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/7iiyj608t3icgab/L3GRISYuvM

Download of 'Adobe Reader' setup:

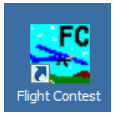
http://get.adobe.com/de/reader

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.

Flight Contest
Operating instructions - Browser main navigation

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. 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. 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 ",”.
- 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.

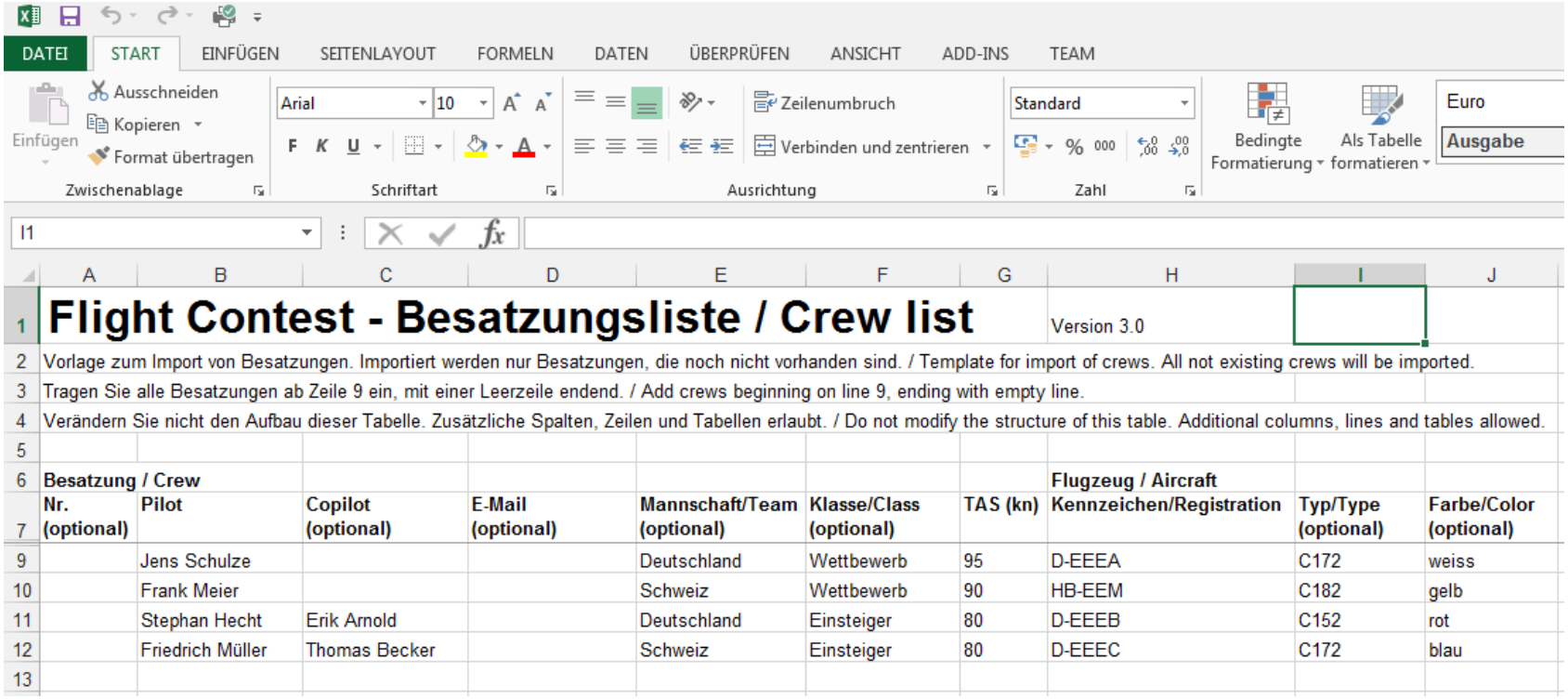
1. Crew list
   -> Prepare Excel table using 'Flight Contest' Excel sample

2. Route planning
   -> Make list of coordinates available in the 'Flight Contest' GPX format

3. Task planning
   -> Number, contents, settings and evaluation of tasks

Flight Contest
Competition preparation - Crew list

Use Excel Sample
(All programs -> Flight Contest -> Samples -> FC-CrewList-Sample.xls)



	A	B	C	D	E	F	G	H	I	J
1	**Flight Contest - Besatzungsliste / Crew list**							Version 3.0		
2	Vorlage zum Import von Besatzungen. Importiert werden nur Besatzungen, die noch nicht vorhanden sind. / Template for import of crews. All not existing crews will be imported.									
3	Tragen Sie alle Besatzungen ab Zeile 9 ein, mit einer Leerzeile endend. / Add crews beginning on line 9, ending with empty line.									
4	Verändern Sie nicht den Aufbau dieser Tabelle. Zusätzliche Spalten, Zeilen und Tabellen erlaubt. / Do not modify the structure of this table. Additional columns, lines and tables allowed.									
5										
6	**Besatzung / Crew**							**Flugzeug / Aircraft**		
7	**Nr. (optional)**	**Pilot**	**Copilot (optional)**	**E-Mail (optional)**	**Mannschaft/Team (optional)**	**Klasse/Class (optional)**	**TAS (kn)**	**Kennzeichen/Registration**	**Typ/Type (optional)**	**Farbe/Color (optional)**
9		Jens Schulze			Deutschland	Wettbewerb	95	D-EEEA	C172	weiss
10		Frank Meier			Schweiz	Wettbewerb	90	HB-EEM	C182	gelb
11		Stephan Hecht	Erik Arnold		Deutschland	Einsteiger	80	D-EEEB	C152	rot
12		Friedrich Müller	Thomas Becker		Schweiz	Einsteiger	80	D-EEEC	C172	blau
13										

Save sample to your contest folder and use it to enter data received from participants' registration.
See also 'Help -> Besatzungsliste erstellen'.

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 Point	Gate Width	Direction	in Flight Plan	Evaluation 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.

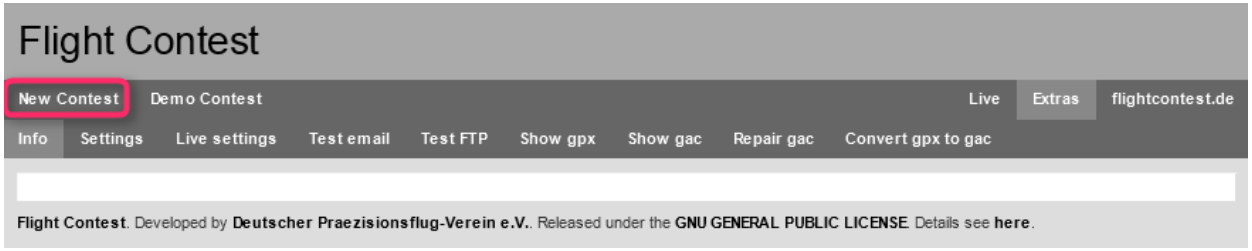
For TO, LDG and iLDG, enter a very narrow gate (<= 0.05NM), which must not be wider than the runway (without taxiways) to allow proper functioning of the automatic time measurement system.

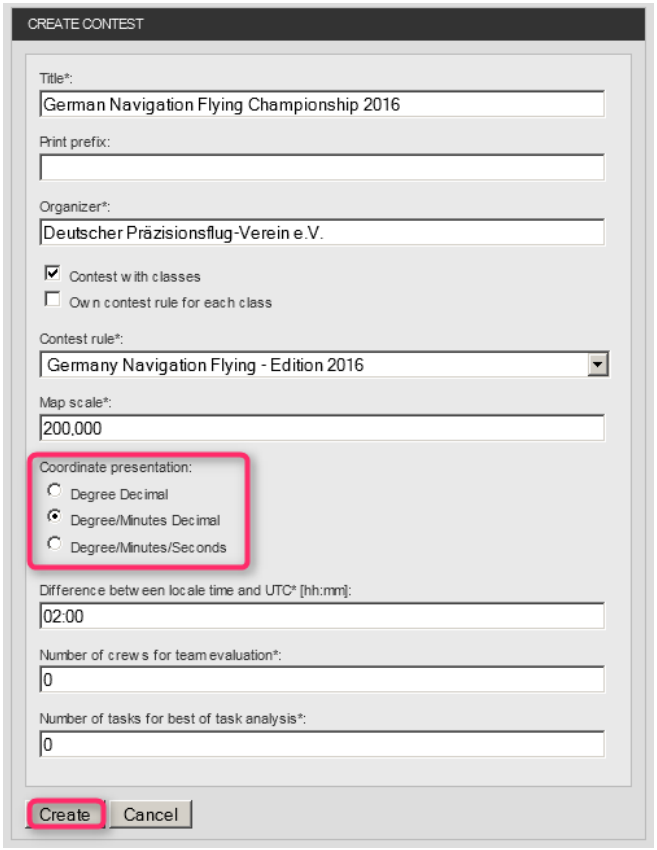
When routes for precision flying competitions are involved, all check points will be provided with an exact distance (taken from the map) to the previous turning point (distance measurement (map) [mm]). Secret check points (SC) must show a gate width of 1NM.

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

Flight Contest

Competition preparation - Route planning (3) - Input route (1)



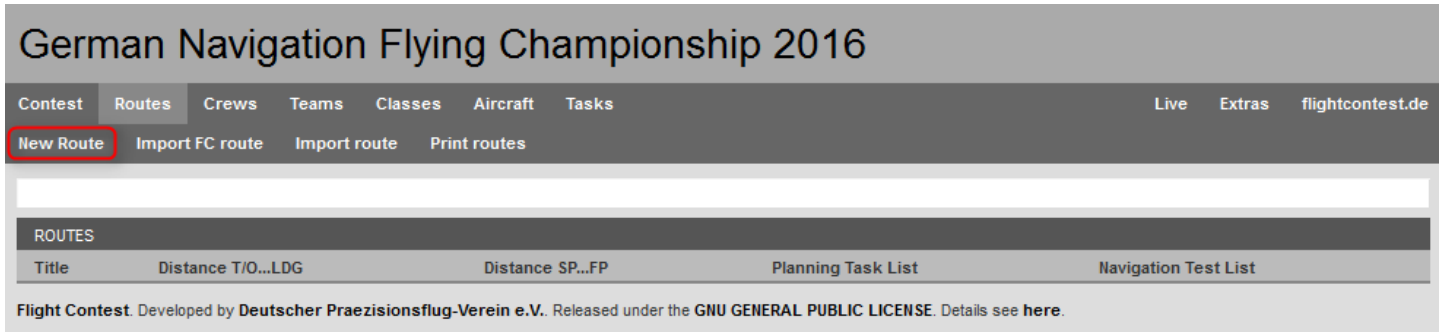


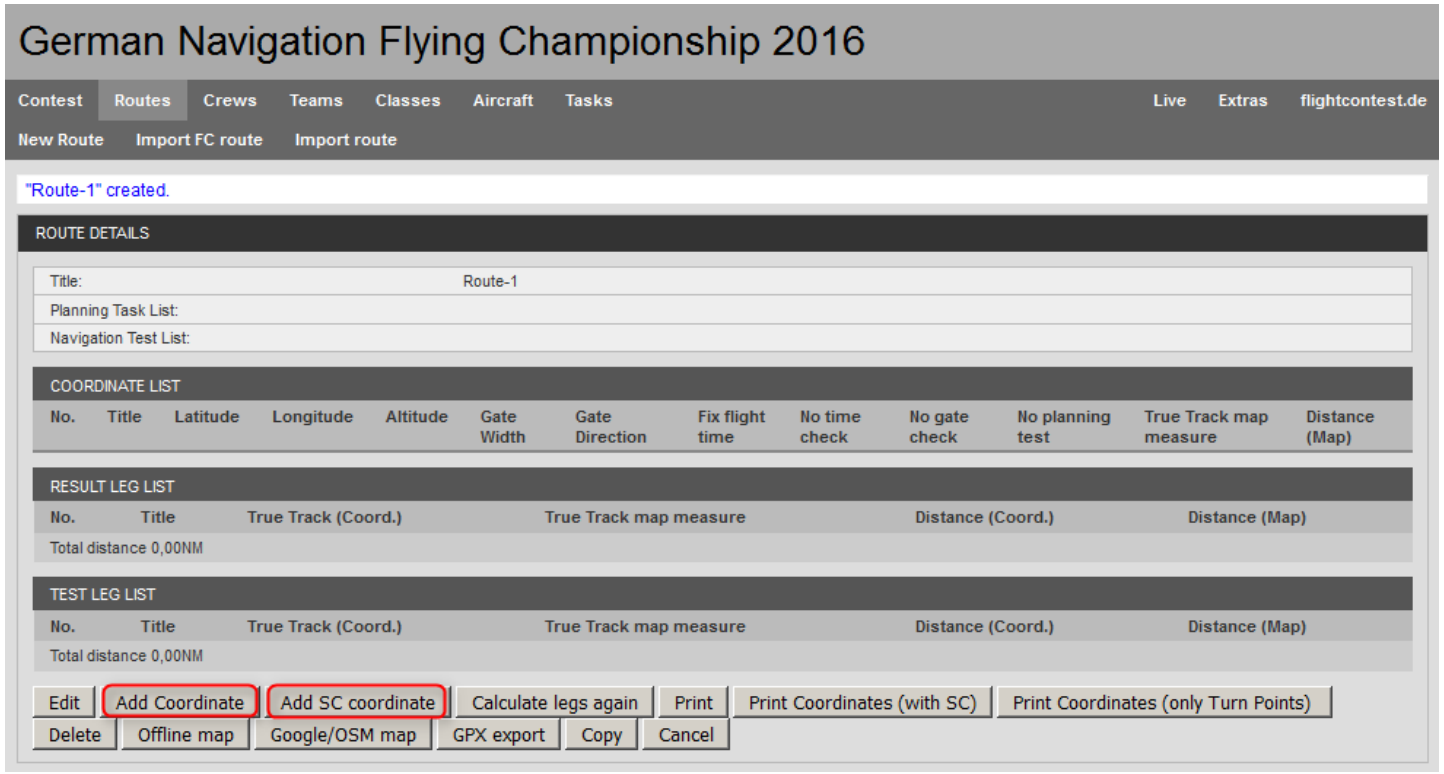
Select desired coordinate presentation.

->

Flight Contest

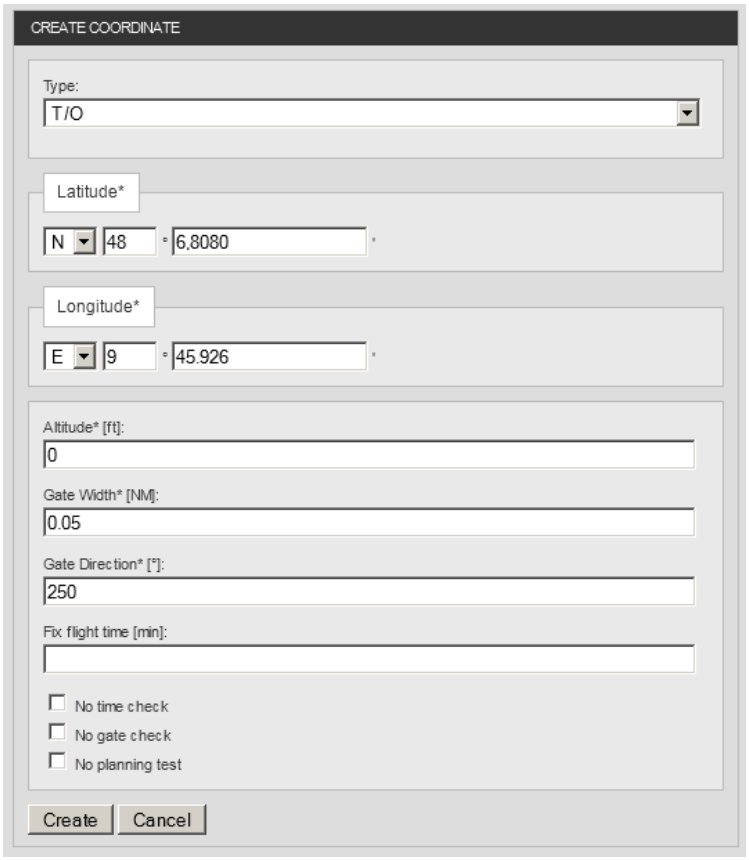
Competition preparation - Route planning (4) - Input route (2)





->

Flight Contest
Competition preparation - Route planning (5) - Input route (3)

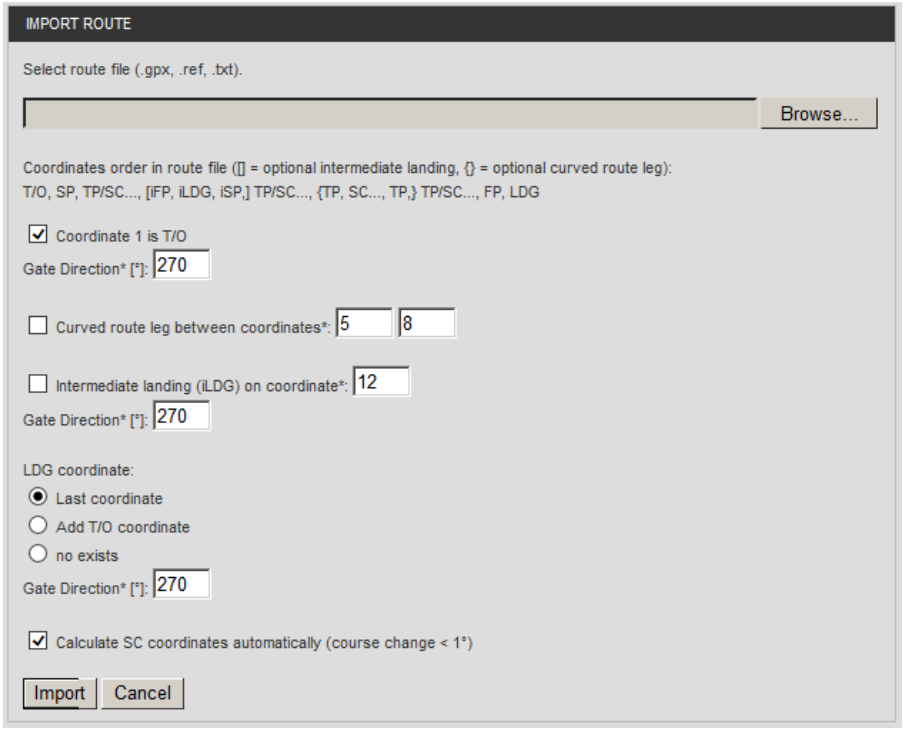


When entering routes in 'Flight Contest', please note that check points can only be entered consecutively. It is not possible to add check points later on.

