or '...' to access additional dialogs.



- Bold text or numbers as well as the character '...' are links providing access to additional data.
- When entering times, '.' may also be used instead of ':' to avoid the need of pressing the Shift key.
- When entering decimals, ',' may also be used instead of '.'.
- When entering landing results, small letters may be used instead of capital ones to avoid the need of pressing the Shift key.
- When entering landing results, "out" can be entered for landings outside the landing box and "no" in case that no landing was performed to avoid the need of using the mouse while entering data.



1. Crew list
 - > Prepare Excel table using 'Flight Contest' Excel sample
2. Route planning
 - > Make list of coordinates available in the 'Flight Contest' GPX format
3. Task planning
 - > Number, contents, settings and evaluation of tasks



How to proceed:

1. Plan route(s) (e.g. using 'Flight Planner')
2. Plot route on the map (e.g. 'Top 200') and make prints available
3. Determine exact coordinates (degrees decimal, degrees/minutes decimal or degrees/minutes/seconds) and elevations (ft) using Google Earth
4. Routes for precision flying competitions:
Take exact distances on the map (mm) from the printed maps
5. Enter or import route(s) in 'Flight Contest'
6. Check exact coordinates of the route(s) using the integrated online map display and correct coordinates, if necessary
7. GPX export of the route

See also 'Help -> Streckenplanung'.



Features to be entered for a route's check points:

Point	Check	Gate		in Flight	Evaluation		
	Point	Width	Direction		Time	Course	Height
Takeoff	TO	0.05	250	yes	yes	no	no
Start Point	SP	1	-	yes	yes	no	yes
Turn Point	TP1	1	-	yes	yes	yes	yes
Secret Check Point	SC1	2	-	no	yes	yes	yes
Touch&Go Landing	iFP	1	-	yes	yes	yes	yes
	iLDG (1,2)	0.05	250	yes	no	no	no
	iSP (2)	1	-	yes	yes	no	yes
Curved Leg	SC2 (1,2)	2	-	no	no	yes	yes
	TP2 (2,3)	1	-	yes	yes	yes	yes
Final Point	FP	1	-	yes	yes	yes	yes
Landing	LDG	0.05	250	yes	yes	no	no

(1) No time check, no gate check (2) No planning test (3) Check point after curved leg

For all check points, coordinates, minimum altitude above MSL (in ft) and gate width (in NM) must be entered, with an additional runway direction entry for TO, LDG and iLDG.

For TO, LDG and iLDG, enter a very narrow gate (≤ 0.05 NM), which must not be wider than the runway (without taxiways) to allow proper functioning of the automatic time measurement system.

When routes for precision flying competitions are involved, all check points will be provided with an exact distance (taken from the map) to the previous turning point (distance measurement (map) [mm]). Secret check points (SC) must show a gate width of 1NM.

On a curved leg, all check points are secret check points (SC), evaluation of which will be restricted further by additional features.



Flight Contest

New Contest Demo Contest Live Extras flightcontest.de

Info Settings Live settings Test email Test FTP Show gpx Show gac Repair gac Convert gpx to gac

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CREATE CONTEST

Title*: German Navigation Flying Championship 2016

Print prefix:

Organizer*: Deutscher Präzisionsflug-Verein e.V.

☒ Contest with classes
☐ Own contest rule for each class

Contest rule*: Germany Navigation Flying - Edition 2016

Map scale*: 200,000

Coordinate presentation:
☐ Degree Decimal
☒ Degree/Minutes Decimal
☐ Degree/Minutes/Seconds

Difference between locale time and UTC* [hh:mm]: 02:00

Number of crews for team evaluation*: 0

Number of tasks for best of task analysis*: 0

Create Cancel

Select desired coordinate presentation.





German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Live Extras flightcontest.de

New Route Import FC route Import route Print routes

ROUTES				
Title	Distance T/O...LDG	Distance SP...FP	Planning Task List	Navigation Test List
Flight Contest. Developed by Deutscher Präzisionsflug-Verein e.V. Released under the GNU GENERAL PUBLIC LICENSE. Details see here .				

German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Live Extras flightcontest.de

New Route Import FC route Import route

"Route-1" created.

ROUTE DETAILS												
Title:	Route-1											
Planning Task List:												
Navigation Test List:												

COORDINATE LIST												
No.	Title	Latitude	Longitude	Altitude	Gate Width	Gate Direction	Fix flight time	No time check	No gate check	No planning test	True Track map measure	Distance (Map)
RESULT LEG LIST												
No.	Title	True Track (Coord.)		True Track map measure		Distance (Coord.)		Distance (Map)				
Total distance 0,00NM												
TEST LEG LIST												
No.	Title	True Track (Coord.)		True Track map measure		Distance (Coord.)		Distance (Map)				
Total distance 0,00NM												

->



CREATE COORDINATE

Type:
T/O

Latitude*
N 48 6.8080

Longitude*
E 9 45.926

Altitude* [ft]:
0

Gate Width* [NM]:
0.05

Gate Direction* [°]:
250

Fix flight time [min]:

☐ No time check
☐ No gate check
☐ No planning test

Create Cancel

CREATE COORDINATE

Type:
SP

Latitude*
N 48 7.46118

Longitude*
E 9 41.34078

Altitude* [ft]:
2024

Gate Width* [NM]:
1

Fix flight time [min]:

☐ No time check
☐ No gate check
☐ No planning test

Create Cancel

When entering routes in 'Flight Contest', please note that check points can only be entered consecutively. It is not possible to add check points later on.



EDIT COORDINATE

Title: SP

Coordinate from: Route-1

Latitude*

N 48 7.46118

Longitude*

E 9 41.34078

Altitude* [ft]:
2024

Gate Width* [NM]:
1

Fix flight time [min]:

☐ No time check
☐ No gate check
☐ No planning test
☐ Check point after curved leg

Values from last turn point

True Track (Coord.): 282,05°
Distance (Coord.): 28,98mm

True Track map measure [°]:

Distance measure (Map) [mm]:

Cancel Save and End Reset values Delete

All features except type of check point can be changed before being used for the first time.



IMPORT ROUTE

Select route file (.gpx, .ref, .txt).

Coordinates order in route file ([] = optional intermediate landing, { } = optional curved route leg):
T/O, SP, TP/SC..., [IFP, ILDG, ISP,] TP/SC..., {TP, SC..., TP,} TP/SC..., FP, LDG

☒ Coordinate 1 is T/O
Gate Direction* [*]:

☐ Curved route leg between coordinates*:

☐ Intermediate landing (ILDG) on coordinate*:
Gate Direction* [*]:

LDG coordinate:
☒ Last coordinate
☐ Add T/O coordinate
☐ no exists
Gate Direction* [*]:

☒ Calculate SC coordinates automatically (course change < 1°)

Supported formats:

GPX file created by third-party software (e.g. 'Flight Planner').

Must comprise exactly one route (<rte>...</rte>).

Shall comprise altitude data

```
<rtept lat="49.118333, lon="9.784000">  
<ele>400.00</ele></rtept>).
```

REF file generated from an AFLOS reference route.

TXT file, which, per line, comprises one coordinate with the following structure:

Latitude, Longitude, Altitude (in meters)

e.g. '48.830855,10.210301,624.84'

Values separated by comma

(Spaces before/after numbers will be ignored)

Blank lines and lines starting with # will be ignored.

Flight Contest

Competition preparation - Route planning (8)



ROUTE DETAILS

Title:	Route 1
Planning Task List:	Planning Task-1.1
Navigation Test List:	Navigation Test-1

COORDINATE LIST

No.	Title	Latitude	Longitude	Altitude	Gate Width	Gate Direction	Fix flight time	No time check	No gate check	No planning test	True Track map measure	Distance (Map)
1 ✓	T/O	Lat 52° 02,17070' N	Lon 013° 44,23210' E	180ft	0.01NM	274°	-	-	-	-	-	-
2 ✓	SP	Lat 52° 04,89700' N	Lon 013° 49,20700' E	500ft	1.0NM	-	-	-	-	-	-	-
3 ✓	SC1 (66,0%)	Lat 52° 05,12100' N	Lon 014° 06,67900' E	500ft	2.0NM	-	-	-	-	-	089,00°	99,0mm
4 ✓	TP1	Lat 52° 05,22300' N	Lon 014° 15,55500' E	500ft	1.0NM	-	-	-	-	-	089,00°	150,0mm
5 ✓	SC2 (28,5%) (≥90°)	Lat 52° 01,36700' N	Lon 014° 10,41700' E	500ft	2.0NM	-	-	-	-	-	219,00°	46,0mm
6 ✓	TP2	Lat 51° 51,71900' N	Lon 013° 57,66200' E	500ft	1.0NM	-	-	-	-	-	219,00°	161,5mm
7 ✓	SC3 (54,8%)	Lat 51° 44,63300' N	Lon 014° 01,63500' E	500ft	2.0NM	-	-	-	-	-	161,00°	68,5mm
8 ✓	TP3	Lat 51° 38,84700' N	Lon 014° 04,85700' E	500ft	1.0NM	-	-	-	-	-	161,00°	125,0mm
9 ✓	SC4 (18,3%)	Lat 51° 38,98300' N	Lon 014° 08,29900' E	500ft	2.0NM	-	-	-	-	-	086,00°	19,5mm
10 ✓	TP4	Lat 51° 39,53500' N	Lon 014° 23,40000' E	500ft	1.0NM	-	-	-	-	-	086,00°	106,45mm
11 ✓	SC5 (24,2%) (≥90°)	Lat 51° 38,02000' N	Lon 014° 19,60600' E	500ft	2.0NM	-	-	-	-	-	237,00°	25,5mm
12 ✓	TP5	Lat 51° 33,39900' N	Lon 014° 08,07900' E	500ft	1.0NM	-	-	-	-	-	237,00°	105,2mm
13 ✓	FP	Lat 51° 30,35300' N	Lon 013° 58,48500' E	500ft	1.0NM	-	-	-	-	-	244,00°	62,4mm
14 ✓	LDG	Lat 51° 29,50580' N	Lon 013° 52,83610' E	300ft	0.02NM	254°	-	-	-	-	-	-

...

Flight Contest

Competition preparation - Route planning (9)



...

