

# TDD Brief Sheet

Task Distance Duration (TDD) Competition Structure

Rev. 01 03 2026

## I. TDD Notes – Task Distance Duration

**The Task Distance Duration (TDD) competition is designed to provide a relatively easy, achievable 3-turn-point (TP) task and goal, allowing pilots to expand their individual cross-country (XC) distances depending on conditions and available time**

### Aims

- To allocate fair measured scores from a maximum of 1000 points each day.
- To create a high incentive points reward system, encouraging pilots to fully utilise the flying window and fly as far as possible while still completing the task.
- To define tasks that keep goals and the flying arena within easy retrieve distances.
- To reward individual piloting skills, decision-making, and persistence in pushing their own distances.
- To place greater emphasis on basic XC skills rather than outright speed.
- To encourage consistency, enabling more pilots to achieve the goal.
- To introduce team flying, with teams of four pilots (one discard), and aggregate scores.
- To encourage pilots to expand their XC flight distances while completing all TPs and the goal.
- To reward tenacity, flight stamina, and time management at the pilot's discretion.
- To ensure scoring does not directly measure speed to achieve the goal—there are no speed points, lead-out points, or FTV.
- To reduce start gaggle mayhem and multi-pilot gaggle numbers.
- To lessen pimping and glide trains, rewarding individual choice and decision-making.
- To allow pilots to fly as long and as far as possible within their skill level.
- To make the goal highly achievable for the majority of pilots.
- To ensure every task counts towards a pilot's aggregate overall event score.

### A. Scoring Methodology

- Scores are allocated from a maximum of 1000 points per day.
- 500 points are awarded for completing the task.
- 100 points per TP (up to a maximum of 300 points).
- 200 points for reaching the goal.
- 500 distance POINTS (or a proportional share of furthest distance flown) for distance points scored on a completed or uncompleted task.
- The pilot who flies the greatest distance within the time parameters, achieves all turn-points, and reaches the goal, receives 1000 points for the day.

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- Goal bonus (200 points) is only given to pilots who land their completed flight within the radius of the designated goal cylinder.
- Pilots may fly through the TP radii in any order.
- No speed points, lead-out points, or FTV are awarded.

## B. Task Setting

- The organisation chooses the three turn-points with cylinder radii and Goal.
- Large radii turn-points are recommended so the minimum optimised distance can be covered easily by most pilots.
- The goal is recommended to have a 500m radius at a known, designated, easy retrieve landing zone (LZ).
- The designated goal should be within easy retrieve distances from the main organisation.

## C. Flying Window and Duration

- Open window and land-by time are set as long as possible to allow for maximum flying window in prevailing conditions.
- Typical window is 11am open, 6pm close, giving pilots the opportunity to fly anytime during the window to maximise distance.
- Repeat or re-flights within the flying period are allowed.

## D. Safety and Task Design

- Tasks are designed on instruments and participants are provided with QR code, Xctsk, or task code.
- The MD maintains full safety communications and control, with the ability to hold launch or stop a task if conditions become dangerous, unsuitable, or deteriorate.
- Tasks avoid all known restricted airspace and dangerous fly zones. In stronger winds, cross-downwind zig-zag routes may be introduced to maintain reasonable minimal distance.
- Several pre-determined routes and turn-points are established, specific to event fly-zones and sites, each designed around typical prevailing weather conditions for training and familiarity purposes.

## E. Scoring Procedure

- Pilots are required to download their IGC file to their own Xcontest listing and report their Xcontest points and TPs/goal covered.
- Distance is calculated from the Xcontest points value, which is the distance over three points or includes multipliers for flat triangles and FAI triangles.
- Use of the Air3 designed scoring methodology or a simple spreadsheet scoring system is based on honesty and Xcontest points for distance.