Flight Contest
Competition preparation - Route planning (6) - Input route (4)

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

Flight Contest
Competition preparation - Route planning (7) - Import route



Supported formats:

GPX file created by third-party software (e.g. 'Flight Planner') .
- Must comprise exactly one route (<rte>...</ret>).
- 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					

Edit | Print | Print Coordinates (with SC) | Print Coordinates (only Turn Points) | Offline map | Google/OSM map | GPX export | Send email | Copy | Cancel

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:

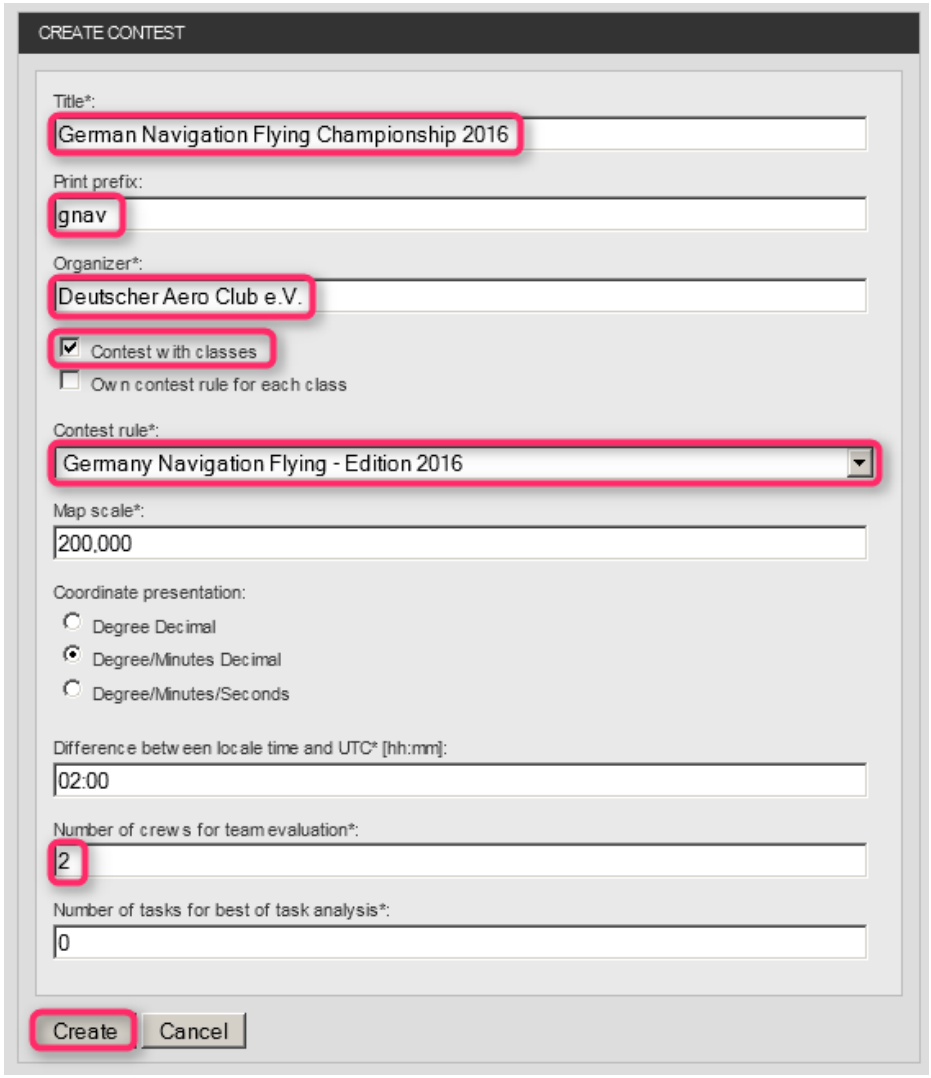
time+:8min	Fixed flight time of 8 minutes, rounded up to the nearest whole minute. In precision flying competitions to be applied for TO -> SP and FP -> LDG.
wind:1	Flight time will be calculated to the second, taking into account the distance between check points and the wind.
wind+:1.3	Flight time 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'.

Flight Contest
Competition start

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)

Contest -> New Contest



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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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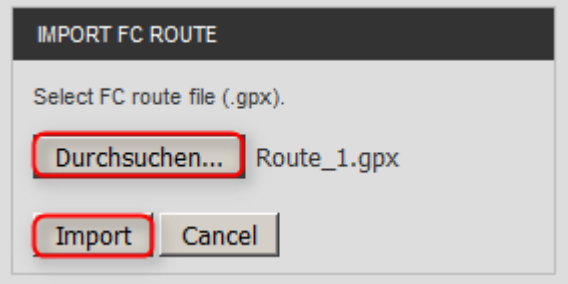
Routes -> Import FC route



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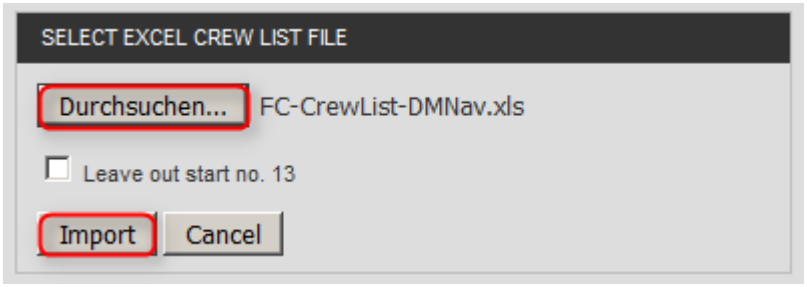
Flight Contest
Competition start - Import crews (1)

Crews -> Import Excel crew list



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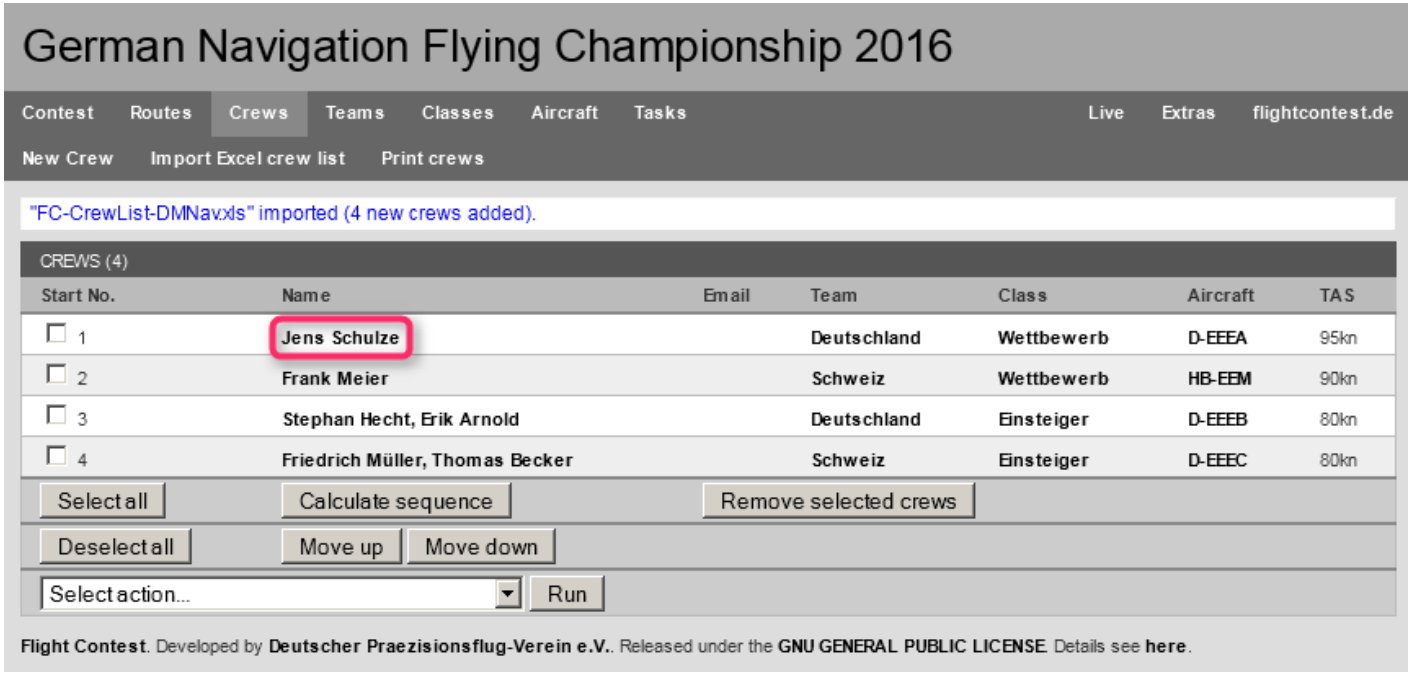

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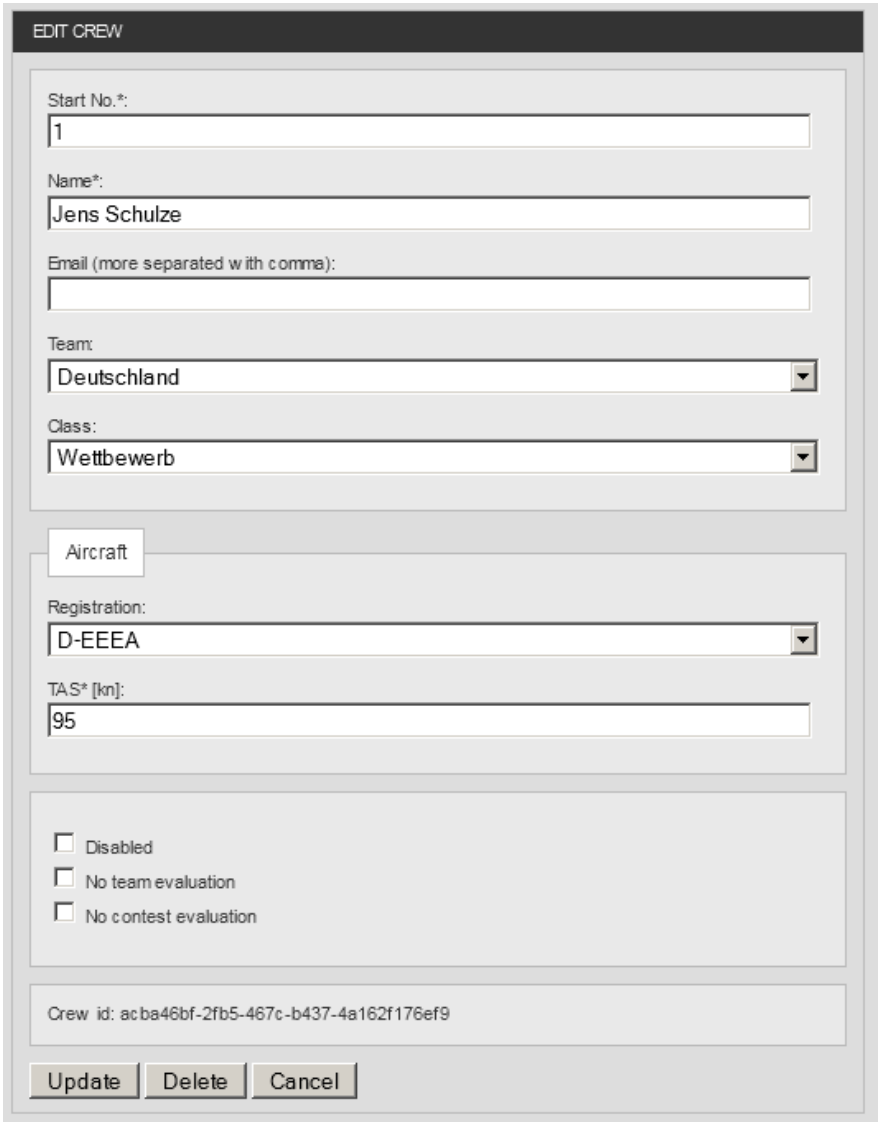
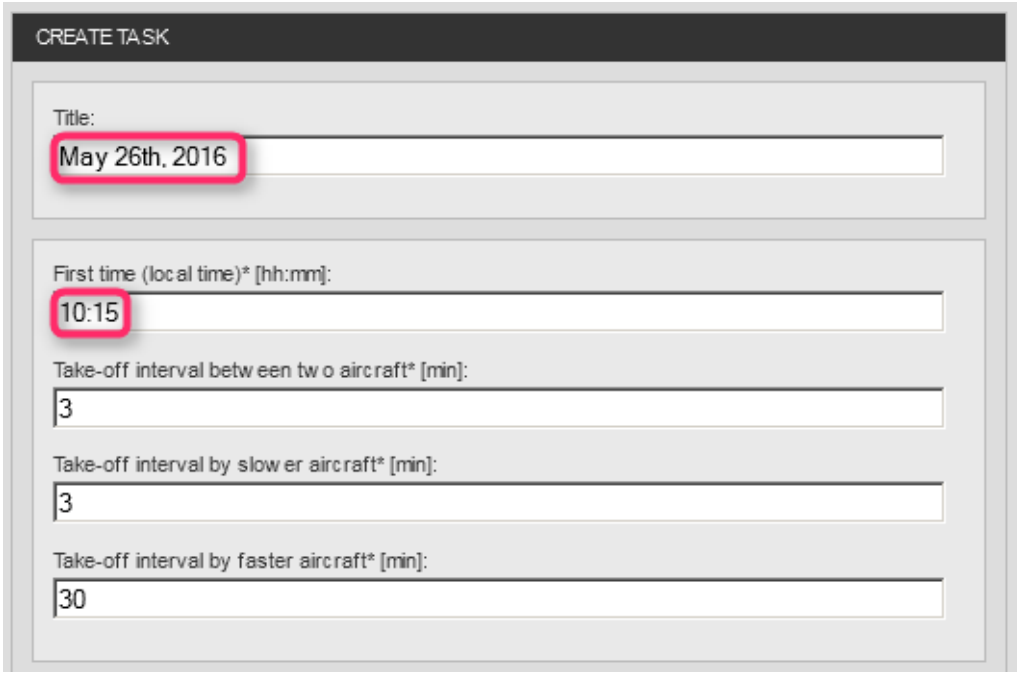
Flight Contest
Competition start - Import crews (2)



Flight Contest
Competition start - Create task (1)

Tasks -> New Task



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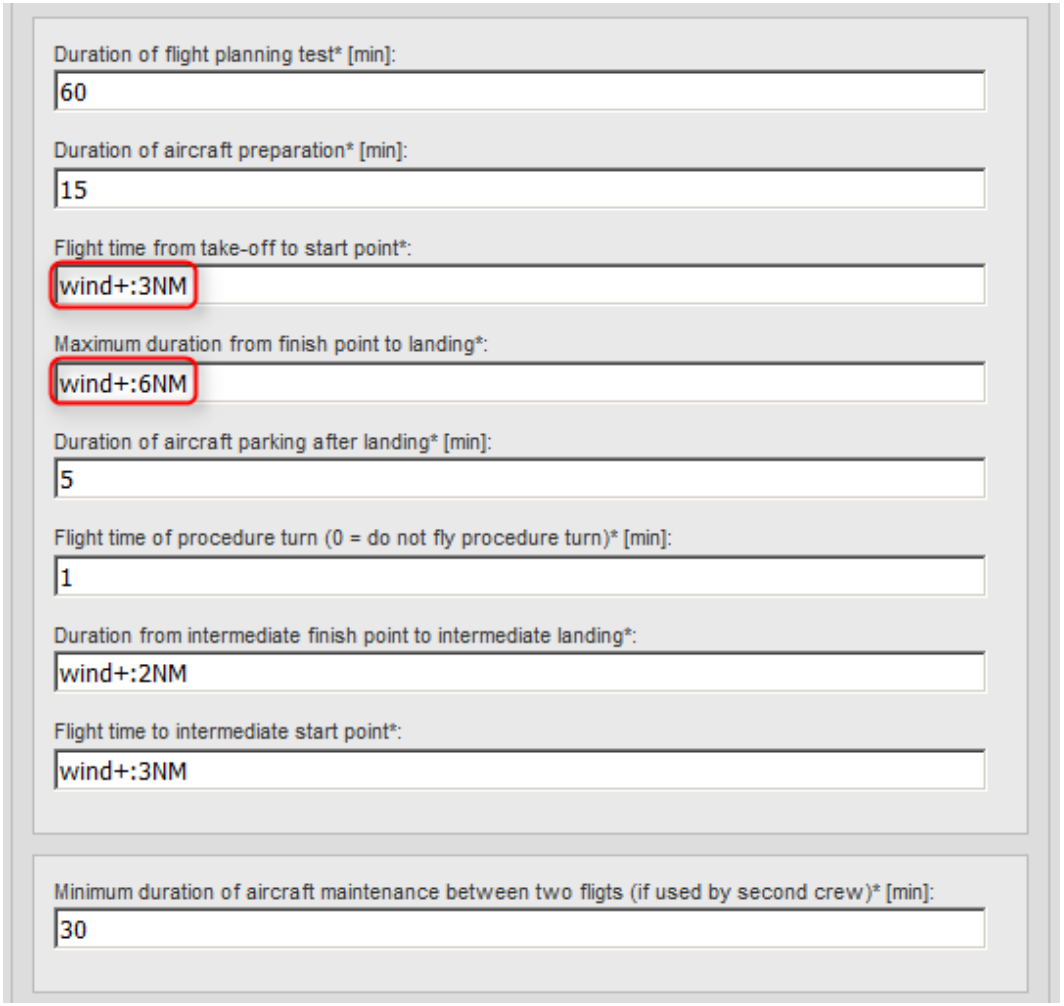
Flight Contest
Competition start - Create task (2)