RESULT LEG LIST					
No.	Title	True Track (Coord.)	True Track map measure	Distance (Coord.)	Distance (Map)
1	T/O...SP	048,29°	-	4,10NM	- (-)
2	SP...SC1	088,80°	089,00°	10,74NM	10,69NM (99,0mm)
3	SC1...TP1	088,93°	089,00°	5,46NM	5,51NM (51,0mm)
Course change 130° (Procedure Turn)					
4	TP1...SC2	219,33°	219,00°	4,99NM	4,97NM (46,0mm)
5	SC2...TP2	219,18°	219,00°	12,45NM	12,47NM (115,5mm)
6	TP2...SC3	160,88°	161,00°	7,50NM	7,40NM (68,5mm)
7	SC3...TP3	160,96°	161,00°	6,12NM	6,10NM (56,5mm)
8	TP3...SC4	086,36°	086,00°	2,14NM	2,11NM (19,5mm)
9	SC4...TP4	086,63°	086,00°	9,38NM	9,39NM (86,95mm)
Course change 151° (Procedure Turn)					
10	TP4...SC5	237,24°	237,00°	2,80NM	2,75NM (25,5mm)
11	SC5...TP5	237,16°	237,00°	8,52NM	8,61NM (79,7mm)
12	TP5...FP	242,96°	244,00°	6,70NM	6,74NM (62,4mm)
13	FP...LDG	256,45°	-	3,62NM	- (-)
Total distance 84,46NM					

TEST LEG LIST					
No.	Title	True Track (Coord.)	True Track map measure	Distance (Coord.)	Distance (Map)
1	SP...TP1	088,80°	089,00°	16,20NM	16,20NM (150,0mm)
Course change 130° (Procedure Turn)					
2	TP1...TP2	219,33°	219,00°	17,44NM	17,44NM (161,5mm)
3	TP2...TP3	160,88°	161,00°	13,62NM	13,50NM (125,0mm)
4	TP3...TP4	086,36°	086,00°	11,52NM	11,50NM (106,45mm)
Course change 151° (Procedure Turn)					
5	TP4...TP5	237,24°	237,00°	11,32NM	11,36NM (105,2mm)
6	TP5...FP	242,96°	244,00°	6,70NM	6,74NM (62,4mm)
Total distance 76,74NM					

Use 'Google/OSM map' to verify that all check points show exactly the desired position.

Check the legs to be evaluated to verify that the distances between the check points and the total distance match and that all procedure turns exist / no procedure turn exists.

Use 'GPX export' to deliver route to the scoring judge for his/her use with 'Routes -> Import FC route'.



Determine number and contents of tasks:

- Planning test (calculation test) -> 'Help -> Planungstest und Flugzeugvorbereitung'
- Navigation test (navigation flight)
- Observation test (photographs of turning points and en route, canvas targets)
- Landing test (number of landings (4 max.), sequence of landings in precision flying competitions)

Determine settings for each individual task:

- Starting time
- Time interval between takeoffs (2 minutes recommended, at least 3 minutes when procedure turns are involved)
- Procedure to calculate flight time TO -> SP
- Procedure to calculate flight time FP -> LDG (to determine latest landing time)
- Landing time -> parking the aircraft
- Flying one-minute procedure turns, if any (yes/no)
- Procedure to calculate flight time iFP -> iLDG (in case of touch-and-go landings)
- Procedure to calculate flight time iTO -> iSP (in case of touch-and-go landings)

Determine evaluation settings for the competition:

- Determine turning points for time evaluation (all turning points/turning points to be evaluated)
- Determine secret check point time evaluation for each individual class

See also 'Help -> Standard-Wettbewerbsablauf'.



Flight time calculation procedure:

Standard:

wind+:3NM

Flight time will be calculated taking into account the distance between check points increased by 3 NM as well as the wind, and rounded up to the nearest minute.

Standard for TO -> SP and iTO -> iSP.

iFP -> iLDG: 2NM, FP -> LDG: 6NM.

These distances must be increased for larger traffic patterns and decreased for more direct tracks.

Other options:

time+:8min

Fixed flight time of 8 minutes, rounded up to the nearest whole minute. In precision flying competitions to be applied for TO -> SP and FP -> LDG.

wind:1

Flight time will be calculated to the second, taking into account the distance between check points and the wind.

wind+:1.3

Flight time will be calculated taking into account the distance between check points and the wind, multiplied by a factor of 1.3 and rounded up to the nearest whole minute.

nowind:2.5NM

Flight time will be calculated to the second, taking into account the distance between check points increased by 2.5 NM and no wind.

See also 'Help -> Flugzeit-Berechnung für Starts und Landungen'.



1. Create competition
2. Import route(s)
3. Import crews
4. Create task (time settings, evaluation details)
5. Task planning (planning test, time table)
6. Print task (time table, crew tasks and flight plans)

Flight Contest

Competition start - Create competition (1)



Contest -> New Contest

CREATE CONTEST

Title*:
German Navigation Flying Championship 2016

Print prefix:
gnav

Organizer*:
Deutscher Aero Club e.V.

☒ Contest with classes
☐ Own contest rule for each class

Contest rule*:
Germany Navigation Flying - Edition 2016

Map scale*:
200,000

Coordinate presentation:
☐ Degree Decimal
☒ Degree/Minutes Decimal
☐ Degree/Minutes/Seconds

Difference between locale time and UTC* [hh:mm]:
02:00

Number of crews for team evaluation*:
2

Number of tasks for best of task analysis*:
0

Create Cancel

->

Flight Contest

Competition start - Create competition (2)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Live Extras flightcontest.de
Settings Points Change Contest New Contest Delete Contest Copy Contest Demo Contest Print free text

"German Navigation Flying Championship 2016" created.

CONTEST DETAILS

Title:	German Navigation Flying Championship 2016
Print prefix:	gnav
Organizer:	Deutscher Aero Club e.V.
Contest with classes:	Yes
Own contest rule for each class:	No
Contest rule:	Germany Navigation Flying - Edition 2016
Map scale:	1:200,000
Coordinate presentation:	Degree/Minutes Decimal
Difference between locale time and UTC:	02:00h
Number of crews for team evaluation:	2
Number of tasks for best of task analysis:	0
Contest id:	eefcc14c-309c-4393-aa1b-c8dcf37a3187

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Routes -> Import FC route

IMPORT FC ROUTE
Select FC route file (.gpx).
 Route_1.gpx



German Navigation Flying Championship 2016

[Contest](#) [Routes](#) [Crews](#) [Teams](#) [Classes](#) [Aircraft](#) [Tasks](#) [Live](#) [Extras](#) [flightcontest.de](#)

[New Route](#) [Import FC route](#) [Import route](#) [Print routes](#)

FC route "Route_1.gpx" has been imported.

ROUTES				
Title	Distance T/O...LDG	Distance SP...FP	Planning Task List	Navigation Test List
Route 1	84,46NM	76,74NM		

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Flight Contest

Competition start - Import crews (1)



Crews -> Import Excel crew list

SELECT EXCEL CREW LIST FILE

FC-CrewList-DMNav.xls

☐ Leave out start no. 13



German Navigation Flying Championship 2016

Contest Routes **Crews** Teams Classes Aircraft Tasks Live Extras flightcontest.de

New Crew Import Excel crew list Print crews

"FC-CrewList-DMNav.xls" imported (4 new crews added).

Start No.	Name	Email	Team	Class	Aircraft	TAS
<input type="checkbox"/> 1	Jens Schulze		Deutschland	Wettbewerb	D-EEEE	95kn
<input type="checkbox"/> 2	Frank Meier		Schweiz	Wettbewerb	HB-EBM	90kn
<input type="checkbox"/> 3	Stephan Hecht, Erik Arnold		Deutschland	Einsteiger	D-EEEB	80kn
<input type="checkbox"/> 4	Friedrich Müller, Thomas Becker		Schweiz	Einsteiger	D-EEEC	80kn

Select all Calculate sequence Remove selected crews

Deselect all Move up Move down

Select action... Run

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Flight Contest

Competition start - Import crews (2)



EDIT CREW

Start No.*:

Name*:

Email (more separated with comma):

Team:

Class:

Aircraft

Registration:

TAS* [kn]:

☐ Disabled

☐ No team evaluation

☐ No contest evaluation

Crew id: acba46bf-2fb5-467c-b437-4a162f176ef9

Update

Delete

Cancel



Tasks -> New Task

CREATE TASK

Title:

First time (local time)* [hh:mm]:

Take-off interval between two aircraft* [min]:

Take-off interval by slower aircraft* [min]:

Take-off interval by faster aircraft* [min]:

->

Flight Contest

Competition start - Create task (2)



Duration of flight planning test* [min]:	<input type="text" value="60"/>
Duration of aircraft preparation* [min]:	<input type="text" value="15"/>
Flight time from take-off to start point*:	<input type="text" value="wind+:3NM"/>
Maximum duration from finish point to landing*:	<input type="text" value="wind+:6NM"/>
Duration of aircraft parking after landing* [min]:	<input type="text" value="5"/>
Flight time of procedure turn (0 = do not fly procedure turn)* [min]:	<input type="text" value="1"/>
Duration from intermediate finish point to intermediate landing*:	<input type="text" value="wind+:2NM"/>
Flight time to intermediate start point*:	<input type="text" value="wind+:3NM"/>
Minimum duration of aircraft maintenance between two flights (if used by second crew)* [min]:	<input type="text" value="30"/>

->

Flight Contest

Competition start - Create task (3)



Wettbewerb

- ☒ Planning Test
 - ☐ Distance measure at flight planning test
 - ☒ Direction measure at flight planning test
- ☒ Navigation Test
 - ☒ Time check of secret coordinates
 - ☒ Check take-off time automatically by logger data
 - ☒ Check latest landing time automatically by logger data
- ☒ Observation Test
- ☒ Landing Test
 - ☒ Landing 1
 - ☒ Landing 2
 - ☐ Landing 3
 - ☐ Landing 4
- ☐ Other Test

->

Flight Contest

Competition start - Create task (4)



Landing 1:

Landing 2:

Landing 3:

Landing 4:

☐ Analyse best of task

Add/Subtract value of first time* [min]:



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft **Tasks** Planning Results Evaluation Live Extras flightcontest.de

New Task

"May 26th, 2016" created.

