

## NGC Cross Country ladder 2011

Hello everyone.



I love gliding for many reasons: The sheer beauty of life amongst the buzzards, swifts and clouds can be a big reward in itself.

“Some get their kicks from champagne,” sang Frank, but most glider pilots get kicks from flying further, higher and longer than our peers or than our own previous best. The BGA car sticker was “Glider pilots stay up longer!”

The BGA Awards system, after Bronze level gives us incentives to increase our skills with the Silver, Gold and Diamond awards which are all about further, higher and longer:

- Silver badge:
  - Distance: 50km
  - Duration: 5hr
  - Gain of height: 1,000m.
- Gold badge:
  - Distance: 300km
  - Duration: 5hr
  - Gain of height: 3,000m.
- Diamonds. There are three diamonds:
  - Diamond free distance: 500km free distance
  - Diamond goal distance: 300km to a goal
  - Diamond height: 5,000m gain of height.

COMPETITIONS, however, push us to go faster as well.

They are, in order of merit:

1. World, 2. European, 3. National, 4. Regional, 5. Inter-Club 6. Club (Task Weeks.)

Each is an event, usually a week or weekend.

LADDERS are cumulative competitions. ( In order of merit)

1. International ladder called OLC (On-Line Competition): [www.onlinecontest.org](http://www.onlinecontest.org)

2. UK National Ladder: <http://www.bgaladder.co.uk/INDEX.ASP>

3. Club Cross country Ladder: <http://www.bgaladder.co.uk/SelLadder.asp> and enter NORFOLK GC

4. Club Ladder An annual award for the best progress through the BGA awards from Solo to Diamonds.

As NGC Cross country ladder Steward, I am inviting everyone to participate in some or all of the above.

At present we have about 12 who have done regionals, at least four pilots entering National comps, and one, Tom Smith, representing the UK in International comps!

Anyone with bronze and XC endorsement can fly in the Inter club League, and with silver and an FAI comp licence, you can fly a Regional comp such as our Eastern Regionals coming up soon. Please do!

### **NGC XC Ladder**

Anyone with Silver can enter.

A logger is needed for the evidence.

A declaration is needed to validate your flight as declared, gaining extra points. Even if you do not complete a flight, you earn points.

Rules:

See the BGA Ladder rules, but those specific to Norfolk Gliding Club are:

1. Only the best scoring 6 flights in a year count.

2. Flights must be from Tibenham. Inter club competitors can also count those flights not from TIB.

3. Flights are to be calculated and posted on the National Ladder.

4. Logger files must be posted to score. The claim needs to be posted soon after flight, but logger file can be added later.

<http://www.bgaladder.co.uk/Calculator.asp>

The screenshot shows the 'National Ladder Calculator' web application. The main form is titled 'National Ladder Calculator' and includes a 'Logon' button. The user has selected 'ASTIR CS-77' as the glider and '89' as the handicap. The task is a 'Cross Country Claim' starting at 'TIB TIBENHAM' and ending at 'TIB TIBENHAM'. The task includes four turnpoints: DIS DISS, PIC PICKENHAM, NOE NORWICH EAST, and TIB TIBENHAM. The total distance is 117.0 km, and the achieved speed is 87.8 kph. The task is currently marked as 'Abandoned Leg' (unable to reach a declared turnpoint) and 'Terminated Task' (terminated due to landout or engine start). The 'Cross Country Points' section shows a total of 1161 points. The 'Height Claim' section is also visible, with a 'Height Points' field.