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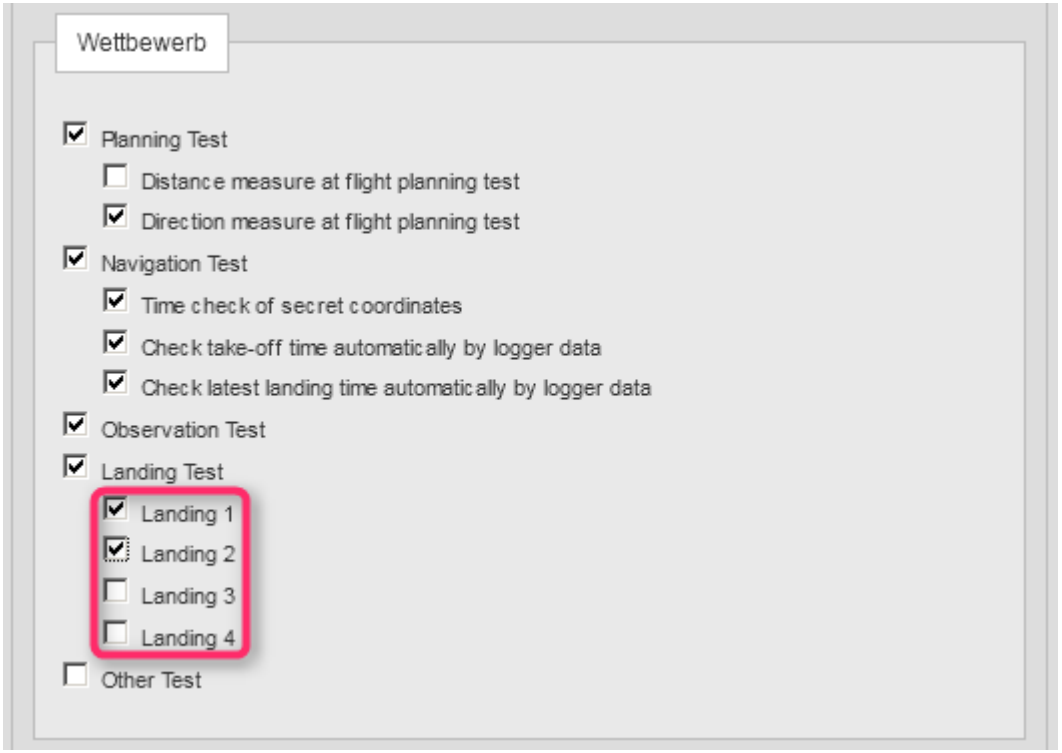
Flight Contest
Competition start - Create task (3)



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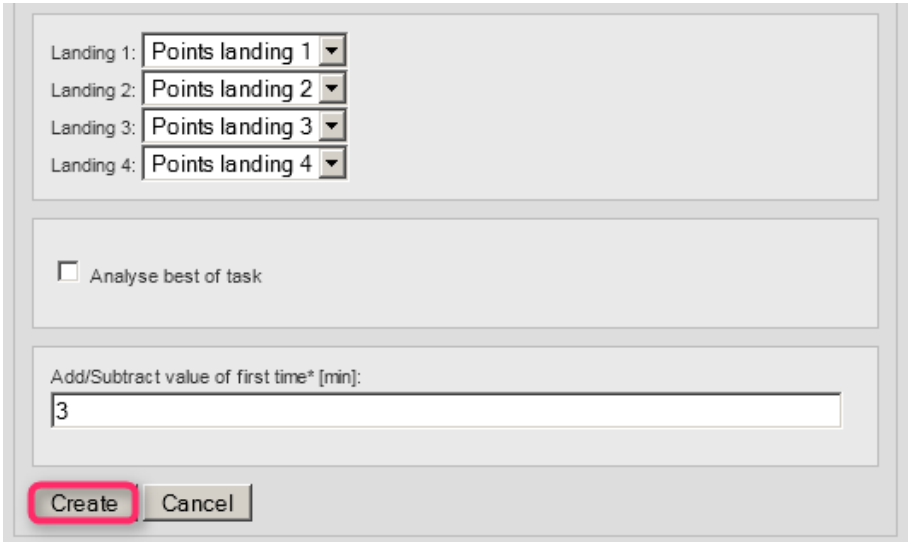
Flight Contest
Competition start - Create task (4)



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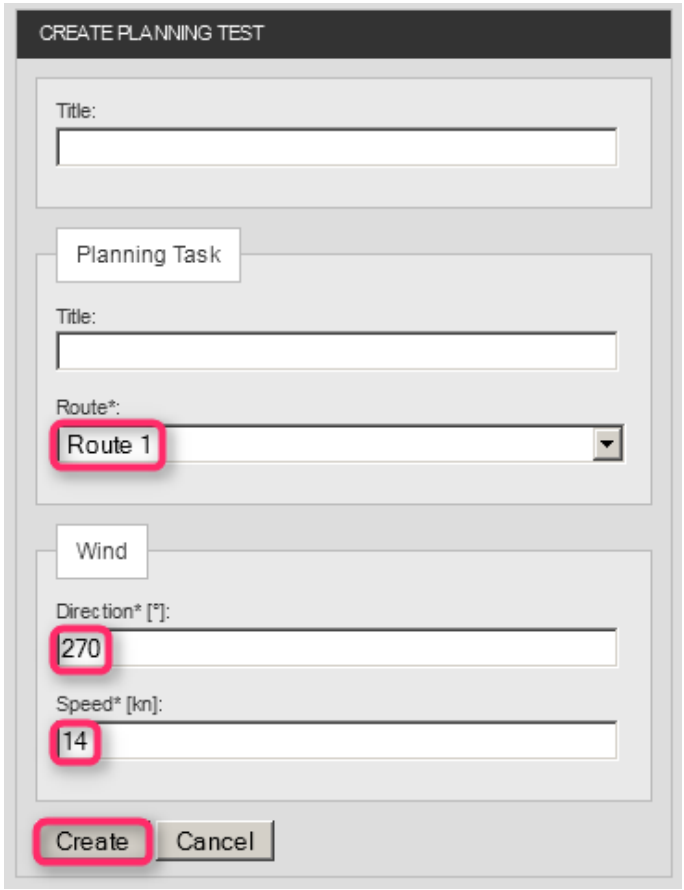
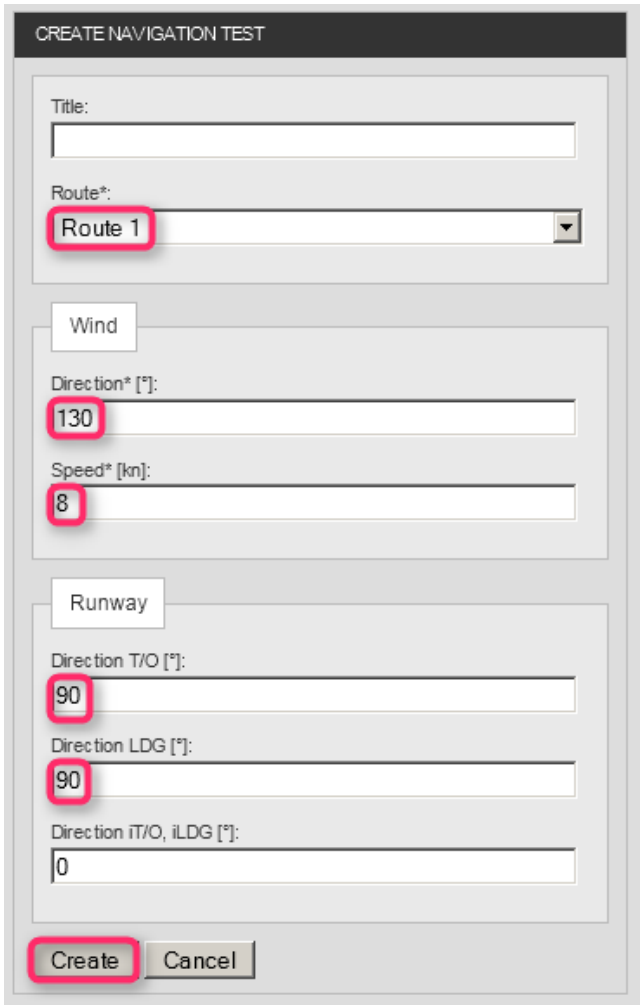
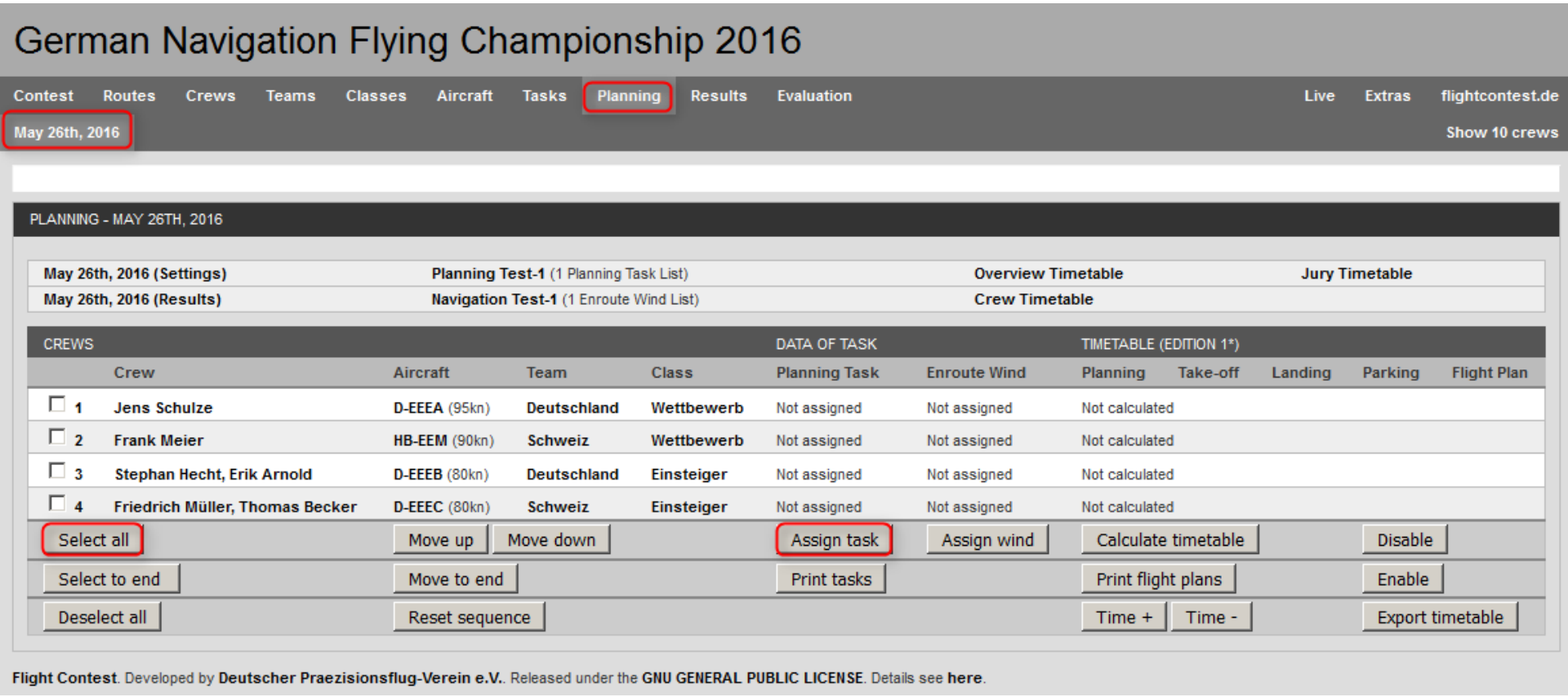
Flight Contest
Competition start - Create task (5)





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



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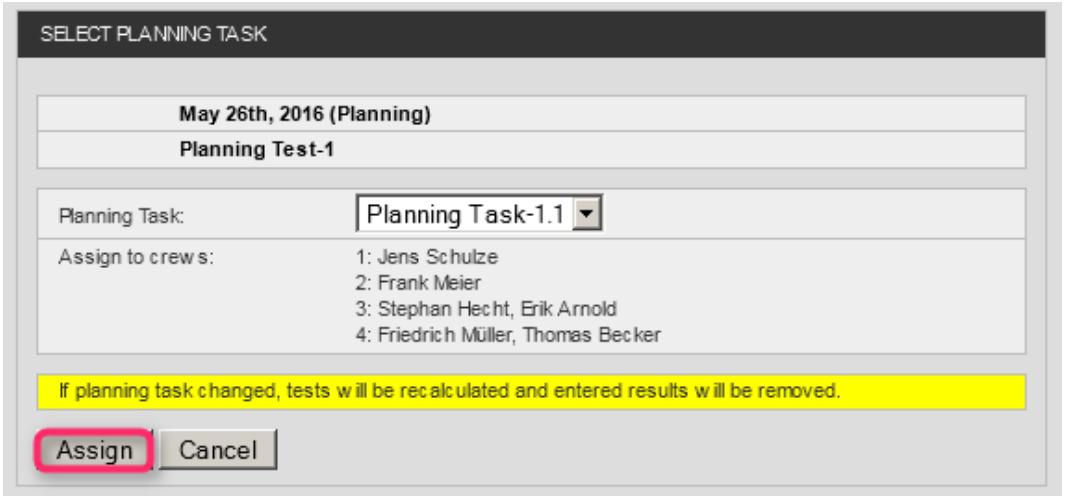
Flight Contest

Competition start - Task planning (2) - Assign flight planning task (2)



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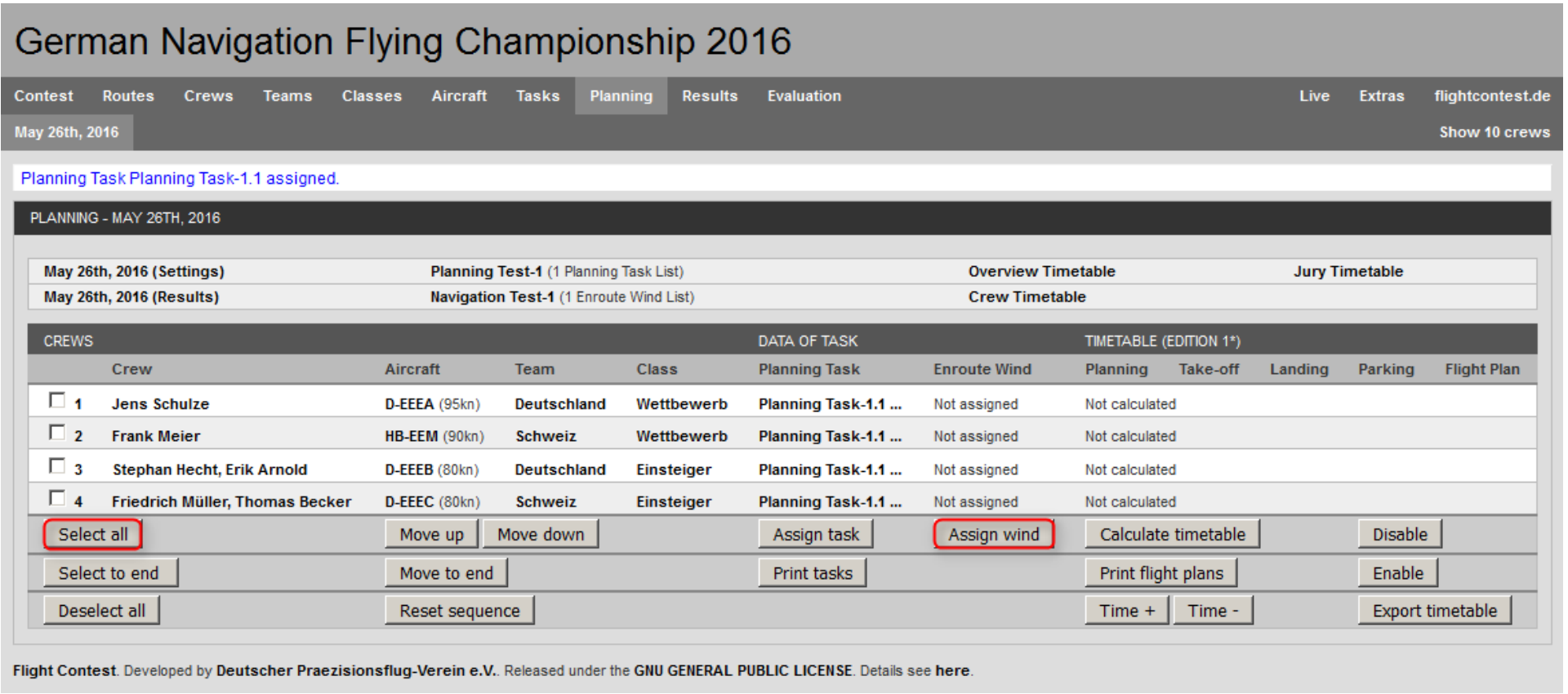
Flight Contest
Competition start - Task planning (3) - Assign enroute wind (1)



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
☐ 1	**Jens Schulze**	**D-EEEA** (95kn)	**Deutschland**	**Wettbewerb**	**Planning Task-1.1 ...**	Not assigned	Not calculated				
☐ 2	**Frank Meier**	**HB-EEM** (90kn)	**Schweiz**	**Wettbewerb**	**Planning Task-1.1 ...**	Not assigned	Not calculated				
☐ 3	**Stephan Hecht, Erik Arnold**	**D-EEEB** (80kn)	**Deutschland**	**Einsteiger**	**Planning Task-1.1 ...**	Not assigned	Not calculated				
☐ 4	**Friedrich Müller, Thomas Becker**	**D-EEEC** (80kn)	**Schweiz**	**Einsteiger**	**Planning Task-1.1 ...**	Not assigned	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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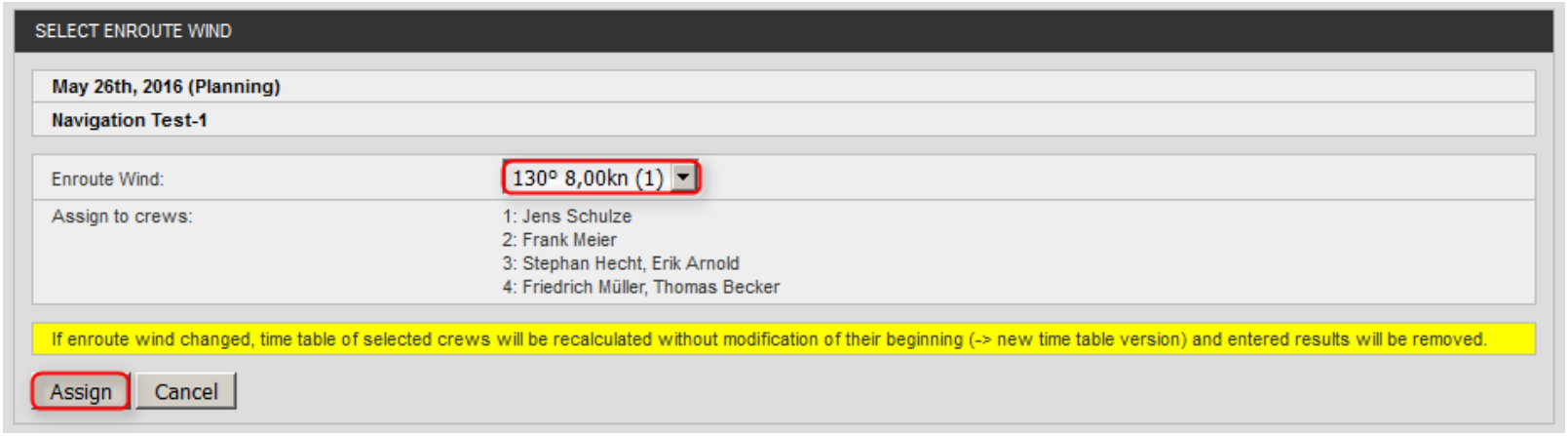
Flight Contest
Competition start - Task planning (4) - Assign enroute wind (2)