TASKS				
Task	Planning Test	Navigation Test	Planning	Results
May 26th, 2016 (Settings)	<input type="button" value="[Add Planning Test]"/>	<input type="button" value="[Add Navigation Test]"/>		

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Flight Contest

Competition start - Create task (5)



CREATE PLANNING TEST

Title:

Planning Task

Title:

Route*:

Route 1

Wind

Direction* [°]:

270

Speed* [kn]:

14

Create Cancel

CREATE NAVIGATION TEST

Title:

Route*:

Route 1

Wind

Direction* [°]:

130

Speed* [kn]:

8

Runway

Direction T/O [°]:

90

Direction LDG [°]:

90

Direction IT/O, iLDG [°]:

0

Create Cancel

Flight Contest

Competition start - Task planning (1) - Assign flight planning task (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de
May 26th, 2016 Show 10 crews

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)

Planning Test-1 (1 Planning Task List)

Overview Timetable

Jury Timetable

May 26th, 2016 (Results)

Navigation Test-1 (1 Enroute Wind List)

Crew Timetable

CREWS					DATA OF TASK		TIMETABLE (EDITION 1*)				
	Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1	Jens Schulze	D-EEEA (95kn)	Deutschland	Wettbewerb	Not assigned	Not assigned	Not calculated				
<input type="checkbox"/> 2	Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Not assigned	Not assigned	Not calculated				
<input type="checkbox"/> 3	Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Not assigned	Not assigned	Not calculated				
<input type="checkbox"/> 4	Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Not assigned	Not assigned	Not calculated				
<input type="button" value="Select all"/>		<input type="button" value="Move up"/>	<input type="button" value="Move down"/>	<input type="button" value="Assign task"/>		<input type="button" value="Assign wind"/>	<input type="button" value="Calculate timetable"/>		<input type="button" value="Disable"/>		
<input type="button" value="Select to end"/>		<input type="button" value="Move to end"/>			<input type="button" value="Print tasks"/>		<input type="button" value="Print flight plans"/>			<input type="button" value="Enable"/>	
<input type="button" value="Deselect all"/>		<input type="button" value="Reset sequence"/>					<input type="button" value="Time +"/>	<input type="button" value="Time -"/>	<input type="button" value="Export timetable"/>		

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->



SELECT PLANNING TASK

May 26th, 2016 (Planning)

Planning Test-1

Planning Task:

Planning Task-1.1 ▼

Assign to crew s:

1: Jens Schulze
2: Frank Meier
3: Stephan Hecht, Erik Arnold
4: Friedrich Müller, Thomas Becker

If planning task changed, tests will be recalculated and entered results will be removed.

Assign

Cancel

->

Flight Contest

Competition start - Task planning (3) - Assign enroute wind (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de
May 26th, 2016 Show 10 crews

[Planning Task Planning Task-1.1 assigned.](#)

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)				Planning Test-1 (1 Planning Task List)		Overview Timetable		Jury Timetable		
May 26th, 2016 (Results)				Navigation Test-1 (1 Enroute Wind List)		Crew Timetable				
CREWS				DATA OF TASK		TIMETABLE (EDITION 1*)				
Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1 Jens Schulze	D-EEEE (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	Not assigned	Not calculated				
<input type="checkbox"/> 2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	Not assigned	Not calculated				
<input type="checkbox"/> 3 Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	Not assigned	Not calculated				
<input type="checkbox"/> 4 Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	Not assigned	Not calculated				
<input type="button" value="Select all"/>	<input type="button" value="Move up"/>	<input type="button" value="Move down"/>		<input type="button" value="Assign task"/>	<input type="button" value="Assign wind"/>	<input type="button" value="Calculate timetable"/>		<input type="button" value="Disable"/>		
<input type="button" value="Select to end"/>	<input type="button" value="Move to end"/>			<input type="button" value="Print tasks"/>		<input type="button" value="Print flight plans"/>		<input type="button" value="Enable"/>		
<input type="button" value="Deselect all"/>	<input type="button" value="Reset sequence"/>					<input type="button" value="Time +"/>	<input type="button" value="Time -"/>	<input type="button" value="Export timetable"/>		

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->



SELECT ENROUTE WIND

May 26th, 2016 (Planning)

Navigation Test-1

Enroute Wind:

130° 8,00kn (1) ▾

Assign to crews:

1: Jens Schulze
2: Frank Meier
3: Stephan Hecht, Erik Arnold
4: Friedrich Müller, Thomas Becker

If enroute wind changed, time table of selected crews will be recalculated without modification of their beginning (-> new time table version) and entered results will be removed.

Assign

Cancel

->

Flight Contest

Competition start - Task planning (5) - Change enroute wind (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation

Live Extras flightcontest.de

May 26th, 2016

Show 10 crews

Enroute wind 130° 8,00kn assigned.

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)

Planning Test-1 (1 Planning Task List)

Overview Timetable

Jury Timetable

May 26th, 2016 (Results)

Navigation Test-1 (1 Enroute Wind List)

Crew Timetable

CREWS

DATA OF TASK

TIMETABLE (EDITION 1*)

Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1 Jens Schulze	D-EEEA (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
<input type="checkbox"/> 2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
<input type="checkbox"/> 3 Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
<input type="checkbox"/> 4 Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
Select all	Move up	Move down		Assign task	Assign wind	Calculate timetable			Disable	
Select to end	Move to end			Print tasks		Print flight plans			Enable	
Deselect all	Reset sequence					Time +	Time -		Export timetable	

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->



NAVIGATION TEST DETAILS

Title:	Navigation Test-1
Route:	Route 1
Enroute Wind List:	130° 8,00kn (1)



CREATE ENROUTE WIND

Wind

Direction* [*]:

Speed* [kn]:

Runway

Direction T/O [*]:

Direction LDG [*]:





German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results Evaluation

"170° 12,00kn (2)" created.

NAVIGATION TEST DETAILS

Title:	Navigation Test-1
Route:	Route 1
Enroute Wind List:	130° 8,00kn (1) 170° 12,00kn (2)

Edit Add Enroute Wind **Cancel**

->

Flight Contest

Competition start - Task planning (8) - Calculate time table



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de
May 26th, 2016 Show 10 crews

Enroute wind 170° 12,00kn assigned.

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)		Planning Test-1 (1 Planning Task List)				Overview Timetable		Jury Timetable			
May 26th, 2016 (Results)		Navigation Test-1 (2 Enroute Wind List)				Crew Timetable					
CREWS					DATA OF TASK		TIMETABLE (EDITION 1*)				
Crew		Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1	Jens Schulze	D-EEEE (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
<input type="checkbox"/> 2	Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
<input type="checkbox"/> 3	Stephan Hecht, Erik Arnold	D-EEEE (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	Not calculated				
<input type="checkbox"/> 4	Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	Not calculated				
<div>Select all</div>		<div>Move up</div>	<div>Move down</div>		<div>Assign task</div>	<div>Assign wind</div>	<div>Calculate timetable</div>			<div>Disable</div>	
<div>Select to end</div>		<div>Move to end</div>			<div>Print tasks</div>		<div>Print flight plans</div>			<div>Enable</div>	
<div>Deselect all</div>		<div>Reset sequence</div>					<div>Time +</div>	<div>Time -</div>		<div>Export timetable</div>	

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Flight Contest

Competition start - Print task (1) - Flight planning test (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de
May 26th, 2016 Show 10 crews

Timetable has been new calculated for 4 crews.

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)		Planning Test-1 (1 Planning Task List)				Overview Timetable		Jury Timetable			
May 26th, 2016 (Results)		Navigation Test-1 (2 Enroute Wind List)				Crew Timetable					
CREWS					DATA OF TASK		TIMETABLE (EDITION 1*)				
	Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/>	1 Jens Schulze	D-EEEA (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:15	11:30	12:33:00	12:38:00	...
<input type="checkbox"/>	2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:18	11:33	12:40:00	12:45:00	...
<input type="checkbox"/>	3 Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:21	11:36	12:53:00	12:58:00	...
<input type="checkbox"/>	4 Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:24	11:39	12:56:00	13:01:00	...
<input type="button" value="Select all"/>		<input type="button" value="Move up"/> <input type="button" value="Move down"/>		<input type="button" value="Assign task"/>		<input type="button" value="Assign wind"/>	<input type="button" value="Calculate timetable"/>		<input type="button" value="Disable"/>		
<input type="button" value="Select to end"/>		<input type="button" value="Move to end"/>		<input type="button" value="Print tasks"/>		<input type="button" value="Print flight plans"/>		<input type="button" value="Enable"/>			
<input type="button" value="Deselect all"/>		<input type="button" value="Reset sequence"/>				<input type="button" value="Time +"/> <input type="button" value="Time -"/>		<input type="button" value="Export timetable"/>			

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German Navigation Flying Championship 2016

Planning 1

May 26th, 2016

Crew: Jens Schulze
Team: Deutschland
Class: Wettbewerb

Registration: D-EEEE
A/C Type: C172
TAS: 95kn

Wind: 270° 14,00kn

Point	Distance	True Track	True Heading*	Ground Speed	Flight time*
	[NM]	[°]	[°]	[kn]	[mm:ss]
SP	-	-	-	-	-
TP1	16,20				
TP2	17,44				
TP3	13,50				
TP4	11,50				
TP5	11,36				
FP	6,74				

Calculate legs to all listed points.

- Do not calculate this leg.

* Column for evaluation.

Flight Contest

Competition start - Print task (3) - Flight plans (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation Live Extras flightcontest.de

May 26th, 2016 Show 10 crews

Timetable has been new calculated for 4 crews.