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## Tasking Example

### XCTrack competition task information

File name: deko  
Created: 2026-02-28 02:05:57 UTC  
Author: berfon  
Start type: Race  
SSS Open: 01:00 (UTC)  
Goal type: CYLINDER  
Task deadline: 07:00 (UTC)  
Earth model: WGS84 ellipsoid  
Task distance: 64.4km (through centers)  
21.2km (optimized)



Scan this code to XCTrack navigation  
Task code: **deko** (valid for 1 month)

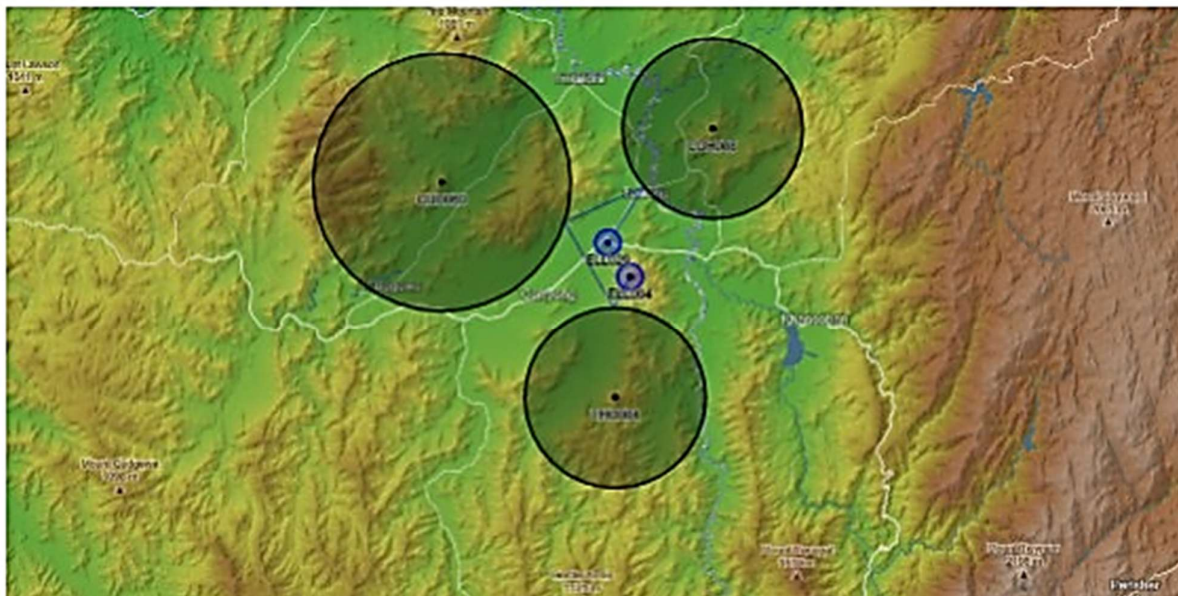
[Download task](#)



Version: V2Z

### Turnpoints

#	Name	Altitude	Radius (m)	Distance (km)	Optimized (km)	Type
1	ELL094	940m	0	0.0	0.0	Takeoff
2	ELL094	940m	1000	0.0	1.0	SSS
3	THO084	840m	7000	9.5	2.7	
4	CUD060	600m	10000	30.9	10.3	
5	LGH068	680m	7000	52.4	17.1	
6	ELL029	290m	1000	64.4	21.2	ESS, Goal



### Note:

Start should be Launch with defined radius (eg 1km)

3 Tpts with defined radii creating a short achievable task from which pilots extend their XC distances.

Goal . Recommended 1 Km radius. Pilots must land at Goal to gain Goal bonus.

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## Scores Sheet:

TDD		TASK DISTANCE DURATION							
Venue	Mt Elliot Australia	<i>Designed by Dave Swales OPENLY PARALLELING</i>							
Date	28/02/2026	Testing piloting tenacity and XC skills within a tasking environment. Make the minimum course whilst expanding your XC to make the most of your flying day...							
Task No	1	TEST TASK....	GatesOpen	Goal by time	Completed MAX DIST	Pilots Completing TASK			
TaskDescription		3 Tp. Goal Min Dist @ 21km	12:00	18:00	<b>73.23</b>	22			
TASK LOAD HERE	<a href="https://tools.xcontest.org/xctsk/load?taskCode=deko">https://tools.xcontest.org/xctsk/load?taskCode=deko</a>				As DECLARED / or surmised				