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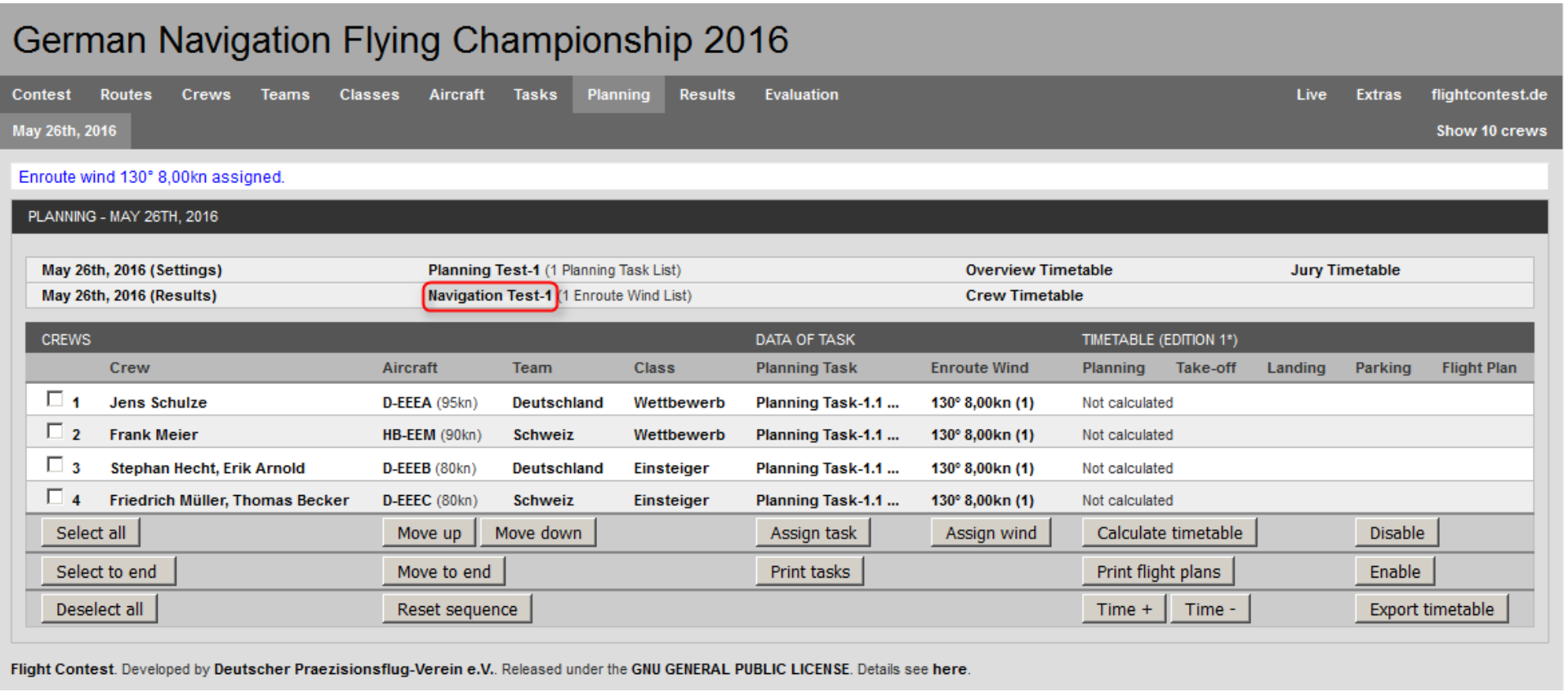
Flight Contest
Competition start - Task planning (5) - Change enroute wind (1)



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
☐ 1	Jens Schulze	D-EEEA (95kn)	Deutschland	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
☐ 2	Frank Meier	HB-EEM (90kn)	Schweiz	Wettbewerb	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
☐ 3	Stephan Hecht, Erik Arnold	D-EEEB (80kn)	Deutschland	Einsteiger	Planning Task-1.1 ...	130° 8,00kn (1)	Not calculated				
☐ 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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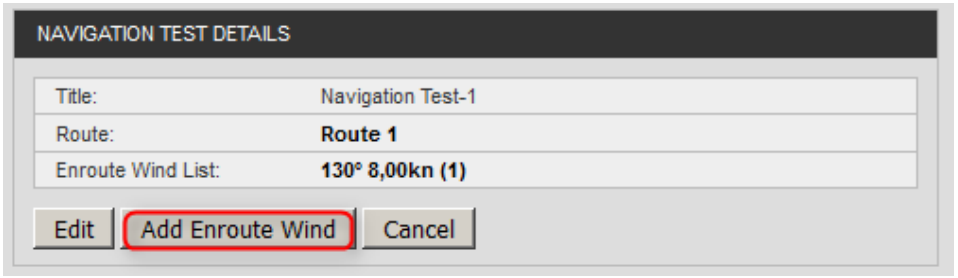
Flight Contest

Competition start - Task planning (6) - Change enroute wind (2)



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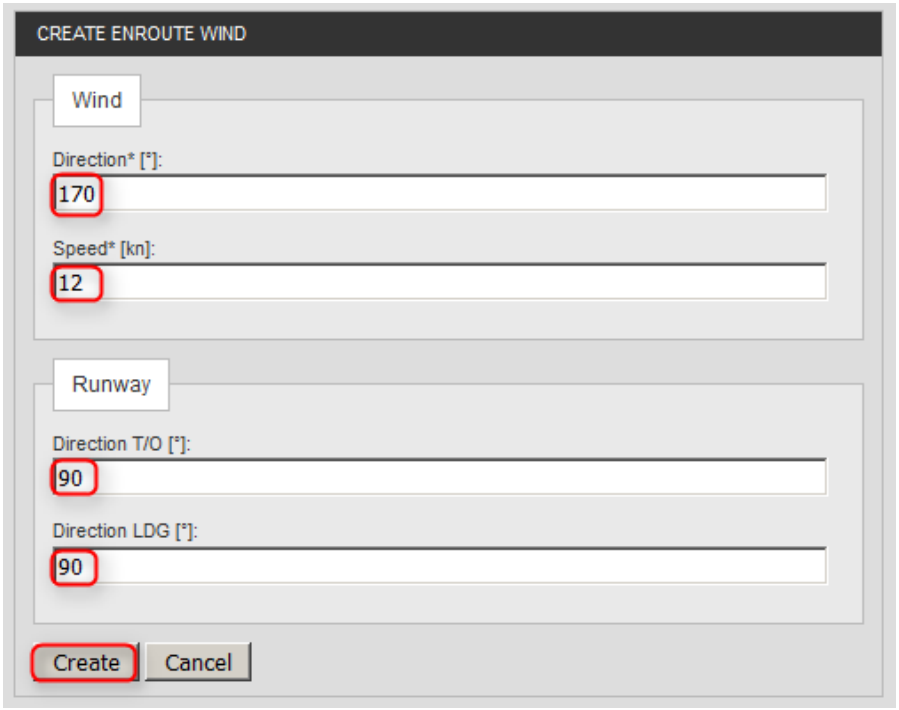

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Flight Contest

Competition start - Task planning (7) - Change enroute wind (3)

->

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
☐ 1	**Jens Schulze**	**D-EEEA** (95kn)	**Deutschland**	**Wettbewerb**	**Planning Task-1.1 ...**	**130° 8,00kn (1)**	Not calculated				
☐ 2	**Frank Meier**	**HB-EEM** (90kn)	**Schweiz**	**Wettbewerb**	**Planning Task-1.1 ...**	**130° 8,00kn (1)**	Not calculated				
☐ 3	**Stephan Hecht, Erik Arnold**	**D-EEEB** (80kn)	**Deutschland**	**Einsteiger**	**Planning Task-1.1 ...**	**170° 12,00kn (2)**	Not calculated				
☐ 4	**Friedrich Müller, Thomas Becker**	**D-EEEC** (80kn)	**Schweiz**	**Einsteiger**	**Planning Task-1.1 ...**	**170° 12,00kn (2)**	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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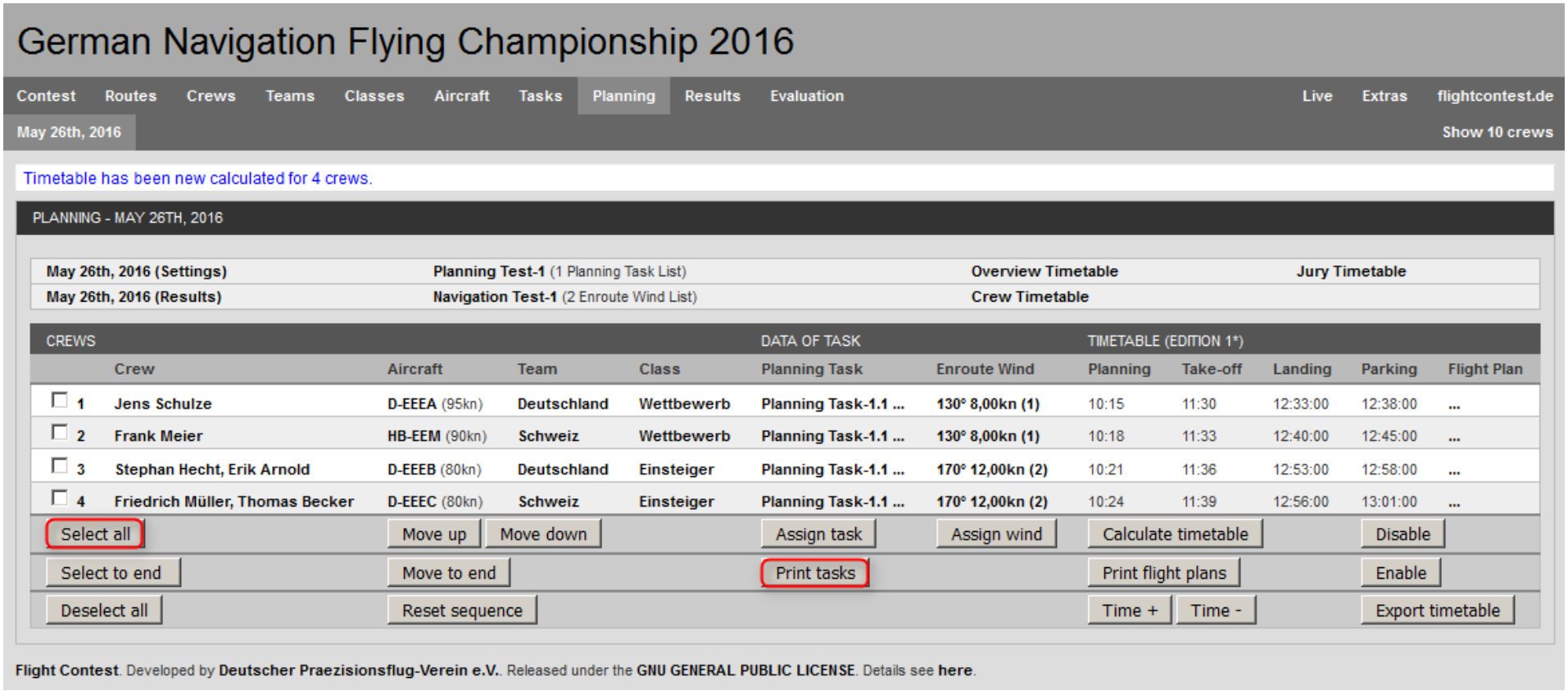
Flight Contest
Competition start - Print task (1) - Flight planning test (1)



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
☐ 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	...
☐ 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	...
☐ 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	...
☐ 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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German Navigation Flying Championship 2016

Planning 1

May 26th, 2016

Crew:	Jens Schulze	Registration:	D-EEEA
Team:	Deutschland	A/C Type:	C172
Class:	Wettbewerb	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
☐ 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	...
☐ 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	...
☐ 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	...
☐ 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

Flight Contest. Developed by **Deutscher Praezisionsflug-Verein e.V.**. Released under the **GNU GENERAL PUBLIC LICENSE**. Details see **here**.

->

German Navigation Flying Championship 2016

Flight Plan 1

May 26th, 2016 (Timetable edition 1)

Crew:	**Jens Schulze**	Registration:	**D-EEEA**
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 (EDITION 1*)				
	Crew	Aircraft	Team	Class	Planning Task	Enroute Wind	Planning	Take-off	Landing	Parking	Flight Plan
☐ 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	...
☐ 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	...
☐ 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	...
☐ 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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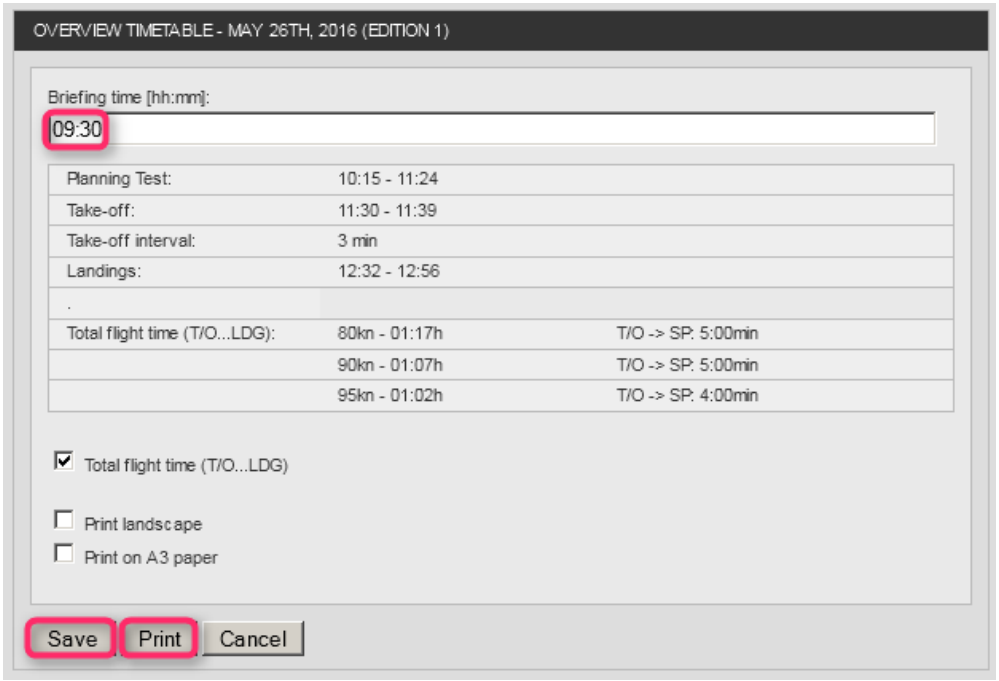
Flight Contest
Competition start - Print task (6) - Time tables (2)



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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

Flight Contest
Competition start - Print task (8) - Time tables (4)

->

Save modified options before print.

German Navigation Flying Championship 2016

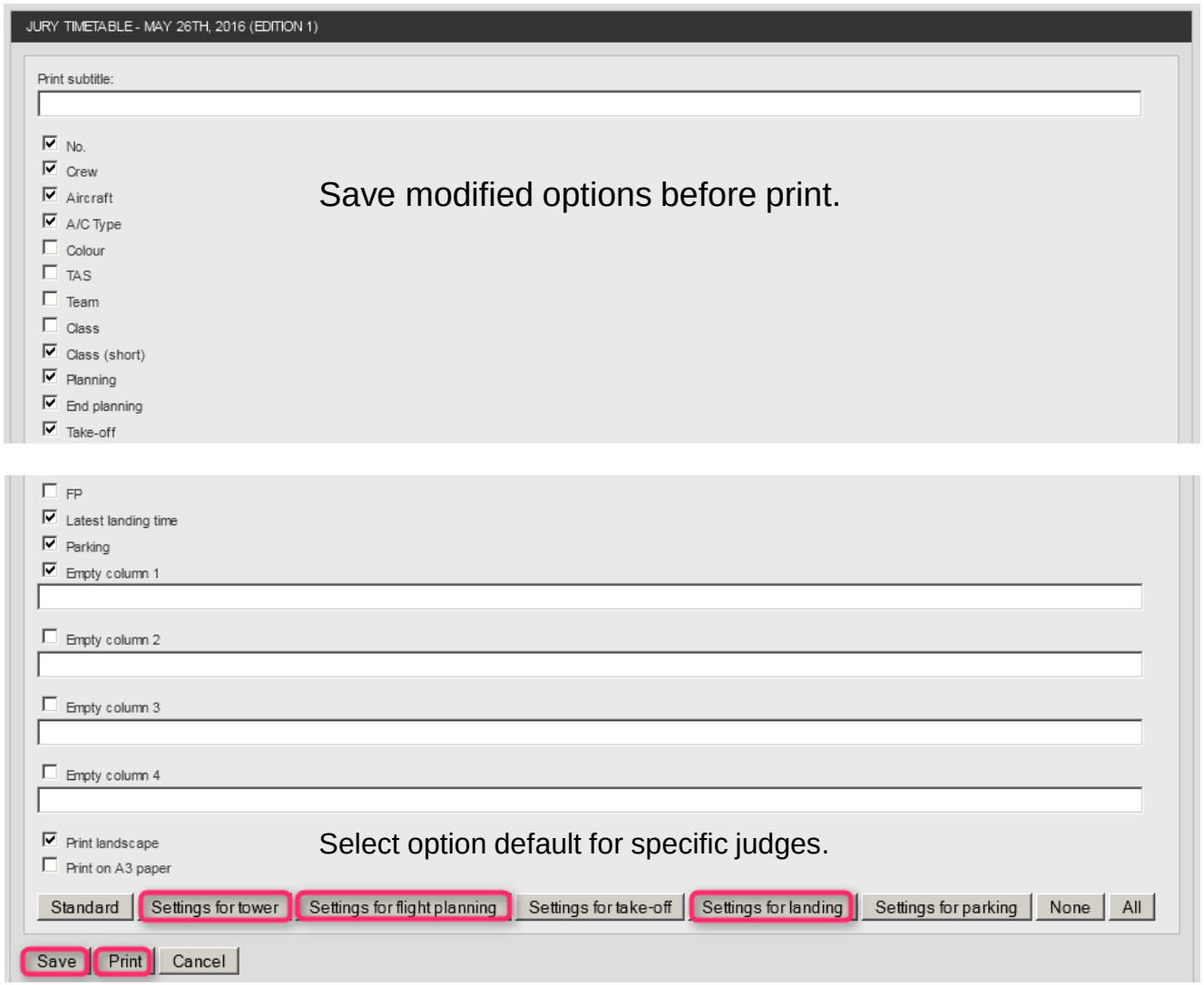
Timetable

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.