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)				Planning Test-1 (1 Planning Task List)		Overview Timetable		Jury Timetable		
May 26th, 2016 (Results)				Navigation Test-1 (2 Enroute Wind List)		Crew Timetable				
CREWS				DATA OF TASK		TIMETABLE (EDITION 1*)				
Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/> 1 Jens Schulze	D-EEEE (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:15	11:30	12:33:00	12:38:00	...
<input type="checkbox"/> 2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:18	11:33	12:40:00	12:45:00	...
<input type="checkbox"/> 3 Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:21	11:36	12:53:00	12:58:00	...
<input type="checkbox"/> 4 Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:24	11:39	12:56:00	13:01:00	...
<div>Select all</div>	<div>Move up</div>	<div>Move down</div>		<div>Assign task</div>	<div>Assign wind</div>	<div>Calculate timetable</div>			<div>Disable</div>	
<div>Select to end</div>	<div>Move to end</div>			<div>Print tasks</div>		<div>Print flight plans</div>			<div>Enable</div>	
<div>Deselect all</div>	<div>Reset sequence</div>					<div>Time +</div>	<div>Time -</div>		<div>Export timetable</div>	

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German Navigation Flying Championship 2016

Flight Plan 1

May 26th, 2016 (Timetable edition 1)

Crew:	Jens Schulze	Registration:	D-EEEE
Team:	Deutschland	A/C Type:	C172
Class:	Wettbewerb	TAS:	95kn

Wind: 130° 8,00kn

Planning: 10:15 - 11:15

No.	Distance	True Track	True Heading	Ground Speed	Flight time	Point	Local time
						T/O	11:30:00
					00:04:00h	SP	11:34:00
1	16,20NM	089°	092°	88,8kn	00:10:56h	TP1	11:44:56
Procedure Turn (1min)							
2	17,44NM	219°	214°	94,5kn	00:11:04h	TP2	11:57:00
3	13,50NM	161°	159°	88,1kn	00:09:12h	TP3	12:06:12
4	11,50NM	086°	089°	89,1kn	00:07:44h	TP4	12:13:56
Procedure Turn (1min)							
5	11,36NM	237°	232°	97,0kn	00:07:01h	TP5	12:21:57
6	6,74NM	244°	240°	98,0kn	00:04:08h	FP	12:26:05
					00:05:55h	LDG	12:32:00
	76,74NM Distance SP...FP				01:02:00h Total flight time (T/O...LDG)		

LDG Latest landing time

Flight Contest

Competition start - Print task (5) - Time tables (1)



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks **Planning** Results Evaluation

Live Extras flightcontest.de

May 26th, 2016

Show 10 crews

Timetable has been new calculated for 4 crews.

PLANNING - MAY 26TH, 2016

May 26th, 2016 (Settings)

Planning Test-1 (1 Planning Task List)

Overview Timetable

Jury Timetable

May 26th, 2016 (Results)

Navigation Test-1 (2 Enroute Wind List)

Crew Timetable

CREWS					DATA OF TASK		TIMETABLE (EDMON 1*)				
	Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
<input type="checkbox"/>	1 Jens Schulze	D-EEEE (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:15	11:30	12:33:00	12:38:00	...
<input type="checkbox"/>	2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	10:18	11:33	12:40:00	12:45:00	...
<input type="checkbox"/>	3 Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:21	11:36	12:53:00	12:58:00	...
<input type="checkbox"/>	4 Friedrich Müller, Thomas Becker	D-EEEC (80kn)	Schweiz	Einsteiger	Planning Task-1.1 ...	170° 12,00kn (2)	10:24	11:39	12:56:00	13:01:00	...
Select all		Move up	Move down	Assign task		Assign wind	Calculate timetable		Disable		
Select to end		Move to end		Print tasks		Print flight plans		Enable			
Deselect all		Reset sequence					Time +	Time -	Export timetable		

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OVERVIEW TIMETABLE - MAY 26TH, 2016 (EDITION 1)

Briefing time [hh:mm]:
09:30

Planning Test:	10:15 - 11:24
Take-off:	11:30 - 11:39
Take-off interval:	3 min
Landings:	12:32 - 12:56
.	
Total flight time (T/O...LDG):	80kn - 01:17h T/O -> SP: 5:00min
	90kn - 01:07h T/O -> SP: 5:00min
	95kn - 01:02h T/O -> SP: 4:00min

☒ Total flight time (T/O...LDG)

☐ Print landscape

☐ Print on A3 paper

Save **Print** Cancel

->

Save modified options before print.



German Navigation Flying Championship 2016

Overview Timetable

May 26th, 2016 (Edition 1)

Briefing:	09:30
Planning Test:	10:15 - 11:24
Take-off:	11:30 - 11:39
Take-off interval:	3 min
Landings:	12:32 - 12:56
Total flight time (T/O...LDG):	80kn 01:17h
	90kn 01:07h
	95kn 01:02h



CREW TIMETABLE - MAY 26TH, 2016 (EDITION 1)

Print subtitle:

☒ No.
☒ Crew
☒ Aircraft
☒ TAS
☐ Team
☐ Class
☒ Class (short)
☒ Planning
☒ Take-off
☒ Edition
☐ Total flight time (T/O...LDG)

Standard None All

Changes:

Remove changes Add changes

☐ Print landscape
☐ Print on A3 paper

Save Print Cancel

->

Save modified options before print.



German Navigation Flying Championship 2016

Timetable

May 26th, 2016 (Edition 1)

No.	Crew	Aircraft	TAS	Cl.	Planning	Take-off	E
1	Jens Schulze	D-EEEA	95kn	W	10:15	11:30	1
2	Frank Meier	HB-EEM	90kn	W	10:18	11:33	1
3	Stephan Hecht, Erik Arnold	D-EEEB	80kn	E	10:21	11:36	1
4	Friedrich Müller, Thomas Becker	D-EEEC	80kn	E	10:24	11:39	1

E: Edition of last modified crew flight plan.



JURY TIMETABLE - MAY 26TH, 2016 (EDITION 1)

Print subtitle:

☒ No.
☒ Crew
☒ Aircraft
☒ A/C Type
☐ Colour
☐ TAS
☐ Team
☐ Class
☒ Class (short)
☒ Planning
☒ End planning
☒ Take-off

Save modified options before print.

☐ FP
☒ Latest landing time
☒ Parking
☒ Empty column 1
☐ Empty column 2
☐ Empty column 3
☐ Empty column 4

☒ Print landscape
☐ Print on A3 paper

Select option default for specific judges.

Standard Settings for tower Settings for flight planning Settings for take-off Settings for landing Settings for parking None All

Save Print Cancel

->



German Navigation Flying Championship 2016

Jury Timetable - Tower

May 26th, 2016 (Edition 1)

No.	Aircraft	A/C Type	Take-off	Latest landing time		
1	D-EEEA	C172	11:30	12:32		
2	HB-EEM	C182	11:33	12:40		
3	D-EEEB	C152	11:36	12:53		
4	D-EEEC	C172	11:39	12:56		



1. Input flight planning results
2. Logger evaluation
3. Input observation results
4. Input landing results
5. Response to modifications

Flight Contest

Competition execution - Input start



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning **Results** Evaluation

Live Extras flightcontest.de

May 26th, 2016

Show 10 crews

RESULTS - MAY 26TH, 2016 [PROVISIONAL]

May 26th, 2016 (Settings)

Disable check points

May 26th, 2016 (Planning)

CREWS				RESULTS						
Crew	Aircraft	Team	Class	Flight planning	Navigation flight	Observations	Landing	All	Summary	Position
1 Jens Schulze	D-EEEE (95kn)	Deutschland	Wettbewerb	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	...	0 Points [provisional]	n/a
2 Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	...	0 Points [provisional]	n/a
3 Stephan Hecht, Erik Arnold	D-EEEE (80kn)	Deutschland	Einsteiger	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	...	0 Points [provisional]	n/a
4 Friedrich Müller, Thomas Becker	D-EEEE (80kn)	Schweiz	Einsteiger	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	0 [provisional]	0 Points [provisional]	n/a
				Print all crew results	Calculate positions	Print task result				

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Flight Contest

Competition execution - Input flight planning results (1)



1 - D-EEEA - MAY 26TH, 2016 - PLANNING RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew:	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEA
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	270° 14,00kn

PLANNING LEG LIST WITH GIVEN VALUES AND ESTIMATION

No.	Title		Distance	True Track	True Heading	Ground Speed	Flight time
1 ...	TP1	Plan value	16,20NM	089°	089°	109,00kn	00:08:55h
		Given value			?		?
		Penalty			?		?
2 ...	TP2	Plan value	17,44NM	219°	226°	85,56kn	00:12:14h
		Given value			?		?
		Penalty			?		?
3 ...	TP3	Plan value	13,50NM	161°	169°	98,63kn	00:08:13h
		Given value			?		?
		Penalty			?		?
4 ...	TP4	Plan value	11,50NM	086°	085°	108,96kn	00:06:20h
		Given value			?		?
		Penalty			?		?
5 ...	TP5	Plan value	11,36NM	237°	242°	82,95kn	00:08:13h
		Given value			?		?
		Penalty			?		?
6 ...	FP	Plan value	6,74NM	244°	248°	82,22kn	00:04:55h
		Given value			?		?
		Penalty			?		?
	Summary				0 Points		0 Points

☐ Plan too late
☐ Exit room too late

Other penalties* [Points]:
0

Leg penalties: 0 Points
Total penalties : 0 Points

Next result Print Cancel

->



EDIT PLANNING GIVEN VALUE 1

Planning Given Value from:	1: Jens Schulze (May 26th, 2016)
Title:	TP1

Plan value

True Heading:	089°
Flight time:	00:08:55h

Given value

True Heading* [°]:

89

Flight time* [hh:mm:ss]:

8.59

Save and next point Save and End Reset values Cancel

->

Use the tab key to move from field to field.

Use the point instead of the colon for flight time entry.

Flight Contest

Competition execution - Input flight planning results (3)



1 - D-EEEE - MAY 26TH, 2016 - PLANNING RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew :	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEE
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	270° 14,00kn

PLANNING LEG LIST WITH GIVEN VALUES AND ESTIMATION

No.	Title		Distance	True Track	True Heading	Ground Speed	Flight time
1 ✓	TP1	Plan value	16,20NM	089°	089°	109,00kn	00:08:55h
		Given value			089°		00:08:59h
		Penalty			0 Points		0 Points
2 ✓	TP2	Plan value	17,44NM	219°	226°	85,56kn	00:12:14h
		Given value			223°		00:12:35h
		Penalty			2 Points		16 Points
3 ✓	TP3	Plan value	13,50NM	161°	169°	98,63kn	00:08:13h
		Given value			168°		00:08:14h
		Penalty			0 Points		0 Points
4 ✓	TP4	Plan value	11,50NM	086°	085°	108,96kn	00:06:20h
		Given value			085°		00:06:21h
		Penalty			0 Points		0 Points
5 ✓	TP5	Plan value	11,36NM	237°	242°	82,95kn	00:08:13h
		Given value			242°		00:08:14h
		Penalty			0 Points		0 Points
6 ✓	FP	Plan value	6,74NM	244°	248°	82,22kn	00:04:55h
		Given value			248°		00:04:55h
		Penalty			0 Points		0 Points
	Summary				2 Points		16 Points

☐ Plan too late
☐ Exit room too late

Other penalties* [Points]:

0

Leg penalties: 18 Points

Total penalties : 18 Points

Next result **Ready and next result** Result ready Save Print Cancel

Flight Contest

Competition execution - Logger evaluation (1)



1 - D-EEEE - MAY 26TH, 2016 - NAVIGATION FLIGHT RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew :	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEE
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	130° 8,00kn (1)

CHECK POINTS WITH MEASURED VALUES AND ESTIMATION

No.	Title		Overflying time	Bad courses	Altitude
1 ...	T/O	Plan value	11:30:00		180ft
		Measured value	?		
		Penalty	?		
2 ...	SP	Plan value	11:34:00		500ft
		Measured value	?		
		Penalty	?		
3 ...	SC1	Plan value	11:41:13	0	500ft
		Measured value	?	?	
		Penalty	?	?	
4 ...	TP1	Plan value	11:44:56	0	500ft
		Measured value	?	?	
		Penalty	?	?	
5 ...	Procedure Turn	Measured value	?		
		Penalty	?		

