Tisdale Aviation Assn/COPA Flight #93 Air Rally, 16 July 2011

The Rally Route

There are five main legs to the rally plus a short, start- positioning leg and a finish to home leg.

Leg 1

Start at the large Viterra Inland Grain Terminal one nautical mile east of the town of Tisdale on the CNR rail line. The start is known as Waypoint 1. N52°51'14" W104°00'14"

Waypoint 2 is a village at: N52°36'70" W103°23'57"

Leg 2

From Waypoint 2 track to Waypoint 3, a camp, on a track of 169° M for 14 NM.

Leg 3

From Waypoint 3 track to Waypoint 4, a major structure, 1 NM SSE of the village of McKague.

Leg 4

From Waypoint 4 track to Waypoint 5, a village, bearing 356° T at 10 NM from the centre of the Naicam airport.

Leg 5

From Waypoint 5 track to Waypoint 6, a farm, on a track of 012° M until intercepting a point 004°T at 1.6nm from the 490 foot tall television tower that is right of the track.

Return to Tisdale. For runway 14 fly overhead before joining the left hand circuit or for runway 32 join downwind for the left hand circuit.

Return to the ramp and refuel. Return maps, answer sheet and SOS envelop to operations desk. They will be returned to you after scoring.

Fly Safely.

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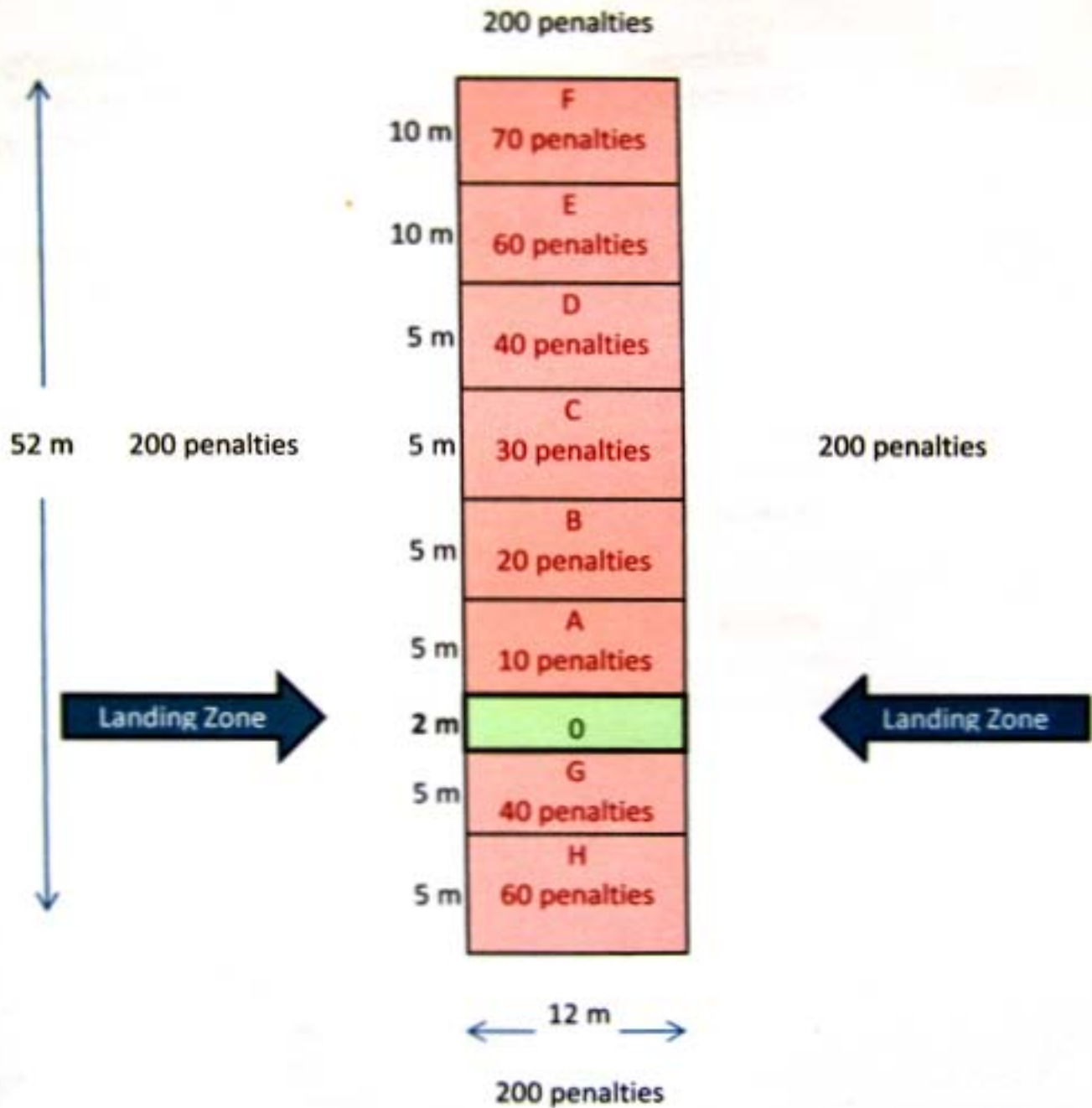Plot the 12 Rally Pictures on the 1/250,000 map with a dot at the end of a line labelled with the picture number. i.e. •———— 5