Flight Contest
Competition start - Print task (10) - Time tables (6)



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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-EEEA (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-EEEB (80kn)	Deutschland	Einsteiger	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	0 [provisional] ...	...	0 Points [provisional]	n/a
4	Friedrich Müller, Thomas Becker	D-EEEC (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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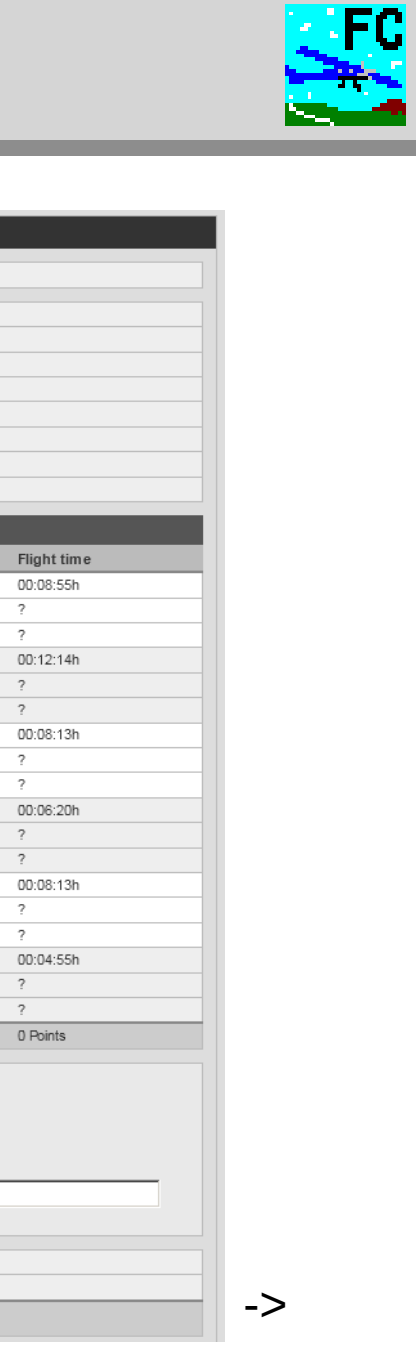
Flight Contest

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]:

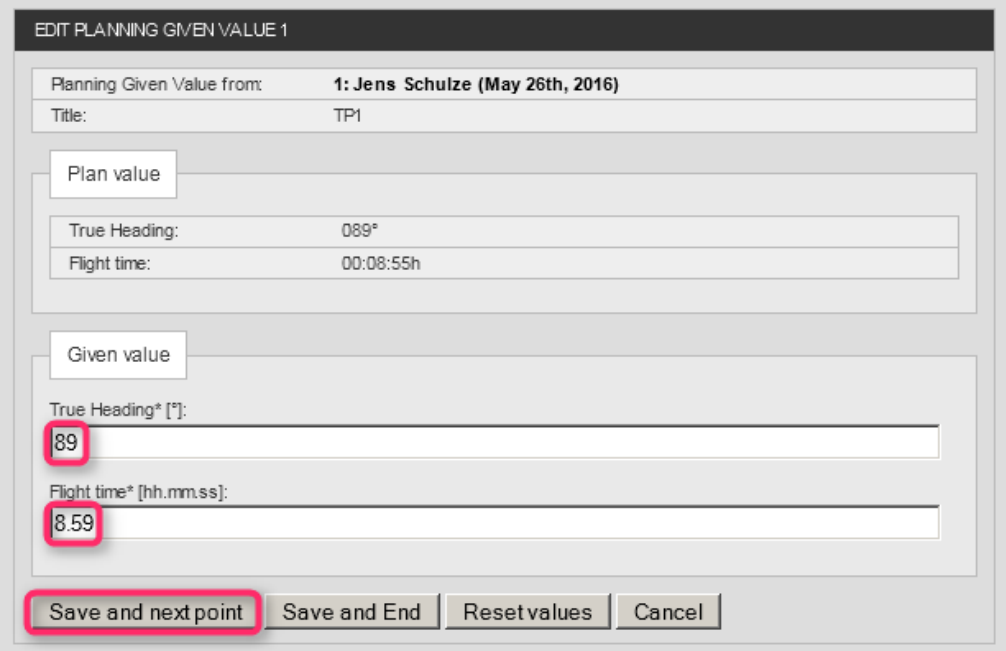
0

Leg penalties:	0 Points
Total penalties :	**0 Points**

Next result | Print | Cancel

->

Flight Contest
Competition execution - Input flight planning results (2)

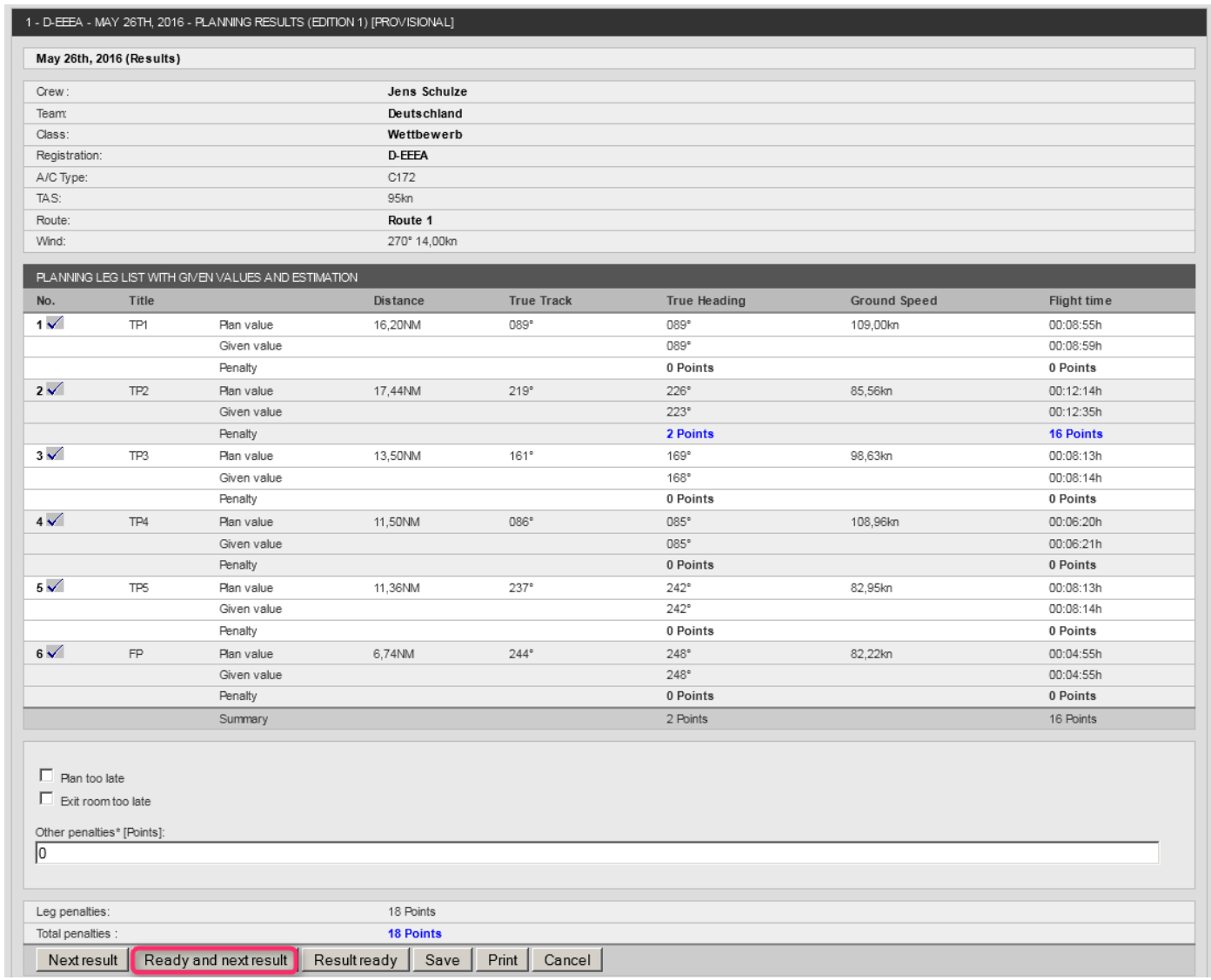


->

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

May 26th, 2016 (Results)

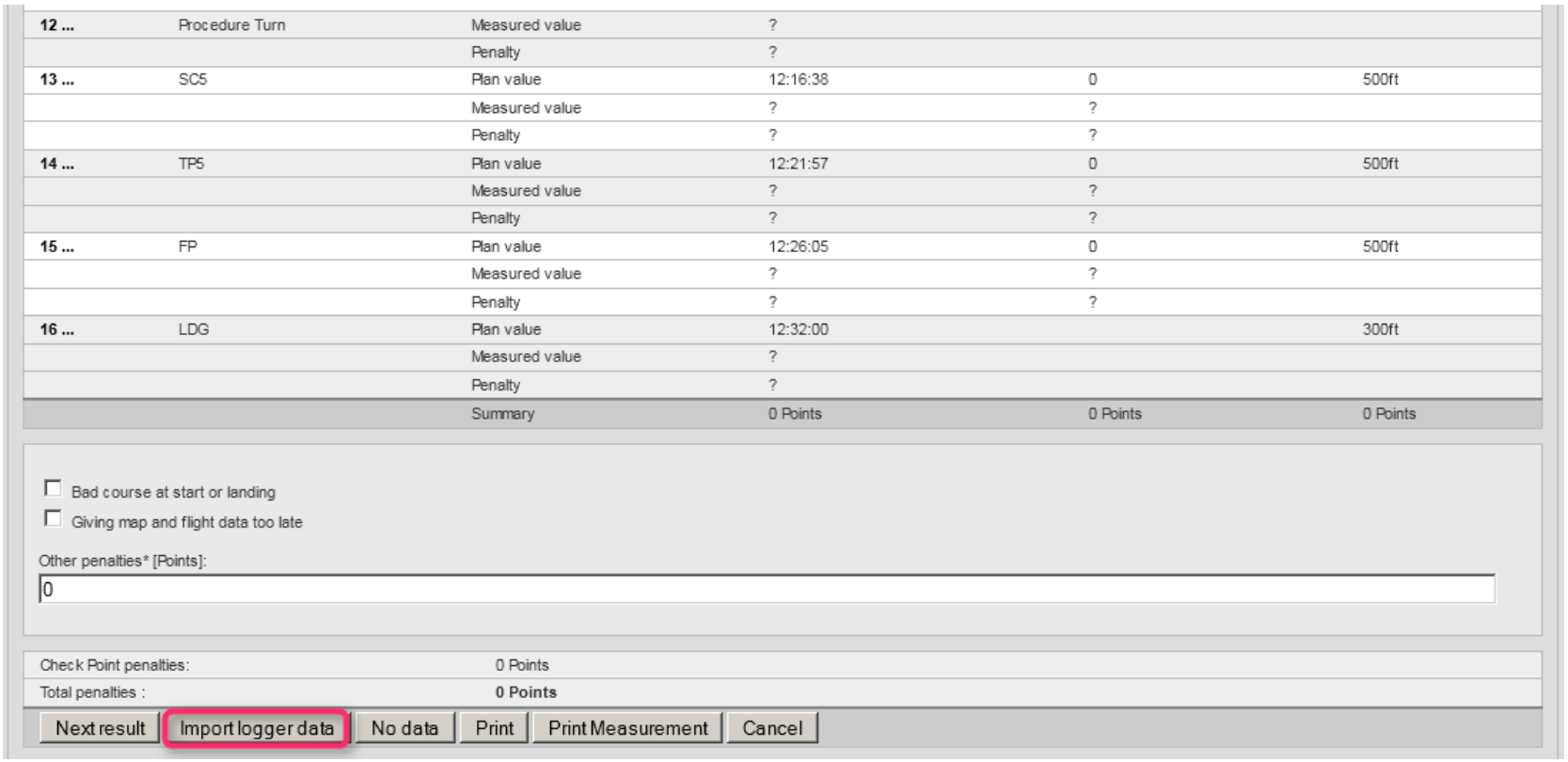
Crew:	**Jens Schulze**
Team:	**Deutschland**
Class:	**Wettbewerb**
Registration:	**D-EEEA**
A/C Type:	C172
TAS:	95kn
Route:	**Route 1**
Wind:	**130° 8,00kn (1)**

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	?		

->

Flight Contest
Competition execution - Logger evaluation (2)



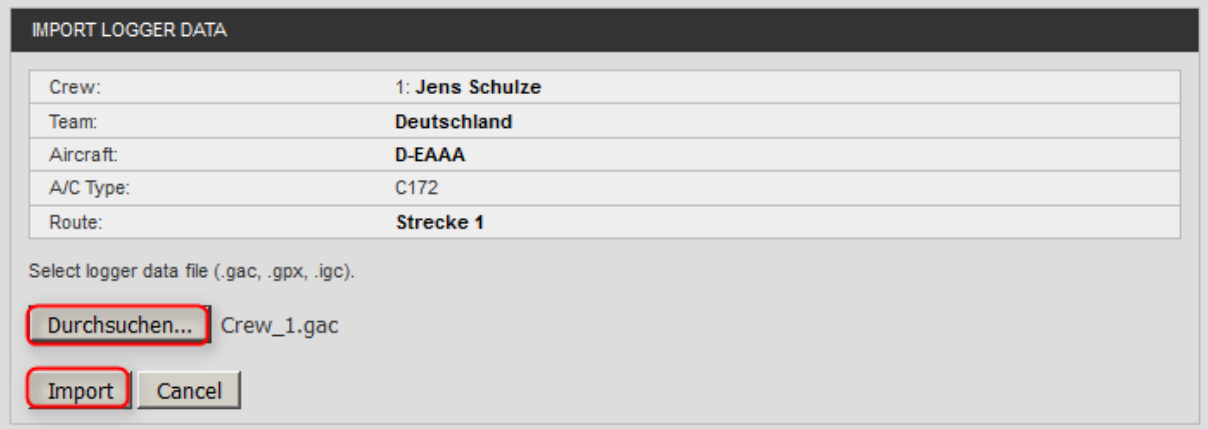
12 ...	Procedure Turn	Measured value	?		
		Penalty	?		
13 ...	SC5	Plan value	12:16:38	0	500ft
		Measured value	?	?	
		Penalty	?	?	
14 ...	TP5	Plan value	12:21:57	0	500ft
		Measured value	?	?	
		Penalty	?	?	
15 ...	FP	Plan value	12:26:05	0	500ft
		Measured value	?	?	
		Penalty	?	?	
16 ...	LDG	Plan value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

->

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

Save GAC, GPX or IGC data

↓



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Flight Contest
Competition execution - Logger evaluation (4)

1 - D-EEEA - MAY 26TH, 2016 - NAVIGATION FLIGHT 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:	**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	-	-	-

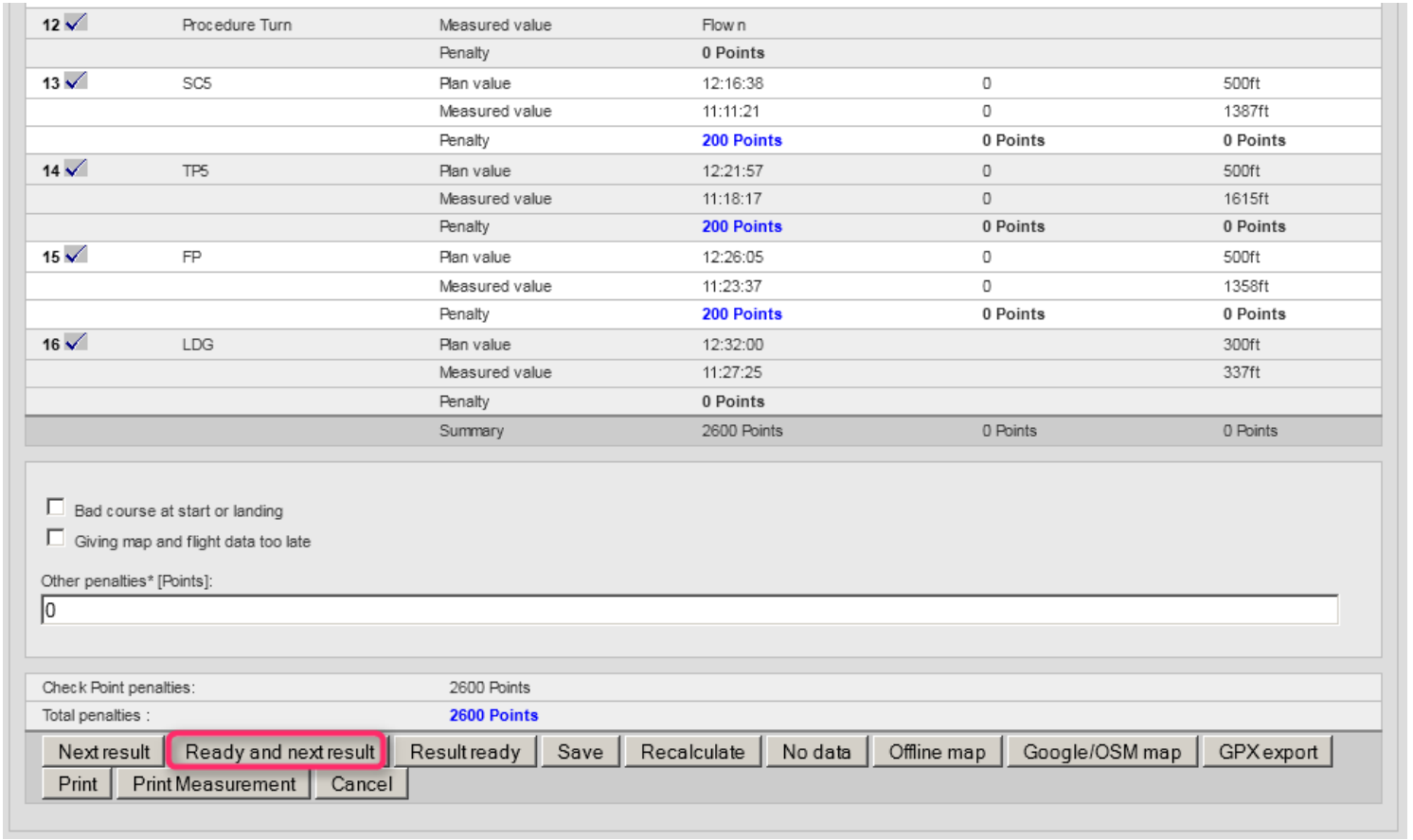
CHECK POINTS WITH MEASURED VALUES AND ESTIMATION

No.	Title		Overflying time	Bad courses	Altitude
1 ✓	T/O	Plan value	11:30:00		180ft
		Measured value	10:21:09		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)