->



12 ...	Procedure Turn	Measured value	?		
		Penalty	?		
13 ...	SC5	Plan value	12:16:38	0	500ft
		Measured value	?	?	
		Penalty	?	?	
14 ...	TP5	Plan value	12:21:57	0	500ft
		Measured value	?	?	
		Penalty	?	?	
15 ...	FP	Plan value	12:26:05	0	500ft
		Measured value	?	?	
		Penalty	?	?	
16 ...	LDG	Plan value	12:32:00		300ft
		Measured value	?		
		Penalty	?		
Summary			0 Points	0 Points	0 Points

☐ Bad course at start or landing

☐ Giving map and flight data too late

Other penalties* [Points]:

Check Point penalties: 0 Points

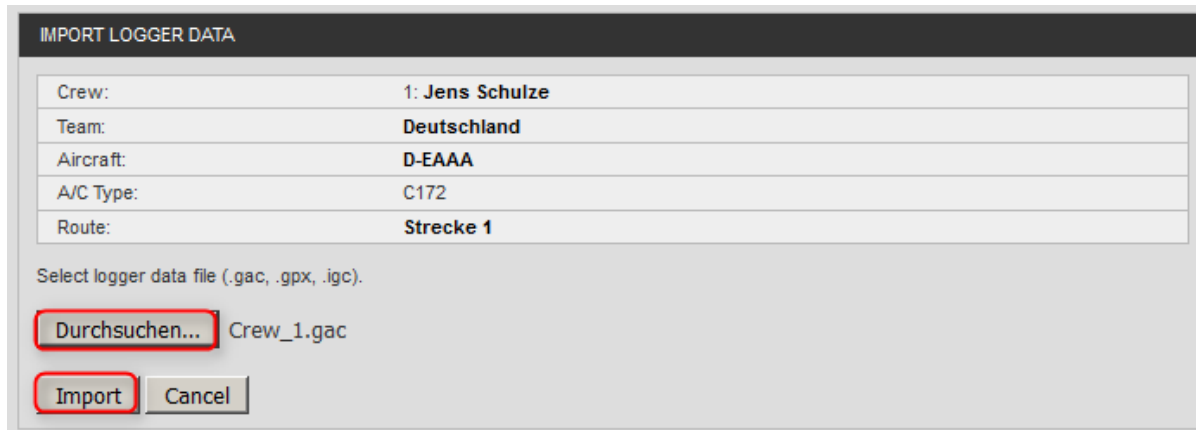
Total penalties : 0 Points

->



Import logger data (see 'Help -> Unterstützte Logger')

Save GAC, GPX or IGC data

The 'IMPORT LOGGER DATA' dialog box contains a table with flight details and a file selection section. The table lists Crew (1: Jens Schulze), Team (Deutschland), Aircraft (D-EAAA), A/C Type (C172), and Route (Strecke 1). Below the table, it prompts the user to 'Select logger data file (.gac, .gpx, .igc)'. A file named 'Crew_1.gac' is shown with a 'Durchsuchen...' button next to it. At the bottom, there are 'Import' and 'Cancel' buttons. The 'Durchsuchen...' and 'Import' buttons are highlighted with red rectangles.

IMPORT LOGGER DATA	
Crew:	1: Jens Schulze
Team:	Deutschland
Aircraft:	D-EAAA
A/C Type:	C172
Route:	Strecke 1

Select logger data file (.gac, .gpx, .igc).

Durchsuchen... Crew_1.gac

Import Cancel

->

Flight Contest

Competition execution - Logger evaluation (4)



1 - D-EEEE - MAY 26TH, 2016 - NAVIGATION FLIGHT RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew: **Jens Schulze**
 Team: **Deutschland**
 Class: **Wettbewerb**
 Registration: **D-EEEE**
 A/C Type: **C172**
 TAS: **95kn**
 Route: **Route 1**
 Wind: **130° 8,00kn (1)**

Flight Contest Wettbewerbs-Du...

CALCULATED POINTS

Title	Local time	Latitude	Longitude	Altitude	Gate missed	Procedure turn missed	Bad course
T/O	10:21:09	52.0361833333°	13.7371666667°	237ft	-	-	-
SP	10:29:03	52.0808000000°	13.8201666667°	1375ft	-	-	-
SC1	10:35:46	52.0882833333°	14.1113000000°	1409ft	-	-	-
TP1	10:38:56	52.0874833333°	14.2589833333°	1609ft	-	-	-
SC2	10:43:39	52.0215333333°	14.1757000000°	1399ft	-	-	-
TP2	10:52:55	51.8615833333°	13.9614666667°	1629ft	-	-	-
SC3	10:57:41	51.7446833333°	14.0302333333°	1496ft	-	-	-
TP3	11:01:24	51.6480500000°	14.0827666667°	1569ft	-	-	-
SC4	11:02:55	51.6518500000°	14.1378666667°	1707ft	-	-	-
TP4	11:08:23	51.6588000000°	14.3902500000°	1523ft	-	-	-
SC5	11:11:21	51.6329166667°	14.3275000000°	1387ft	-	-	-
TP5	11:18:17	51.5573666667°	14.1341666667°	1615ft	-	-	-
FP	11:23:37	51.5057166667°	13.9749833333°	1358ft	-	-	-
LDG	11:27:25	51.4918000000°	13.8805333333°	337ft	-	-	-

CHECK POINTS WITH MEASURED VALUES AND ESTIMATION

No.	Title	Overflying time	Bad courses	Altitude
1 <input checked="" type="checkbox"/>	T/O	Plan value		180ft
		Measured value		237ft
		Penalty	200 Points	

->

Calculated Points: There will be overflying times for all gates in the event of a correct flight.

Flight Contest

Competition execution - Logger evaluation (5)



		Measured value	Flow n		
12 ✓	Procedure Turn	Penalty	0 Points		
13 ✓	SC5	Plan value	12:16:38	0	500ft
		Measured value	11:11:21	0	1387ft
		Penalty	200 Points	0 Points	0 Points
14 ✓	TP5	Plan value	12:21:57	0	500ft
		Measured value	11:18:17	0	1615ft
		Penalty	200 Points	0 Points	0 Points
15 ✓	FP	Plan value	12:26:05	0	500ft
		Measured value	11:23:37	0	1358ft
		Penalty	200 Points	0 Points	0 Points
16 ✓	LDG	Plan value	12:32:00		300ft
		Measured value	11:27:25		337ft
		Penalty	0 Points		
	Summary		2600 Points	0 Points	0 Points

☐ Bad course at start or landing
☐ Giving map and flight data too late

Other penalties* [Points]:

0

Check Point penalties: 2600 Points

Total penalties : 2600 Points

Next result **Ready and next result** Result ready Save Recalculate No data Offline map Google/OSM map GPX export
 Print Print Measurement Cancel



Correcting settings for landing field measurement:

The below message appears when takeoff/landing direction or takeoff/landing gate have not been set correctly. Use 'Offline map' to view TO and LDG and go to 'Wind' to adjust direction and gate.

"Jens Schulze" has been imported (Flight not O.K.)

1 - D-EEEE - MAY 26TH, 2016 - NAVIGATION FLIGHT RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew:	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEE
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	130° 8,00kn (1)

T/O or LDG have not been found. Correct runway settings on "Wind" or recalculate with other start and end time.

CALCULATED POINTS

Title	Local time	Latitude	Longitude	Altitude	Gate missed	Procedure turn missed	Bad course
T/O	10:29:01	52.0361783333°	13.7372016667°	180ft	Yes (not found)	-	-
SP	10:29:03	52.0808000000°	13.8201666667°	1375ft	-	-	-
SC1	10:35:46	52.0882833333°	14.1113000000°	1409ft	-	-	-
TP1	10:38:56	52.0874833333°	14.2589833333°	1609ft	-	-	-
SC2	10:43:39	52.0215333333°	14.1757000000°	1399ft	-	-	-
TP2	10:52:55	51.8615833333°	13.9614666667°	1629ft	-	-	-
SC3	10:57:41	51.7446833333°	14.0302333333°	1496ft	-	-	-
TP3	11:01:24	51.6480500000°	14.0827666667°	1569ft	-	-	-
SC4	11:02:55	51.6518500000°	14.1378666667°	1707ft	-	-	-
TP4	11:08:23	51.6588000000°	14.3902500000°	1523ft	-	-	-
SC5	11:11:21	51.6329166667°	14.3275000000°	1387ft	-	-	-
TP5	11:18:17	51.5573666667°	14.1341666667°	1615ft	-	-	-
FP	11:23:37	51.5057166667°	13.9749833333°	1358ft	-	-	-
LDG	11:51:32	51.4917633333°	13.8806016667°	300ft	Yes (not found)	-	-

->



EDIT FLIGHT WIND

Navigation Test-1

Wind

130° 8,00kn

Runway

Direction T/O [°]:
270

Along offset T/O [NM]:
0

Orthogonal offset T/O [NM]:
0.1

Direction LDG [°]:
270

Along offset LDG [NM]:
0

Orthogonal offset LDG [NM]:
0

Update Cancel



Cancel Result ready Save Recalculate No data Offline map Google/OSM map GPX export Print Print Measurement



Direction:

Enter takeoff/landing direction specified

Longitudinal offset:

Gate displacement in flight direction
(-2.0 ... 2.0 NM)

- displacement to the back
- + displacement to the front

Lateral offset:

Gate displacement perpendicular to flight direction
(-1.0 ... 1.0 NM)

- displacement to the right
- + displacement to the left

Use 'Offline map, to check modifications and proceed with 'Recalculate'.



