

Sky Dream 2025 Inter-School Aviation Competition Rules

Organizer

Main: Sky Dream

Supporting: St. Stephen's Church College, CnTech Co., Ltd

Eligibility

Secondary School: a team of 4 students ranging from F.1 to F.6 (or Year)

Primary School: a team of 4 students ranging from P.1 to P.6 (or Year)

Entry Process

Online registration

Timeline

	Date / Period
Online Registration Deadline	31 March 2025
Competition Briefing & Workshop	9 November 2024 7 December 2024 18 January 2025
Competition Preparation Program	Sep 2024 - May 2025
Preliminary Stage	3 May 2025
Final Stage	28 June 2025

Preliminary Stage Details

Venue: St. Stephen's Church College

Each school can participate with two teams, with immediate confirmation. In the event that more than two teams apply, their participation will be subject to confirmation at a later stage.

Participants will be assessed equally in 2 parts:

- Part 1: Aeronautical Theory Test (50%)
- Part 2: Flight Simulator Test (50%)

A score (max. 100) will be given for each part based on the performance of each team.

The two scores will be added together to get a combined score.

The eight teams from each group that have the highest total score will advance to the final stage.

Part 1: Aeronautical Theory Test

Rules and regulations:

1. Each team will conduct the Aeronautical Theory Test with a group of 4 students.
2. The Aeronautical Theory Test will be conducted using a multiple-choice question format.
3. The Aeronautical Theory Test will be written in both English and Traditional Chinese.
4. The Aeronautical Theory Test is a close-book test.

Part 2: Flight Simulator Test

Rules and regulations:

1. Each team will conduct the Flight Simulator Test in two groups, with 2 students in each group.
2. Each team shall consist of one pilot responsible for flying and one pilot designated for monitoring.
3. Each team will utilize the Sky Dream C172 flight simulator to conduct the test.
4. Sky Dream will select two specific maneuvers as the designated testing items.
5. Each team can only perform each maneuver once, without pause in between.

Please refer to the appendix for the Rating criteria.

Final Stage Details

Venue: St. Stephen's Church College

Selection Process: TBC

Prizes:

The winning team will be awarded a one-hour simulator training session on a B737 or C919, taught by a professional airline pilot.

Awards:

Aeronautical Theory Test Winner
Aeronautical Theory Test 1st Runner-up
Aeronautical Theory Test 2nd Runner-up
Aeronautical Theory Test 3rd Runner-up

Flight Simulator Test Winner
Flight Simulator Test 1st Runner-up
Flight Simulator Test 2nd Runner-up
Flight Simulator Test 3rd Runner-up

Sky Dream 2025 Inter-School Aviation Competition Winner
Sky Dream 2025 Inter-School Aviation Competition 1st Runner-up
Sky Dream 2025 Inter-School Aviation Competition 2nd Runner-up
Sky Dream 2025 Inter-School Aviation Competition 3rd Runner-up

Best Pilot Flying Award
Best Pilot Monitoring Award

Appendix

Score Section	Description	Score	Assess Area				Section Total	
			Accuracy	Procedure	Communication (Readback)	PM Job (set target before action)		
Maneuver (2 out of 3)	Climb & Descent (Time: ~5min)	5	> 200 ft	2+ mistakes	2+ mistakes	2+ mistakes	200	
		15	within 200 ft	1 mistake	1 mistake	1 mistake		
		25	within 100 ft	No mistake	No mistake	No mistake		
		Maneuver Max Score: 100						
	Turning (Time: ~5min)	5	> 10 deg	at Target	2+ mistakes	2+ mistakes		
		15	< 10 deg	In between	1 mistake	1 mistake		
		25	< 5 deg	"Target - Bank angle"	No mistake	No mistake		
		Maneuver Max Score: 100						
	Speed control (Time: ~5min)	5	> 10 kts	2+ mistakes	2+ mistakes	2+ mistakes		
		15	< 10 kts	1 mistake	1 mistake	1 mistake		
		25	< 5 kts	No mistake	No mistake	No mistake		
		Maneuver Max Score: 100						
	Extra Accuracy	Climb: Heading Accuracy	0	> 10 deg				50
			25	< 10 deg				
			50	< 5 deg				
Speed / Turn: Altitude		0	> 200 ft			50		
		25	within 200 ft					
		50	within 100 ft					