12 ✓	Procedure Turn	Measured value	Flown		
		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-EEEA - MAY 26TH, 2016 - NAVIGATION FLIGHT 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:	**130° 8,00kn (1)**

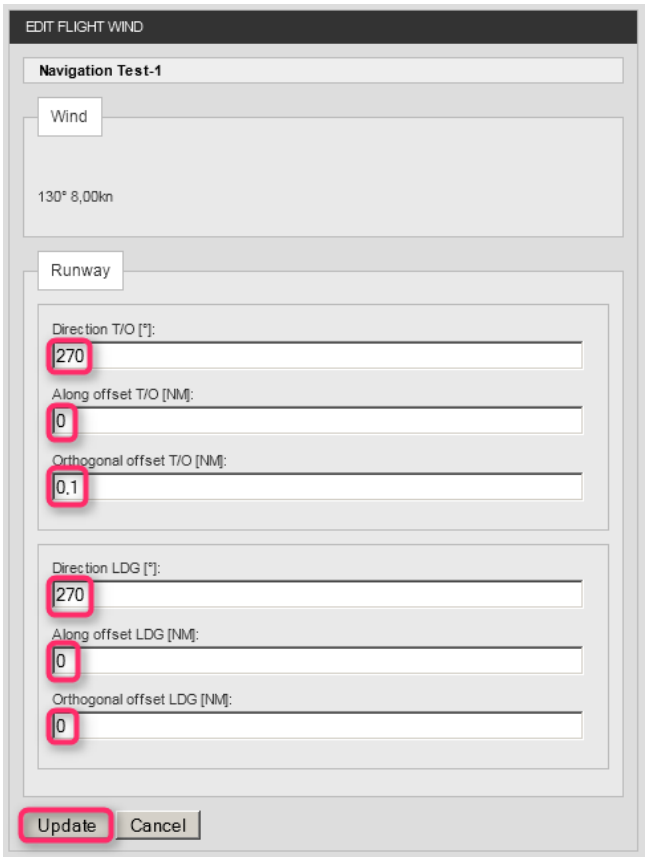
T/O or LDG have not been found. Correct runway settings on "Wind" or recalculate with other start and end time.

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)	-	-

->

Flight Contest
Competition execution - Logger evaluation (7)



<u>Direction:</u>
Enter takeoff/landing direction specified

<u>Longitudinal offset:</u>

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

- \- displacement to the back
- \+ displacement to the front

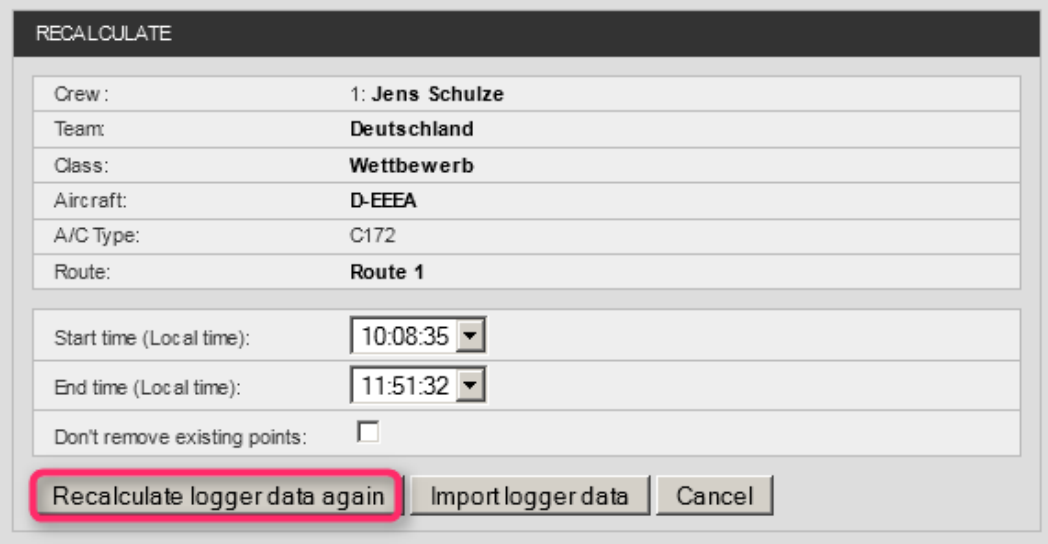
<u>Lateral offset:</u>

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'.



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

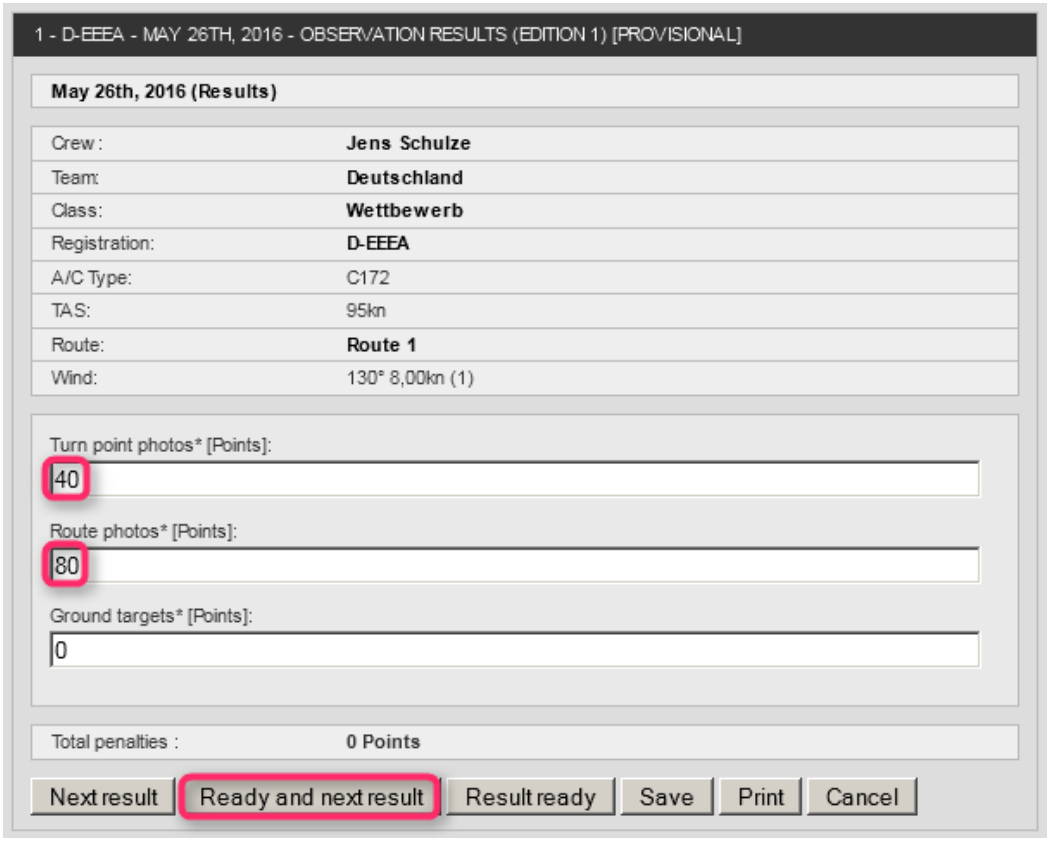
Title	Local time	Latitude	Longitude	Altitude	Gate missed	Procedure turn missed	Bad course	
T/O	10:35:34	52.4818300000°	14.0879916666°	295ft	-	-	-	
SP	10:44:52	52.5024833333°	14.1429000000°	500ft	Yes (not found)	-	-	
SC1	10:44:54	52.5273733334°	14.2289233334°	1488ft	Yes	-	-	
TP1	10:47:18	52.4746550000°	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:

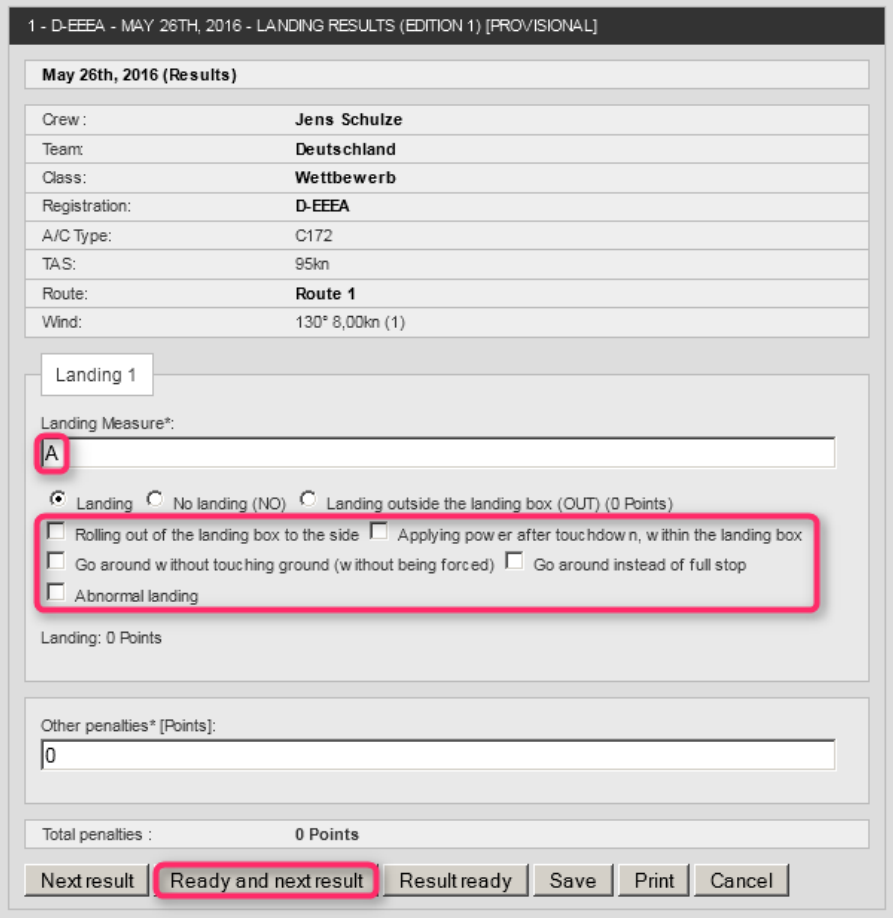
Red:	Failure, penalties will be given
Violet:	Failure disabled, no penalties
Blue:	Failure disabled by evaluation software, no penalties
Grey:	no automatic TO/LDG evaluation

Flight Contest
Competition execution - Input observation results



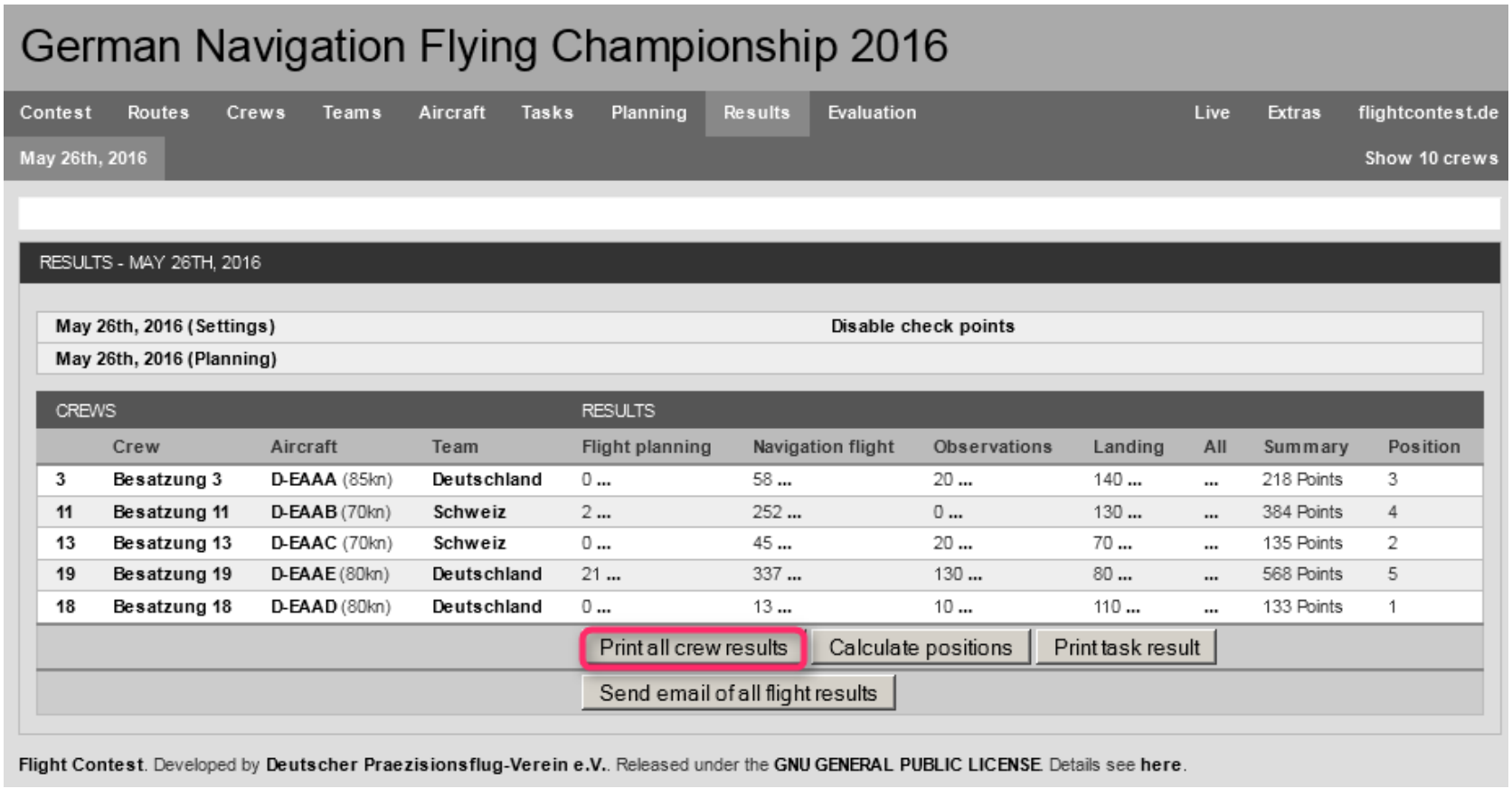
Use the tab key to move from field to field.

Flight Contest
Competition execution - Input landing results



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 Praezisionsflug-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.)

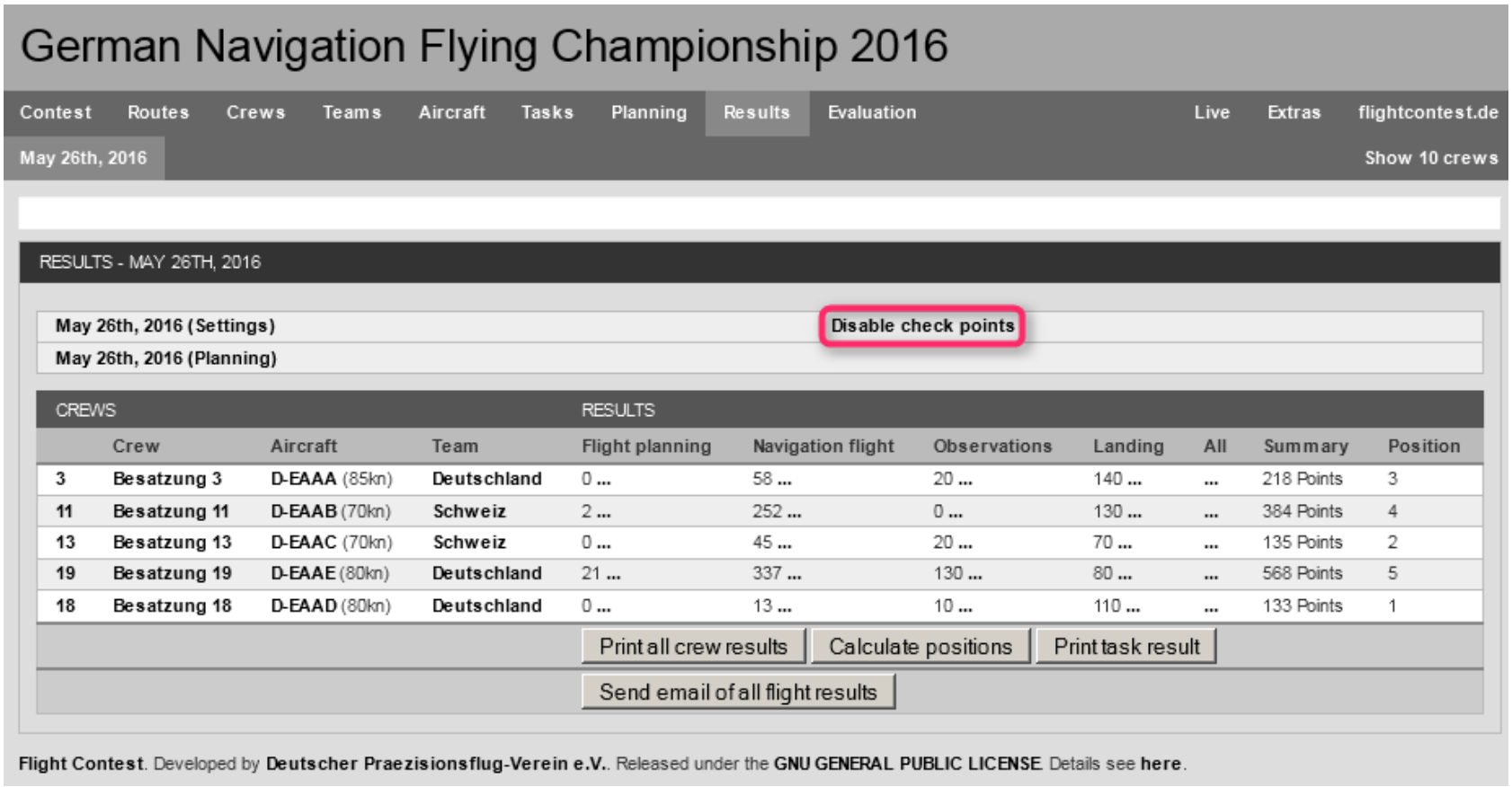
->

- 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

Flight Contest
Competition evaluation - Disable check points (1)



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 Praezisionsflug-Verein e.V.. Released under the GNU GENERAL PUBLIC LICENSE. Details see here.