RECALCULATE

Crew:	1: Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Aircraft:	D-EEEE
A/C Type:	C172
Route:	Route 1

Start time (Local time):

10:08:35

End time (Local time):

11:51:32

Don't remove existing points:

☐

Recalculate logger data again

Import logger data

Cancel

Modify logger data range:

If logger recording starts too early, the start time used to calculate overflying times can be modified in the 'Start time (Local time)' field.

Import logger data anew:

If logger data are incomplete and data from a backup logger are available, these data can be imported using 'Import logger data'.



Correcting procedure turns and track deviations

CALCULATED POINTS							
Title	Local time	Latitude	Longitude	Altitude	Gate missed	Procedure turn missed	Bad course
T/O	10:35:34	52.4818300000°	14.0879916666°	295ft	-	-	-
SP	10:44:52	52.5024833333°	14.1429000000°	500ft	Yes (not found)	-	-
SC1	10:44:54	52.5273733334°	14.2289233334°	1488ft	Yes	-	-
TP1	10:47:18	52.4746550000°	14.3327666667°	1404ft	Yes	-	-
SC2	10:49:25	52.4499133333°	14.3217966667°	1525ft	Yes	-	-
TP2	10:53:38	52.3995833333°	14.1663083334°	993ft	-	-	-
SC3	10:58:04	52.3508533333°	14.2990466667°	1002ft	-	-	-
TP3	10:59:20	52.3369883333°	14.3526750000°	1097ft	-	-	-
SC4	11:02:59	52.2986000000°	14.2778316667°	969ft	-	-	-
-	11:09:15	52.2081116667°	14.1121266667°	1058ft	-	-	Yes (72s)
-	11:10:33	52.2266600000°	14.1048583333°	1007ft	-	-	No (3s)
-	11:10:37	52.2277533334°	14.1031750000°	1009ft	-	-	Yes (17s)
-	11:10:55	52.2327316667°	14.0959433333°	1044ft	-	-	No (3s)
TP4	11:11:27	52.2414716666°	14.0815150000°	1007ft	Yes (fly-by)	-	-
-	11:12:25	52.2555200000°	14.0509733333°	1017ft	-	Yes	-
SC5	11:13:28	52.2741000000°	14.0280300000°	907ft	-	-	-
TP5	11:17:10	52.3270033333°	13.9489500000°	679ft	-	-	-
SC6	11:19:49	52.3807316667°	14.0010683333°	1081ft	-	-	-
TP6	11:21:48	52.4313900001°	14.0396799999°	1166ft	-	-	-
-	11:21:57	52.4337666666°	14.0350750000°	1119ft	-	Yes	-
TP7	11:27:39	52.4826983334°	13.8495150000°	980ft	-	-	-
SC7	11:30:25	52.5106533333°	13.8947433333°	831ft	-	-	-
FP	11:33:15	52.4739883334°	13.9953966666°	1159ft	Yes	-	-
LDG	11:39:32	52.4817983334°	14.0915250000°	264ft	-	-	-

Procedure turns missed or track deviations erroneously identified as failure can be disabled here: - disable + reactivate

The color marking shows whether or not penalties will be given:

- Red: Failure, penalties will be given
- Violet: Failure disabled, no penalties
- Blue: Failure disabled by evaluation software, no penalties
- Grey: no automatic TO/LDG evaluation



1 - D-EEEE - MAY 26TH, 2016 - OBSERVATION RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew :	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEE
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	130° 8,00kn (1)

Turn point photos* [Points]:

Route photos* [Points]:

Ground targets* [Points]:

Total penalties : 0 Points

Use the tab key to move from field to field.

Flight Contest

Competition execution - Input landing results



1 - D-EEEE - MAY 26TH, 2016 - LANDING RESULTS (EDITION 1) [PROVISIONAL]

May 26th, 2016 (Results)

Crew :	Jens Schulze
Team:	Deutschland
Class:	Wettbewerb
Registration:	D-EEEE
A/C Type:	C172
TAS:	95kn
Route:	Route 1
Wind:	130° 8,00kn (1)

Landing 1

Landing Measure*:

A

☒ Landing ☐ No landing (NO) ☐ Landing outside the landing box (OUT) (0 Points)

☐ Rolling out of the landing box to the side ☐ Applying power after touchdown, within the landing box

☐ Go around without touching ground (without being forced) ☐ Go around instead of full stop

☐ Abnormal landing

Landing: 0 Points

Other penalties* [Points]:

0

Total penalties : 0 Points

Next result **Ready and next result** Result ready Save Print Cancel

Landing Measure: You may use small letters for entering the measuring results.
Enter 'no' if no landing has been observed.
Enter 'out' in case of landing outside the landing box.

Flight Contest

Competition execution - Input end



German Navigation Flying Championship 2016

Contest Routes Crews Teams Aircraft Tasks Planning **Results** Evaluation Live Extras flightcontest.de

May 26th, 2016 Show 10 crews

RESULTS - MAY 26TH, 2016

May 26th, 2016 (Settings) Disable check points

May 26th, 2016 (Planning)

CREWS			RESULTS							
	Crew	Aircraft	Team	Flight planning	Navigation flight	Observations	Landing	All	Summary	Position
3	Besatzung 3	D-EAAA (85kn)	Deutschland	0 ...	58 ...	20 ...	140 ...	...	218 Points	3
11	Besatzung 11	D-EAAB (70kn)	Schweiz	2 ...	252 ...	0 ...	130 ...	...	384 Points	4
13	Besatzung 13	D-EAAC (70kn)	Schweiz	0 ...	45 ...	20 ...	70 ...	...	135 Points	2
19	Besatzung 19	D-EAAE (80kn)	Deutschland	21 ...	337 ...	130 ...	80 ...	...	568 Points	5
18	Besatzung 18	D-EAAD (80kn)	Deutschland	0 ...	13 ...	10 ...	110 ...	...	133 Points	1

Print all crew results Calculate positions Print task result

Send email of all flight results

Flight Contest. Developed by Deutscher Präzisionsflug-Verein e.V.. Released under the GNU GENERAL PUBLIC LICENSE. Details see [here](#).



It is possible to respond to the following modifications:

- Crew cancels participation on short notice
-> Disable crew (time table remains unchanged)
- Crew cannot take off as planned
-> Put crew to the end of the takeoff sequence (a new flight plan will be prepared for the crew affected)
- Takeoffs are delayed
-> Modify start time for the crews affected (new flight plans will be prepared for the crews affected)
- Enroute wind changes during takeoff sequence
-> Assign new enroute wind to the crews still on the ground (new flight plans will be prepared for the crews still on the ground)
- Planning test shall be evaluated using wind data other than those originally given
-> Assign new planning task (with new wind data added) to the planning test and provide the new planning task to the crew involved (Planning)
- Crew must change to another aircraft due to technical malfunction
-> Assign new aircraft and, if necessary, new TAS to the crew involved (Use new aircraft and TAS for all new tasks. Previous aircraft and TAS will be used for tasks already completed.)

->



- A crew's TAS changes after planning tests and flight plans have already been calculated
-> Once a crew's TAS has been modified, mark the crew and move it down and up once (Planning). (Modified TAS will be incorporated in the task. Planning test will be recalculated immediately. Flight plan will be recalculated using 'Calculate timetable'. This could result in warnings involving aircraft coming next in the sequence. In case of need, move the crew to the end of the task.)
- Recalculate a task's time table
-> Execute 'Reset sequence' and 'Calculate timetable' consecutively
(Deletes all flight plans and resets crew sequence to the sequence given in the crew list. Start time for all crews and flight plans will be calculated anew.)

See also 'Help -> Änderungen bei Wettbewerbs-Durchführung'.



1. Disable check points
2. Evaluation by class
3. Mixed evaluation
4. Evaluation by team
5. Live scoring
6. E-mail to crews



German Navigation Flying Championship 2016

Contest Routes Crews Teams Aircraft Tasks Planning **Results** Evaluation Live Extras flightcontest.de

May 26th, 2016

Show 10 crews

RESULTS - MAY 26TH, 2016

May 26th, 2016 (Settings)

Disable check points

May 26th, 2016 (Planning)

CREWS				RESULTS						
	Crew	Aircraft	Team	Flight planning	Navigation flight	Observations	Landing	All	Summary	Position
3	Besatzung 3	D-EAAA (85kn)	Deutschland	0 ...	58 ...	20 ...	140 ...	...	218 Points	3
11	Besatzung 11	D-EAAB (70kn)	Schweiz	2 ...	252 ...	0 ...	130 ...	...	384 Points	4
13	Besatzung 13	D-EAAC (70kn)	Schweiz	0 ...	45 ...	20 ...	70 ...	...	135 Points	2
19	Besatzung 19	D-EAAE (80kn)	Deutschland	21 ...	337 ...	130 ...	80 ...	...	568 Points	5
18	Besatzung 18	D-EAAD (80kn)	Deutschland	0 ...	13 ...	10 ...	110 ...	...	133 Points	1

Print all crew results

Calculate positions

Print task result

Send email of all flight results

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->



DISABLE CHECK POINTS - MAY 26TH, 2016

Title	Check Point	Time check	Gate missed	Procedure turn	Bad course	Minimum altitude
SP		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
SC1		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
TP1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SC2		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
TP2		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
SC3		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
TP3		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
SC4		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
TP4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SC5		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
TP5		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
FP		<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Items such as check point time evaluation, passing a gate, procedure turns carried out correctly, deviation from track to the check point, and altitude evaluation can be disabled independently of each other.

Every modification will lead to recalculating the result.



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results **Evaluation** Live Extras flightcontest.de

Competition Beginner Contest Evaluation Team Evaluation

FINAL RESULTS - COMPETITION

Flight planning, Navigation flight

Position	Crew	Aircraft	Team	May 26th, 2016	Summary
1	Besatzung 13	D-EAAC	Schweiz	45 Points ...	45 Points
2	Besatzung 3	D-EAAA	Deutschland	58 Points ...	58 Points
3	Besatzung 19	D-EAAE	Deutschland	358 Points ...	358 Points

Class evaluation settings Calculate positions Print

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See also 'Help -> Auswertungen -> Klassen-Auswertung'.