Turnpoint	Name	Reached TP?	Task Distance km	Scoring Distance km
Start Point	TIB TIBENHAM	<input checked="" type="checkbox"/>		
Turnpoint 1	DIS DISS	<input checked="" type="checkbox"/>	10.1	10.1
Turnpoint 2	PIC PICKENHAM	<input checked="" type="checkbox"/>	39.9	39.9
Turnpoint 3	NOE NORWICH EAST	<input checked="" type="checkbox"/>	43.8	43.8
Turnpoint 4		<input type="checkbox"/>		
Finish Point	TIB TIBENHAM	<input checked="" type="checkbox"/>	23.3	23.3
Total km			117.0	117.0

**Cross Country Points**  
 28.2%/37.6% Triangle  
 Basis FAI 28% - Shape 1.080  
 Club Task/Completed  
 Distance Points: 710  
 Speed Points: 345  
 Bonus Points: 106  
**1161**

**Height Claim**  
 Low Point: 0 feet / metres  
 High Point: 0 feet / metres  
 Height Gain: [ ]  
**Height Points**: [ ]

You will need to apply for a log-on to claim your flight and then all your flights are stored under this log on as “My Flights.”

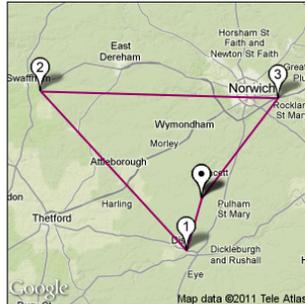
On that page you can see and access details and logs for your flights. You can also see the 3 NGC pre-declared triangles. These are 100, 200 and 300km FAI triangles.

The advantages of flying these 3 tasks are that you do not need a declaration, you can go clockwise or anti, and they earn many more points than a zig zag task, earning 108% rather than 85%.

You can also use this tool to print a task sheet before you go. The link is near the bottom as “Print Task Briefing” which gives you this next page:

**Cross Country Task Briefing Sheet**  
 www.bgaladder.co.uk Printed 07 May 2011

**Start Point** TIBENHAM  
**Task** DISS  
 PICKENHAM  
 NORWICH EAST  
**Finish Point** TIBENHAM  
**Shape** Non-convex Polygon  
**Scoring Basis** FAI 28% Triangle  
**Shape Factor** 1.080  
**Sector** FAI 90° Sectors  
**Distance** 117.0 km



	Trigraph Turnpoint BGA No.		Leg km/ Percent	Track / Bisector
<b>START</b>	<b>TIB</b> 564	<b>TIBENHAM - Clubhouse</b> 52° 27.449' N 1° 9.695' E Norfolk GC site. Clubhouse is E of airfield. P-L		
<b>TP 1</b>	<b>DIS</b> 190	<b>DISS - Rail Bridge/A1066</b> 52° 22.221' N 1° 7.241' E E of town, 12 NMI ENE of Honington airfield. P-L	<b>10.1</b> 8.6%	<b>196°</b> 347°
<b>TP 2</b>	<b>PIC</b> 436	<b>PICKENHAM - Mast</b> 52° 38.080' N 0° 43.394' E 348 ft high, 7 NMI E of Marham airfield	<b>39.9</b> 34.1%	<b>318°</b> 114°
<b>TP 3</b>	<b>NOE</b> 410	<b>NORWICH EAST - A47 Br over R Yare</b> 52° 37.417' N 1° 22.171' E E boundary of city just SW of A47 bridge on rly going E	<b>43.8</b> 37.4%	<b>91°</b> 244°
<b>FINISH</b>	<b>TIB</b> 564	<b>TIBENHAM - Clubhouse</b> 52° 27.449' N 1° 9.695' E Norfolk GC site. Clubhouse is E of airfield. P-L	<b>23.3</b> 19.9%	<b>217°</b> 37°

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The club also earns brownie points for your posting up your flights. The rest of the Gliding World can see that Tib is a good XC base and the CAA can be shown how much we get out and about on good days, so influencing air space criteria.

SO.... Please sign up to the Nat ladder and put on all your flights, NO MATTER HOW SHORT. You can earn places on the ladder by doing a Diss-Attleborough Triangle without being out of local soaring. In fact I will offer a 6 pack of beer prize this year for the best scoring TIB DIS WYM TIB flight on the ladder by any pilot who has not yet done a Gold distance.

Diamond pilots who do it can buy their own!

Happy soaring! Hoping for a great season.

Peter.

[pryland@gmail.com](mailto:pryland@gmail.com) if you need any help.