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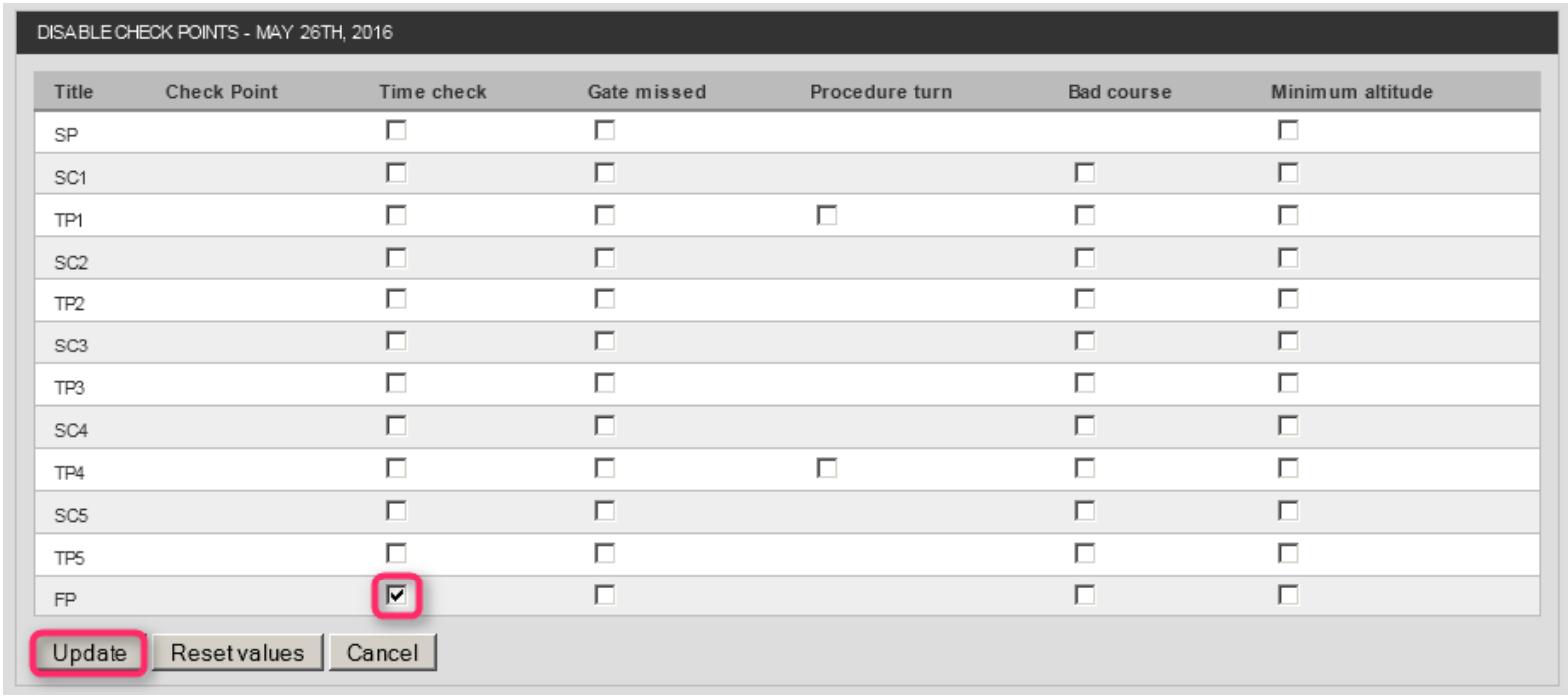
Flight Contest
Competition evaluation - Disable check points (2)



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.

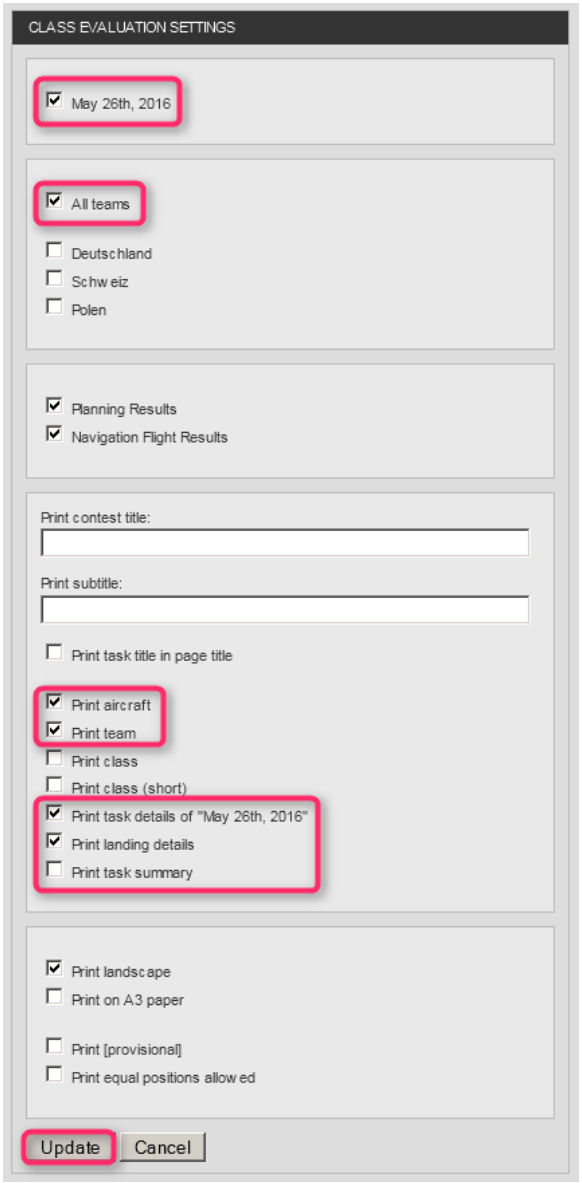
Every modification will lead to recalculating the result.

Flight Contest
Competition evaluation - Evaluation by class (1)

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

->

Flight Contest
Competition evaluation - Evaluation by class (2)



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Flight Contest
Competition evaluation - Evaluation by class (3)

->

German Navigation Flying Championship 2016

Final Results Competition

Flight planning, Navigation flight

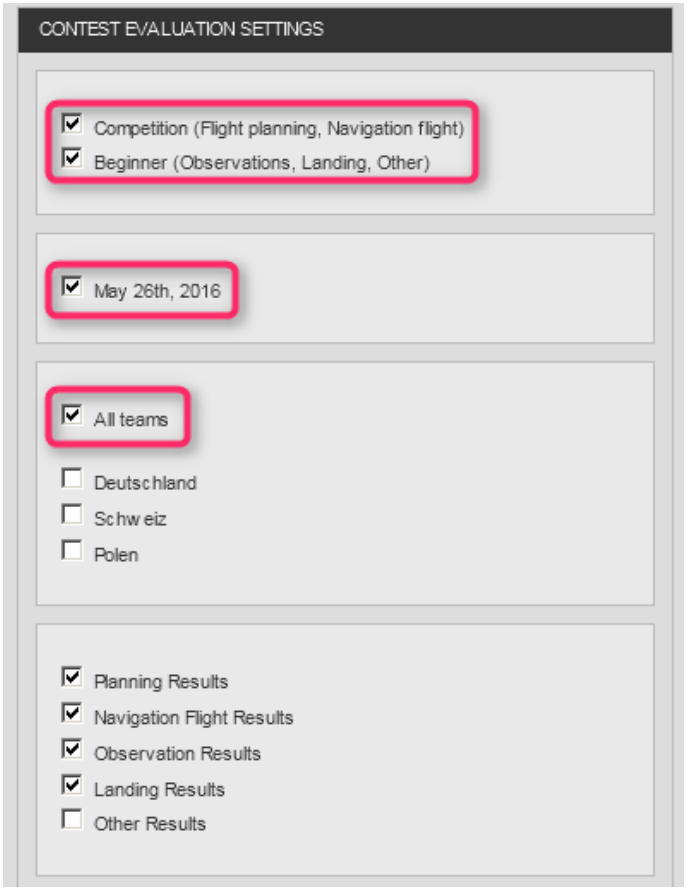
Pos.	Crew	Aircraft	Team	May 26th, 2016		Summary
				Plan.	Nav.	
1	Besatzung 13	D-EAAC	Schweiz	0	45	45
2	Besatzung 3	D-EAAA	Deutschland	0	58	58
3	Besatzung 19	D-EAAE	Deutschland	21	337	358

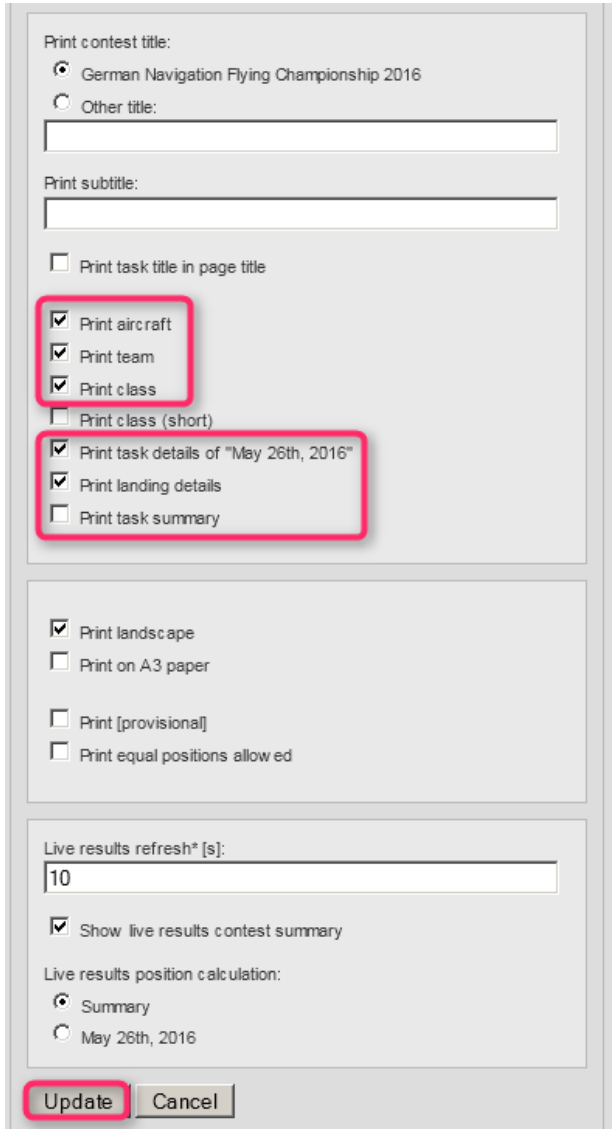
Flight Contest
Competition evaluation - Mixed evaluation (1)

->

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

Flight Contest
Competition evaluation - Mixed evaluation (2)





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Flight Contest
Competition evaluation - Mixed evaluation (3)

->

German Navigation Flying Championship 2016

Final Results

Flight planning, Navigation flight, Observations, Landing

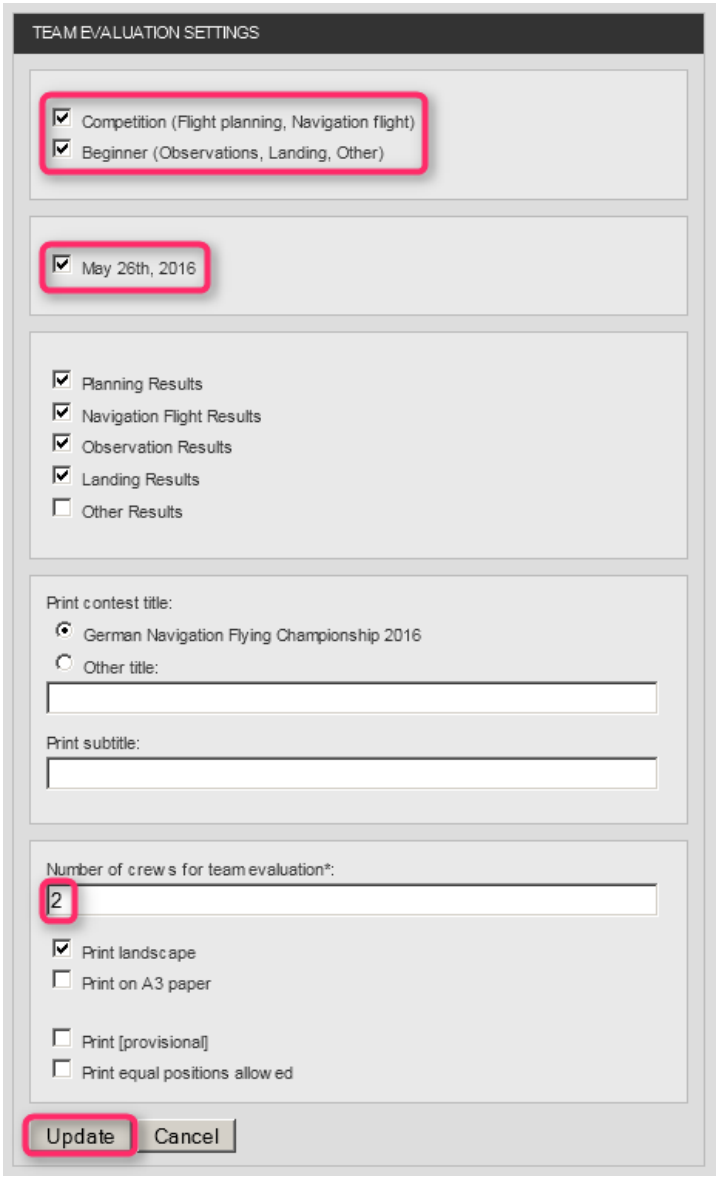
Pos.	Crew	Aircraft	Team	Class	May 26th, 2016							Summary
					Plan.	Nav.	Obs.	Land1	Land2	Land3	Land4	
1	Besatzung 13	D-EAAC	Schweiz	Competition	0	45	-	-	-	-	-	45
2	Besatzung 3	D-EAAA	Deutschland	Competition	0	58	-	-	-	-	-	58
3	Besatzung 18	D-EAAD	Deutschland	Beginner	-	-	10	0	0	90	20	120
4	Besatzung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

Flight Contest
Competition evaluation - Evaluation by team (1)

->

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

Flight Contest
Competition evaluation - Evaluation by team (2)



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Flight Contest
Competition evaluation - Evaluation by team (3)

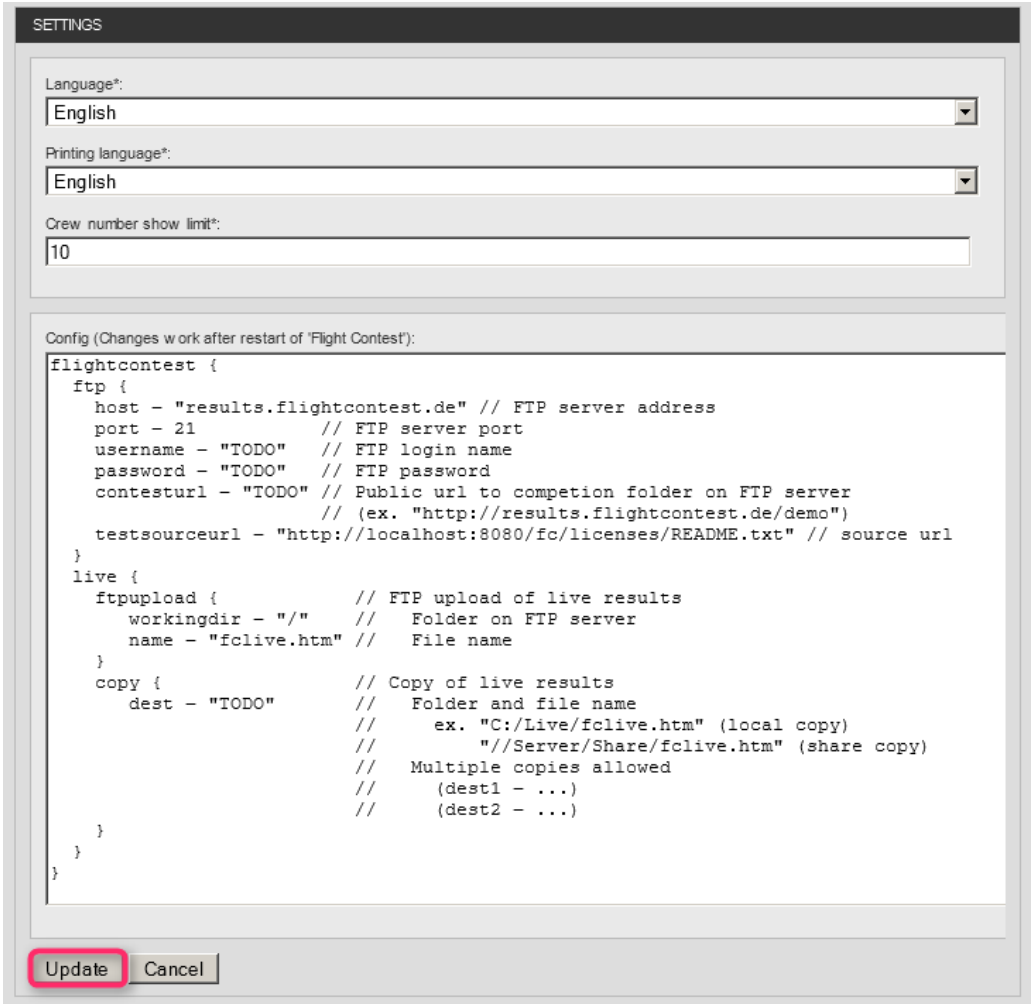
German Navigation Flying Championship 2016