->

Flight Contest

Competition evaluation - Evaluation by class (2)



CLASS EVALUATION SETTINGS

☒ May 26th, 2016

☒ All teams

☐ Deutschland

☐ Schweiz

☐ Polen

☒ Planning Results

☒ Navigation Flight Results

Print contest title:

Print subtitle:

☐ Print task title in page title

☒ Print aircraft

☒ Print team

☐ Print class

☐ Print class (short)

☒ Print task details of "May 26th, 2016"

☒ Print landing details

☐ Print task summary

☒ Print landscape

☐ Print on A3 paper

☐ Print [provisional]

☐ Print equal positions allowed

Update Cancel

->



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results **Evaluation** Live Extras flightcontest.de

Competition Beginner Contest Evaluation Team Evaluation

Positions have been calculated.

FINAL RESULTS - COMPETITION

Flight planning, Navigation flight

Position	Crew	Aircraft	Team	May 26th, 2016	Summary
1	Besatzung 13	D-EAAC	Schweiz	45 Points ...	45 Points
2	Besatzung 3	D-EAAA	Deutschland	58 Points ...	58 Points
3	Besatzung 19	D-EAAE	Deutschland	358 Points ...	358 Points

Class evaluation settings

Calculate positions

Print

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->



German Navigation Flying Championship 2016

Final Results Competition

Flight planning, Navigation flight

Pos.	Crew	Aircraft	Team	May 26th, 2016		Summary
				Plan.	Nav.	
1	Besatzung 13	D-EAAC	Schweiz	0	45	45
2	Besatzung 3	D-EAAA	Deutschland	0	58	58
3	Besatzung 19	D-EAAE	Deutschland	21	337	358



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results **Evaluation** Live Extras flightcontest.de

Competition Beginner **Contest Evaluation** Team Evaluation

FINAL RESULTS - GERMAN NAVIGATION FLYING CHAMPIONSHIP 2016

Flight planning, Navigation flight, Observations, Landing

Position	Crew	Class	Aircraft	Team	May 26th, 2016	Summary
Disabled	Besatzung 18	Beginner	D-EAAD	Deutschland	120 Points ...	120 Points
Disabled	Besatzung 11	Beginner	D-EAAB	Schweiz	130 Points ...	130 Points
1	Besatzung 13	Competition	D-EAAC	Schweiz	45 Points ...	45 Points
2	Besatzung 3	Competition	D-EAAA	Deutschland	58 Points ...	58 Points
3	Besatzung 19	Competition	D-EAAE	Deutschland	358 Points ...	358 Points

Contest evaluation settings Calculate positions Print Live Results View

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See also 'Help -> Auswertungen -> Wettbewerbs-Auswertung'
and 'Help -> Auswertungen -> Sonder-Auswertungen'.

->

Flight Contest

Competition evaluation - Mixed evaluation (2)



CONTEST EVALUATION SETTINGS

☒ Competition (Flight planning, Navigation flight)
☒ Beginner (Observations, Landing, Other)

☒ May 26th, 2016

☒ All teams

☐ Deutschland
☐ Schweiz
☐ Polen

☒ Planning Results
☒ Navigation Flight Results
☒ Observation Results
☒ Landing Results
☐ Other Results

Print contest title:
☒ German Navigation Flying Championship 2016
☐ Other title:

Print subtitle:

☐ Print task title in page title

☒ Print aircraft
☒ Print team
☒ Print class
☐ Print class (short)

☒ Print task details of "May 26th, 2016"
☒ Print landing details
☐ Print task summary

☒ Print landscape
☐ Print on A3 paper

☐ Print [provisional]
☐ Print equal positions allowed

Live results refresh* [s]:

☒ Show live results contest summary

Live results position calculation:
☒ Summary
☐ May 26th, 2016

->



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results **Evaluation** Live Extras flightcontest.de

Competition Beginner **Contest Evaluation** Team Evaluation

Positions have been calculated.

FINAL RESULTS - GERMAN NAVIGATION FLYING CHAMPIONSHIP 2016

Flight planning, Navigation flight, Observations, Landing

Position	Crew	Class	Aircraft	Team	May 26th, 2016	Summary
1	Besatzung 13	Competition	D-EAAC	Schweiz	45 Points ...	45 Points
2	Besatzung 3	Competition	D-EAAA	Deutschland	58 Points ...	58 Points
3	Besatzung 18	Beginner	D-EAAD	Deutschland	120 Points ...	120 Points
4	Besatzung 11	Beginner	D-EAAB	Schweiz	130 Points ...	130 Points
5	Besatzung 19	Competition	D-EAAE	Deutschland	358 Points ...	358 Points

Contest evaluation settings

Calculate positions

Print

Live Results View

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->



German Navigation Flying Championship 2016

Final Results

Flight planning, Navigation flight, Observations, Landing

Pos.	Crew	Aircraft	Team	Class	May 26th, 2016							Summary
					Plan.	Nav.	Obs.	Land1	Land2	Land3	Land4	
1	Besatzung 13	D-EAAC	Schweiz	Competition	0	45	-	-	-	-	-	45
2	Besatzung 3	D-EAAA	Deutschland	Competition	0	58	-	-	-	-	-	58
3	Besatzung 18	D-EAAD	Deutschland	Beginner	-	-	10	0	0	90	20	120
4	Besatzung 11	D-EAAB	Schweiz	Beginner	-	-	0	0	90	40	0	130
5	Besatzung 19	D-EAAE	Deutschland	Competition	21	337	-	-	-	-	-	358



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results **Evaluation** Live Extras flightcontest.de

Competition Beginner Contest Evaluation **Team Evaluation**

FINAL TEAM RESULTS - GERMAN NAVIGATION FLYING CHAMPIONSHIP 2016

Flight planning, Navigation flight, Observations, Landing

Position	Team	Crews	Summary
Disabled	Polen		-
n/a	Schweiz	Besatzung 11 (0) , Besatzung 13 (45)	0 Points
n/a	Deutschland	Besatzung 3 (0) , Besatzung 18 (120)	0 Points

Team evaluation settings Calculate positions Print

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See also 'Help -> Auswertungen -> Team-Auswertung'.

->



TEAM EVALUATION SETTINGS

☒ Competition (Flight planning, Navigation flight)
☒ Beginner (Observations, Landing, Other)

☒ May 26th, 2016

☒ Planning Results
☒ Navigation Flight Results
☒ Observation Results
☒ Landing Results
☐ Other Results

Print contest title:
☒ German Navigation Flying Championship 2016
☐ Other title:

Print subtitle:

Number of crews for team evaluation*:

☒ Print landscape
☐ Print on A3 paper

☐ Print [provisional]
☐ Print equal positions allowed

Update

Cancel

->



German Navigation Flying Championship 2016

Contest Routes Crews Teams Classes Aircraft Tasks Planning Results Evaluation Live Extras flightcontest.de

Competition Beginner Contest Evaluation Team Evaluation

Positions have been calculated.

FINAL TEAM RESULTS - GERMAN NAVIGATION FLYING CHAMPIONSHIP 2016

Flight planning, Navigation flight, Observations, Landing

Position	Team	Crews	Summary
Disabled	Polen		-
1	Schweiz	Besatzung 13 (45) , Besatzung 11 (130)	175 Points
2	Deutschland	Besatzung 3 (58) , Besatzung 18 (120)	178 Points

Team evaluation settings Calculate positions Print

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German Navigation Flying Championship 2016

Final Team Results

Flight planning, Navigation flight, Observations, Landing

Pos.	Team	Crews	Summary
1	Schweiz	Besatzung 13 (45) , Besatzung 11 (130)	175 Points
2	Deutschland	Besatzung 3 (58) , Besatzung 18 (120)	178 Points



Extras -> Settings

SETTINGS

Language*:

Printing language*:

Crew number show limit*:

Config (Changes work after restart of 'Flight Contest'):

```
flightcontest {  
  ftp {  
    host - "results.flightcontest.de" // FTP server address  
    port - 21 // FTP server port  
    username - "TODO" // FTP login name  
    password - "TODO" // FTP password  
    contesturl - "TODO" // Public url to competition folder on FTP server  
    // (ex. "http://results.flightcontest.de/demo")  
    testsourceurl - "http://localhost:8080/fc/licenses/README.txt" // source url  
  }  
  live {  
    ftpupload { // FTP upload of live results  
      workingdir - "/" // Folder on FTP server  
      name - "fclive.htm" // File name  
    }  
    copy { // Copy of live results  
      dest - "TODO" // Folder and file name  
      // ex. "C:/Live/fclive.htm" (local copy)  
      // "//Server/Share/fclive.htm" (share copy)  
      // Multiple copies allowed  
      // (dest1 - ...)  
      // (dest2 - ...)  
    }  
  }  
}
```

->

A configured FTP connection can be tested using 'Extras -> Test FTP'.



Evaluation -> Contest Evaluation -> Contest evaluation settings

CONTEST EVALUATION SETTINGS

☒ May 26th, 2016

☒ All teams

☐ Deutschland

☐ Schweiz

☒ Planning Results

☒ Navigation Flight Results

☒ Observation Results

☒ Landing Results

Print contest title:

☒ German Navigation Flying Championship 2016

☐ Other title:

Print subtitle:

☐ Print task title in page title

☒ Print aircraft

☒ Print team

☐ Print class

☐ Print class (short)

☒ Print task details of "May 26th, 2016"

☒ Print landing details

☒ Print task summary

☒ Print landscape

☐ Print on A3 paper

☐ Print [provisional]

☐ Print equal positions allowed

Live results refresh* [s]:

☐ Show live results contest summary

Live results position calculation:

☐ Summary

☒ May 26th, 2016

->



German Navigation Flying Championship 2016

Contest Routes Crews Teams Aircraft Tasks Planning Results Evaluation **Live** Extras flightcontest.de

LIVE SETTINGS

View Live results for contest:

☒ Off

☐ German Navigation Flying Championship 2016

☐ German Navigation Flying Championship 2016

☐ German Navigation Flying Championship 2016

☐ German Navigation Flying Championship 2016

Upload time* [s]:

60

Language*:

English

Public links:

file:///K:/Projects/EPJ/PJ11/_FTP/demo/fclive1.htm

K:/Projects/EPJ/PJ11/_FTP/live2/fclive2.htm

K:/Projects/EPJ/PJ11/_FTP/live3/fclive3.htm

X:/Projects/EPJ/PJ11/_FTP/live3/fclive3.htm

Save Calculate live results once Switch Live results On Upload Live stylesheet Remove Live results

->

Execute 'Upload Live stylesheet' and 'Remove live results' prior to the first live upload (use 'Public links' to check it) to create an empty live result.