AS LISTED XCONTEST									% of	Dist	Total
					Goal	Xconest	Max	Points	Dist	Points	Pts
						Pts	Dist	/500		Sored	
28.02.26 13:23	AUNorbert Krause	AUMt Elliot ✓	52.30 km	73.23 p.	100.0	73.23	100.0	500.0	100.0	500.0	1000.0
28.02.26 13:24	NZGreg Ellis	AUMt Elliot ✓	42.43 km	59.4 p.	100.0	59.4	81.1	405.6	81.1	405.6	905.6
28.02.26 13:29	BEBertrand Fontaine	AUMt Elliot ✓	39.66 km	55.52 p.	100.0	55.52	75.8	379.1	75.8	379.1	879.1
28.02.26 13:29	BEAnatole Fontaine	AUMt Elliot ✓	37.18 km	52.05 p.	100.0	52.05	71.1	355.4	71.1	355.4	855.4
28.02.26 13:23	NZEmlyn Revelt-Nash	AUMt Elliot ✓	36.34 km	50.88 p.	100.0	50.88	69.5	347.4	69.5	347.4	847.4
28.02.26 14:06	PLDawid W.	AUMt Elliot ✓	31.55 km	50.48 p.	100.0	50.48	68.9	344.7	68.9	344.7	844.7
28.02.26 13:27	DEFainer Baumgartner	AUMt Elliot ✓	31.17 km	43.64 p.	100.0	43.64	59.6	298.0	59.6	298.0	798.0
28.02.26 13:48	AURandson O'Donnell	AUMt Elliot ✓	36.11 km	43.34 p.	100.0	43.34	59.2	295.9	59.2	295.9	795.9
28.02.26 14:08	AUDan Goddard	AUMt Elliot ✓	35.92 km	43.11 p.	100.0	43.11	58.9	294.3	58.9	294.3	794.3
28.02.26 13:34	NZEvan Lamberton	AUMt Elliot ✓	34.80 km	41.76 p.	100.0	41.76	57.0	285.1	57.0	285.1	785.1
28.02.26 14:03	NZStephen Scott	AUMt Elliot ✓	25.01 km	40.02 p.	100.0	40.02	54.6	273.2	54.6	273.2	773.2
28.02.26 13:06	AUTim Marshall	AUMt Elliot ✓	55.47 km	66.56 p.	100.0	66.56	90.9	454.5	90.9	454.5	754.5
28.02.26 13:13	AUHarry Davies	AUMt Elliot ✓	56.89 km	79.65 p.	100.0	79.65	108.8	543.8	108.8	543.8	743.8
28.02.26 13:25	AUGavin Hanlon	AUCorvong Mt. X	56.83 km	79.56 p.	100.0	79.56	108.6	543.2	108.6	543.2	743.2
28.02.26 14:07	AUCameron Lawrence	AUMt Elliot ✓	23.55 km	32.97 p.	100.0	32.97	45.0	225.1	45.0	225.1	725.1
28.02.26 13:45	AURodger KERR	AUMt Elliot ✓	27.95 km	27.95 p.	100.0	27.95	38.2	190.8	38.2	190.8	690.8
28.02.26 13:36	AUSteve Cayte	AUMt Elliot ✓	59.15 km	70.98 p.	100.0	70.98	96.9	484.6	96.9	484.6	684.6
28.02.26 13:29	EIarno Ora	AUMt Elliot ✓	18.64 km	26.09 p.	100.0	26.09	35.6	178.1	35.6	178.1	678.1
28.02.26 13:23	NZJames Gibson	AUMt Elliot ✓	42.59 km	51.1 p.	100.0	51.1	69.8	348.9	69.8	348.9	648.9
28.02.26 13:26	TWGrace I. • • I Ting	AUMt Elliot ✓	19.80 km	27.72 p.	100.0	27.72	37.9	189.3	37.9	189.3	589.3

The above table allocates scores according to turn-point and goal bonuses, plus XC distance points scored relative % of 500 pts of the highest achieved task distance points.

The scoring methodology encourages task completion and further rewards pilots who cover considerable distance and all TPs or goal. A pilot who extends to achieve a flat or FAI triangle will also benefit.

Each pilot is required to upload their IGC file to their own Xcontest count. They then inform scoring of TPs/goal covered with Xcontest points.

Note: a more automated scoring system designed by Air3 is in development. This system will follow all the above scoring parameters.

END.