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



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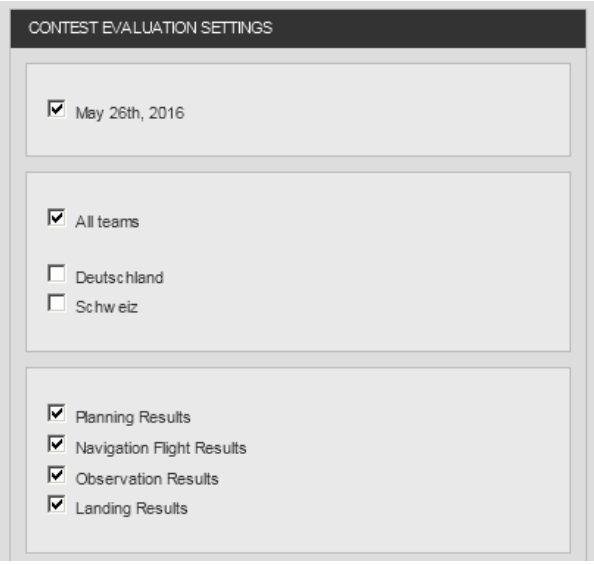
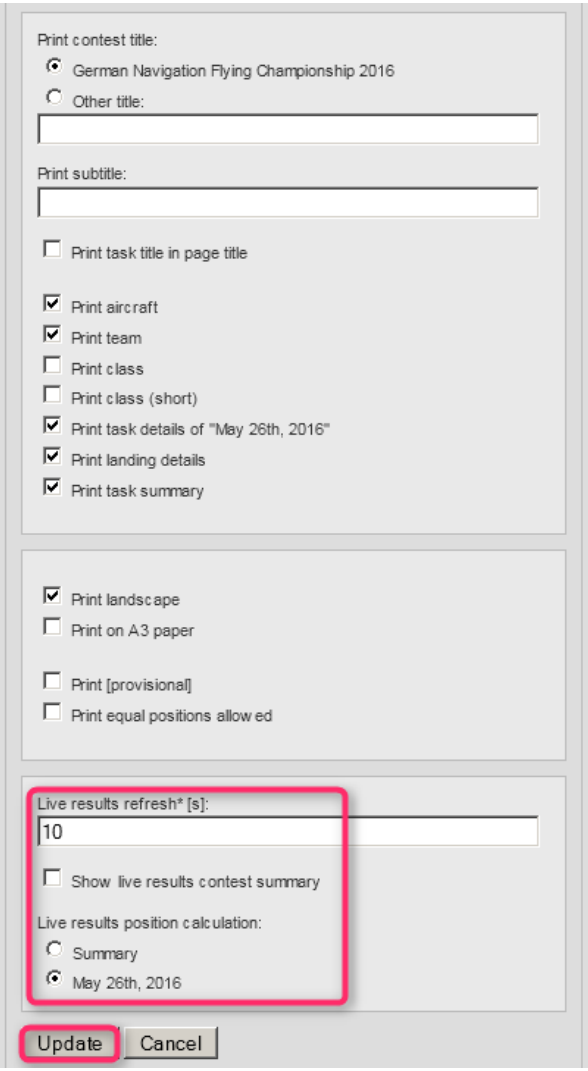
A configured FTP connection can be tested using 'Extras -> Test FTP'.

Evaluation -> Contest Evaluation -> Contest evaluation settings





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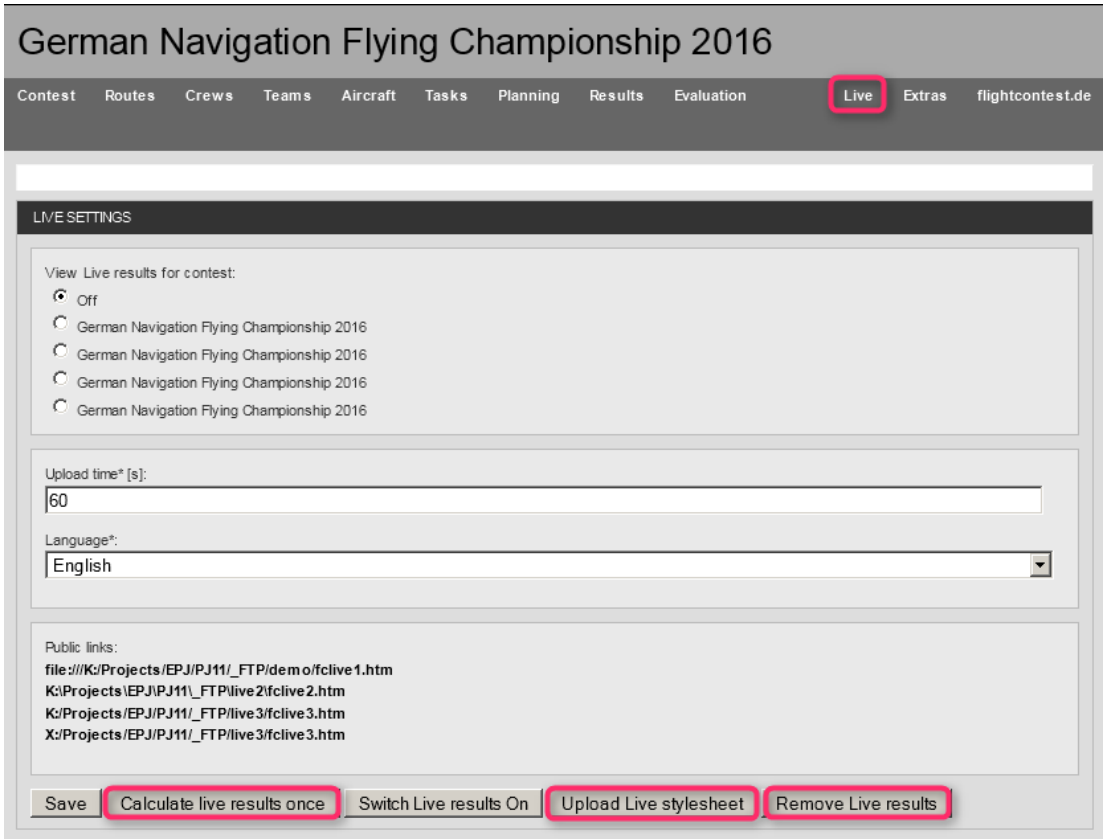
Flight Contest
Competition evaluation - Live scoring (3) - Run



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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)

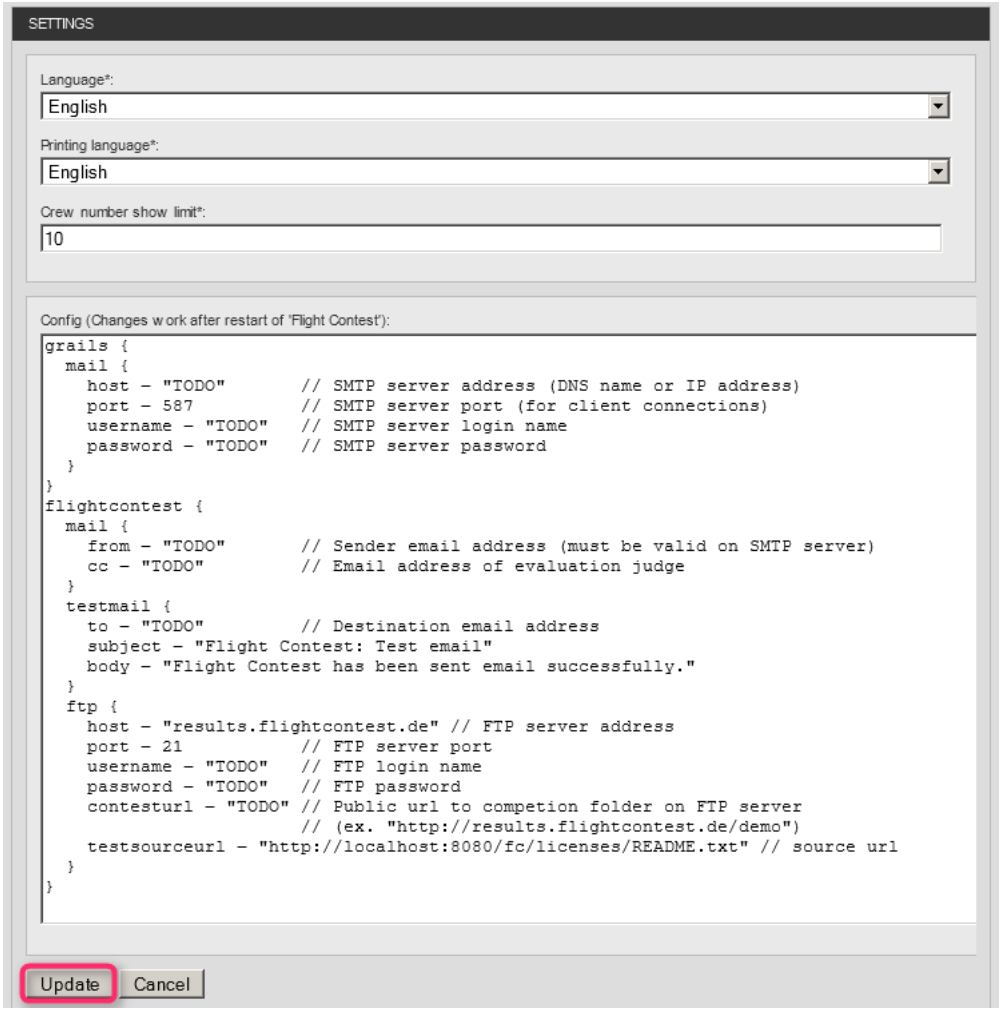
German Navigation Flying Championship 2016

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



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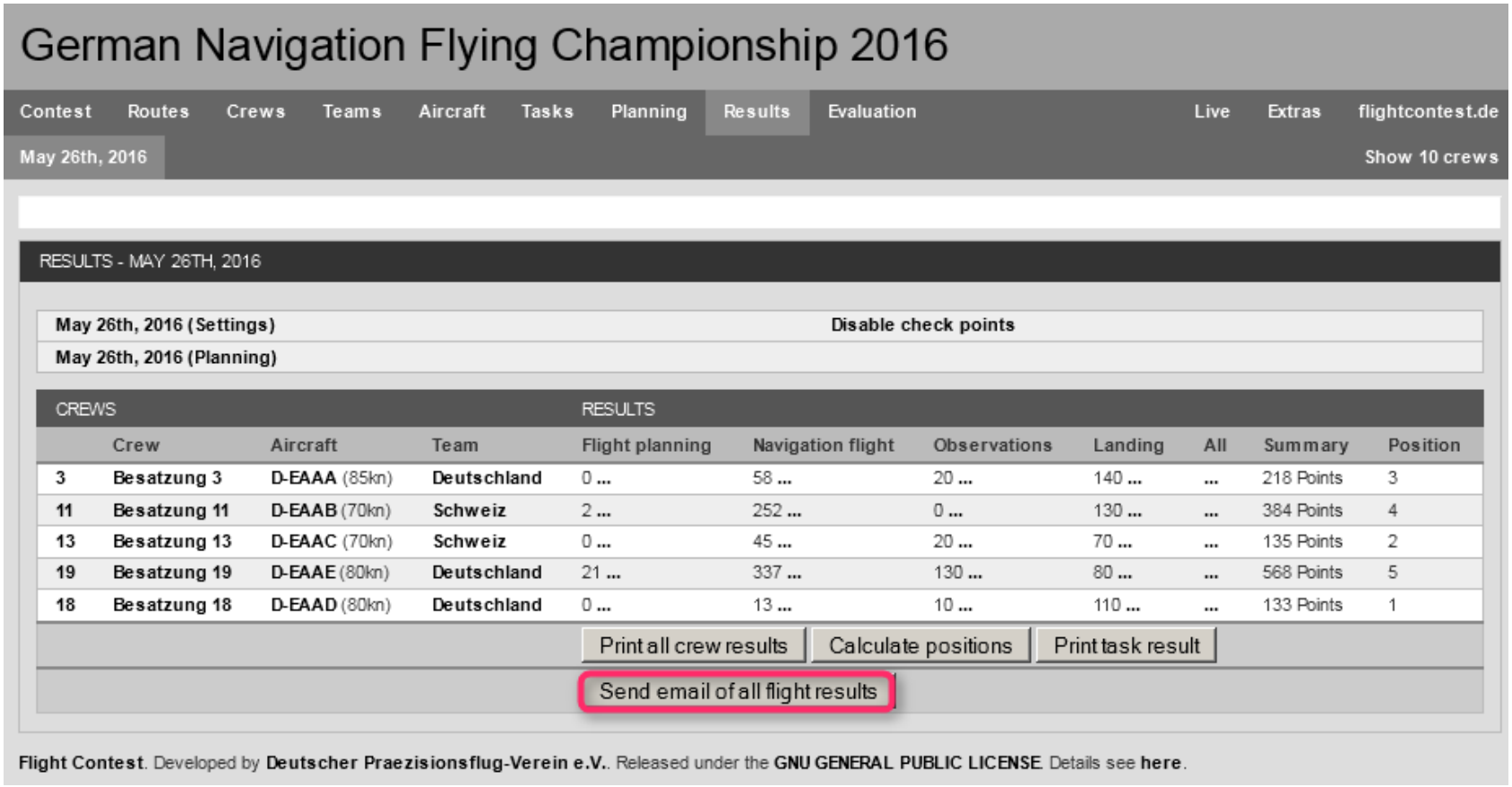
Configured e-mail sending can be tested using 'Extras -> Test email' and 'Extras -> Test FTP‘.

Flight Contest
Competition evaluation - E-mail to crews (2) - Send



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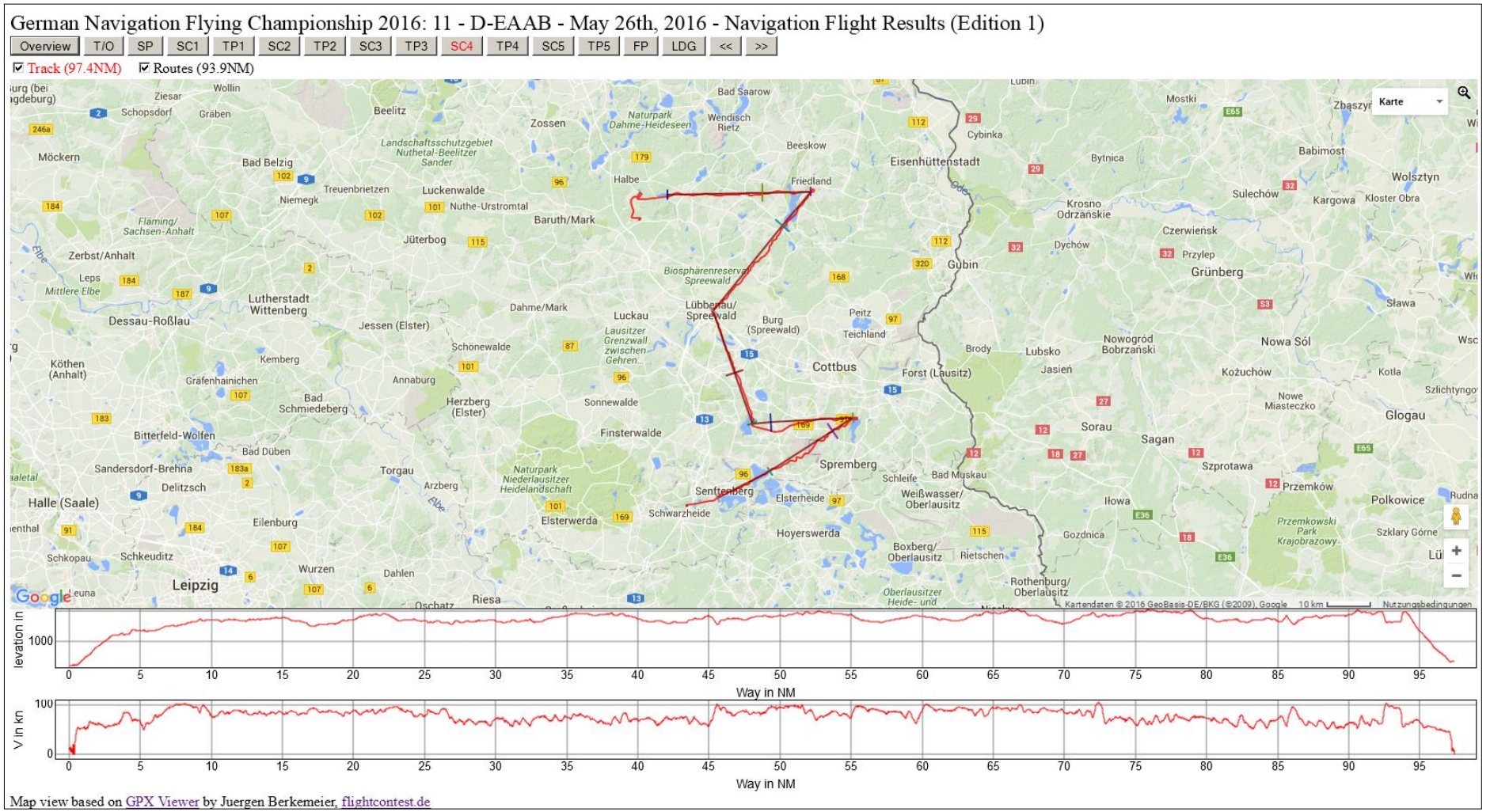
See also 'Help -> Installations-abhängige Konfiguration -> E-Mail-Versand konfigurieren' and 'Help -> Installations-abhängige Konfiguration -> FTP-Versand konfigurieren'.

Flight Contest
Competition evaluation - E-mail to crews (3)



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')

Flight Contest
Contact details

Open source project "Flight Contest"	http://flightcontest.de/
Deutscher Präzisionsflug-Verein e.V.	http://www.praeziflug.de/