Use 'Calculate live results once' to calculate a live result from all results completed and to upload it. Do not use automatic periodic live result calculation as it most often hampers result input through database locks.

See also 'Help -> Live-Ergebnisanzeige'.

Flight Contest

Competition evaluation - Live scoring (4)



German Navigation Flying Championship 2016

Live Results [provisional]

Position	Crew	Aircraft	Team	May 26th, 2016							
				Plan.	Nav.	Obs.	Land1	Land2	Land3	Land4	Sum.
1	Besatzung 18	D-EAAD	Deutschland	0	13	10	0	0	90	20	133
2	Besatzung 13	D-EAAC	Schweiz	0	45	20	50	0	0	20	135
3	Besatzung 3	D-EAAA	Deutschland	0	58	20	140	0	0	0	218
4	Besatzung 11	D-EAAB	Schweiz	2	252	0	0	90	40	0	384
5	Besatzung 19	D-EAAE	Deutschland	21	337	130	40	20	0	20	568

Deutscher Präzisionsflug-Verein e.V.



Extras -> Settings

SETTINGS

Language*:
English

Printing language*:
English

Crew number show limit*:
10

Config (Changes work after restart of 'Flight Contest'):

```
grails {
  mail {
    host - "TODO"          // SMTP server address (DNS name or IP address)
    port - 587             // SMTP server port (for client connections)
    username - "TODO"      // SMTP server login name
    password - "TODO"      // SMTP server password
  }
}
flightcontest {
  mail {
    from - "TODO"          // Sender email address (must be valid on SMTP server)
    cc - "TODO"            // Email address of evaluation judge
  }
  testmail {
    to - "TODO"            // Destination email address
    subject - "Flight Contest: Test email"
    body - "Flight Contest has been sent email successfully."
  }
  ftp {
    host - "results.flightcontest.de" // FTP server address
    port - 21                // FTP server port
    username - "TODO"        // FTP login name
    password - "TODO"        // FTP password
    contesturl - "TODO"      // Public url to competition folder on FTP server
                             // (ex. "http://results.flightcontest.de/demo")
    testsourceurl - "http://localhost:8080/fc/licenses/README.txt" // source url
  }
}
```

Update Cancel

->

Configured e-mail sending can be tested using 'Extras -> Test email' and 'Extras -> Test FTP'.



German Navigation Flying Championship 2016

[Contest](#) [Routes](#) [Crews](#) [Teams](#) [Aircraft](#) [Tasks](#) [Planning](#) **[Results](#)** [Evaluation](#) [Live](#) [Extras](#) [flightcontest.de](#)

May 26th, 2016 Show 10 crews

RESULTS - MAY 26TH, 2016

May 26th, 2016 (Settings)

May 26th, 2016 (Planning)

Disable check points

CREWS			RESULTS							
	Crew	Aircraft	Team	Flight planning	Navigation flight	Observations	Landing	All	Summary	Position
3	Besatzung 3	D-EAAA (85kn)	Deutschland	0 ...	58 ...	20 ...	140 ...	...	218 Points	3
11	Besatzung 11	D-EAAB (70kn)	Schweiz	2 ...	252 ...	0 ...	130 ...	...	384 Points	4
13	Besatzung 13	D-EAAC (70kn)	Schweiz	0 ...	45 ...	20 ...	70 ...	...	135 Points	2
19	Besatzung 19	D-EAAE (80kn)	Deutschland	21 ...	337 ...	130 ...	80 ...	...	568 Points	5
18	Besatzung 18	D-EAAD (80kn)	Deutschland	0 ...	13 ...	10 ...	110 ...	...	133 Points	1

Print all crew results

Calculate positions

Print task result

Send email of all flight results

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->

See also 'Help -> Installations-abhängige Konfiguration -> E-Mail-Versand konfigurieren' and 'Help -> Installations-abhängige Konfiguration -> FTP-Versand konfigurieren'.

Flight Contest

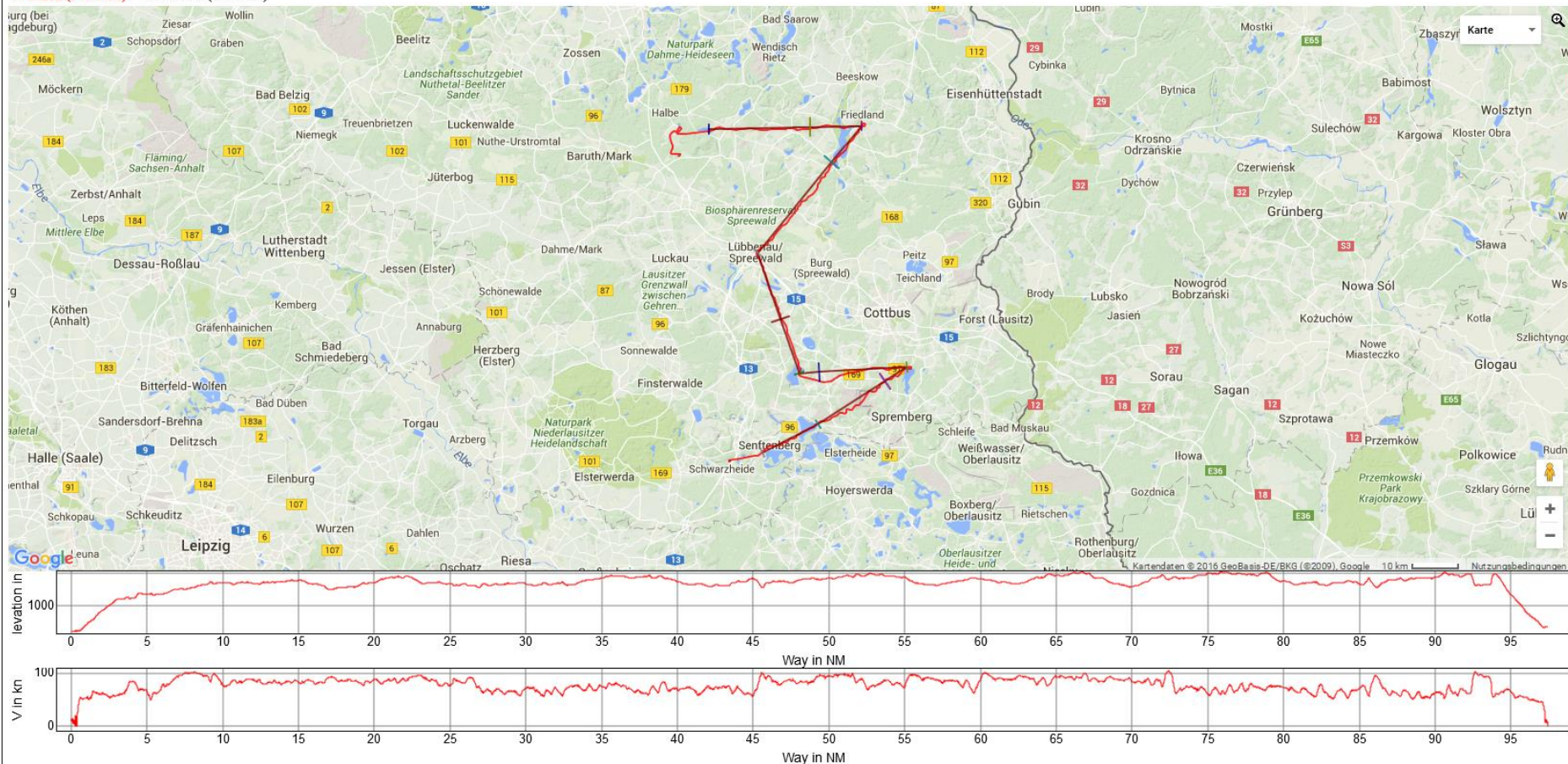
Competition evaluation - E-mail to crews (3)



German Navigation Flying Championship 2016: 11 - D-EAAB - May 26th, 2016 - Navigation Flight Results (Edition 1)

Overview T/O SP SC1 TP1 SC2 TP2 SC3 TP3 **SC4** TP4 SC5 TP5 FP LDG << >>

☒ Track (97.4NM) ☒ Routes (93.9NM)



Map view based on GPX Viewer by Juergen Berkemeier, flightcontest.de



We recommend that during a contest you save the following data:

- 'Flight Contest' database

- 'Flight Contest' prints

Data will be saved to the '[C:\FCSave](#)' folder created while installing 'Flight Contest'.

Data backups are primarily intended to protect users against failure or loss of the Windows computer used for contest evaluation. At the end of a competition day or at a particular point in time, copy the 'C:\FCSave' backup folder to an external storage medium, after you have saved all data as follows: 'All programs -> Flight Contest -> Scripts -> Save saved files'



'All programs -> Flight Contest -> Scripts -> Save contest database'

- Stop service 'Apache Tomcat FlightContest'
- Save database with date and time to folder C:\FCSave (<Date>-<Time>-fcdb.h2.db).
- Start service 'Apache Tomcat FlightContest'



Recommended Firefox settings:

General-> Save all data to the following folder: [C:\FCSave](#)

Application -> Adobe Acrobat Document: [Save file](#)

These settings ensure that all prints will be stored in the C:\FCSave backup folder.
PDF file print will be opened by the download manager.



- For database restore you have to stop service
'Apache Tomcat FlightContest,
('All programs -> Flight Contest -> Scripts -> Stop Flight Contest')
- Copy 'C:\FCSave\<Date>-<Time>-fcdb.h2.db',
to 'C:\Program Files (x86)\Flight Contest\fc\fcdb.h2.db'.
You need administrator privileges.
- Start 'Flight Contest'
('All programs -> Flight Contest -> Scripts -> Start Flight Contest')



Open source project "Flight Contest"

<http://flightcontest.de/>

Deutscher Präzisionsflug-Verein e.V.

<http://www.praeziflug.de/>