The Rally Questions: Penalties for incorrect answers at the end of each answer space.

1. What is the name of the town at Waypoint 2? _____ 10

2. What is the large structure on the east side of the sports field at Waypoint 3?
   _____ 10

3. What is the major structure at Waypoint 4? _____ 10

4. What is the height of the 4 towers in picture 12? _____AGL_____ASL 20

5. What is the name of the town at Waypoint 5? _____ 10

6. What are the names of the two aviation hazards to the right of track between Kinloch and Nobleville?_____, _____ _____ 20

7. What colour are the major buildings at waypoint 6? _____ 10

8. What is the name of the town in picture 2? _____ 10

9. What is the name of the lake just south of waypoint 3? _____ 10

10. What is the highest point on leg 1 within 2 nautical miles of track? _____ASL 10

11. What is the height of the Naicam Airport? _____ASL 10

12. What is the Maximum Elevation Figure (MEF) in the quadrangle containing

    Waypoint 3?_____ 10

13. What how many buildings are at the SW corner of Highway 3 and the Star City Road?
    _____ 10

14. When 9.5 nm from waypoint 4 along track to waypoint 5 what is just to the left of track? _____ 10

15. When passing longitude 104° 28' prior to waypoint 5 what is to the left of track that is white? What is out front?_____, _____ 20

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Competition Landing Field

200 penalties

10 m	**F** — 70 penalties
10 m	**E** — 60 penalties
5 m	**D** — 40 penalties
5 m	**C** — 30 penalties
5 m	**B** — 20 penalties
5 m	**A** — 10 penalties
2 m	**0**
5 m	**G** — 40 penalties
5 m	**H** — 60 penalties

52 m — 200 penalties

200 penalties

Landing Zone → ← Landing Zone

← 12 m →

200 penalties

Passing take off time gate:
Take off time +/- 60 seconds	0 penalties
Advance/delay 3 penalties per second max.	200 penalties

Time test:
Overhead or abeam downwind at given time +/-30 sec	0 penalties
More than +/-2 sec advance/delay per second	2 penalties

Observation test:
Photos and plotting each correct identification
Within 1 sm of actual position	0 penalties
> 1 sm to 2 sm	20 penalties
Not observed	40 penalties
Incorrect or outside limit	80 penalties

Photos at checkpoints, each:
Correct identification	0 penalties
Not observed	50 penalties
Incorrect identification	100 penalties

Landing test
White line	0 penalties
Area "A"	10 penalties
Area "B"	20 penalties
Area "C"	30 penalties
Area "D"	40 penalties
Area "E"	60 penalties
Area "F"	70 penalties
Area "G"	40 penalties
Area "H"	60 penalties
Landing out of landing box or rolling out of box (left/right)	200 penalties
Applying power after touchdown, within the landing box,	50 penalties
Go around without touching ground (if unnecessary)	200 penalties
Go around instead of full stop	200 penalties
Abnormal landing (i.e. landing on nose wheel first)	150 penalties
Penalties for abnormal landings will be given in addition to other landing penalties; however, the maximum per landing will be	300 penalties

Fuel test:

Within 1 litre	0 penalties
>1 litre to 4 litres per half litre	10 penalties
>4 litres per half litre	20 penalties

General:

Infringement of safety and flight rules	600 penalties
Flying below the minimum prescribed altitude	200 penalties
Failing to follow scrupulously the prescribed instructions	200 penalties
Opening SOS envelope	100 penalties
Not monitoring a prescribed frequency	200 penalties
Failure to make mandatory radio calls in the circuit	100 penalties