FREESKI SKISERVICE

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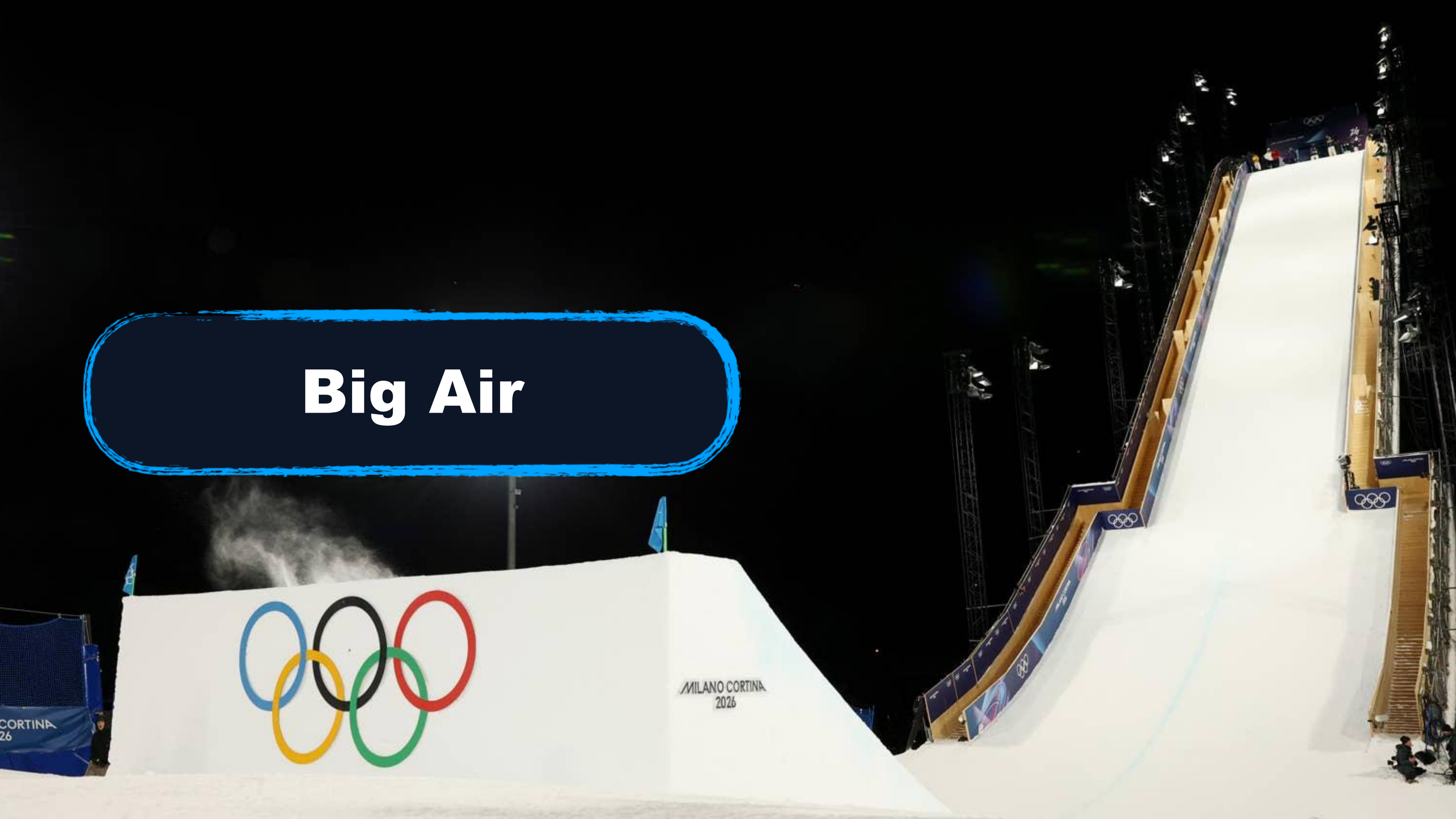
FREESKI SKISERVICE

1. BIG AIR & SLOPESTYLE
2. SKI SERVICE
3. WHY IS SPEED IMPORTANT?
4. WHAT AFFECTS SPEED?



Big Air

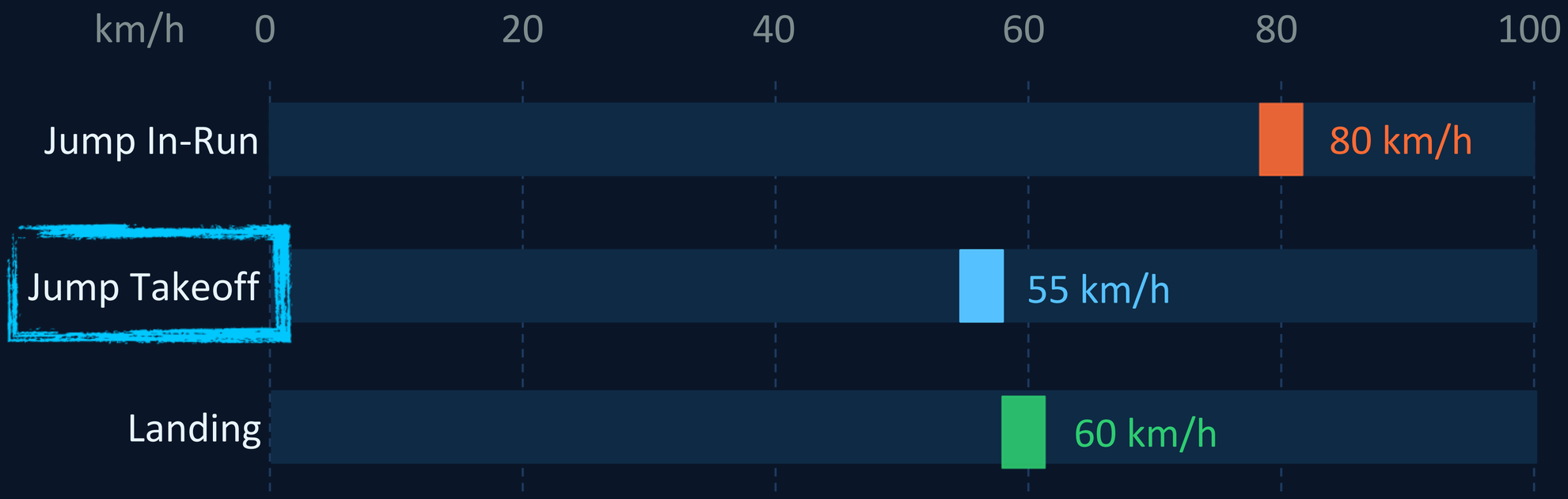

MEN'S FREESKI BIG AIR - QUAL. RUN 2
IN-RUN 52.0KM/H
LANDING 59.3KM/H
JUMP HEIGHT 6.6M
JUMP DISTANCE 28.5M
AIR TIME 2.3SEC

Big Air

Milano-Cortina 2026 Big Air

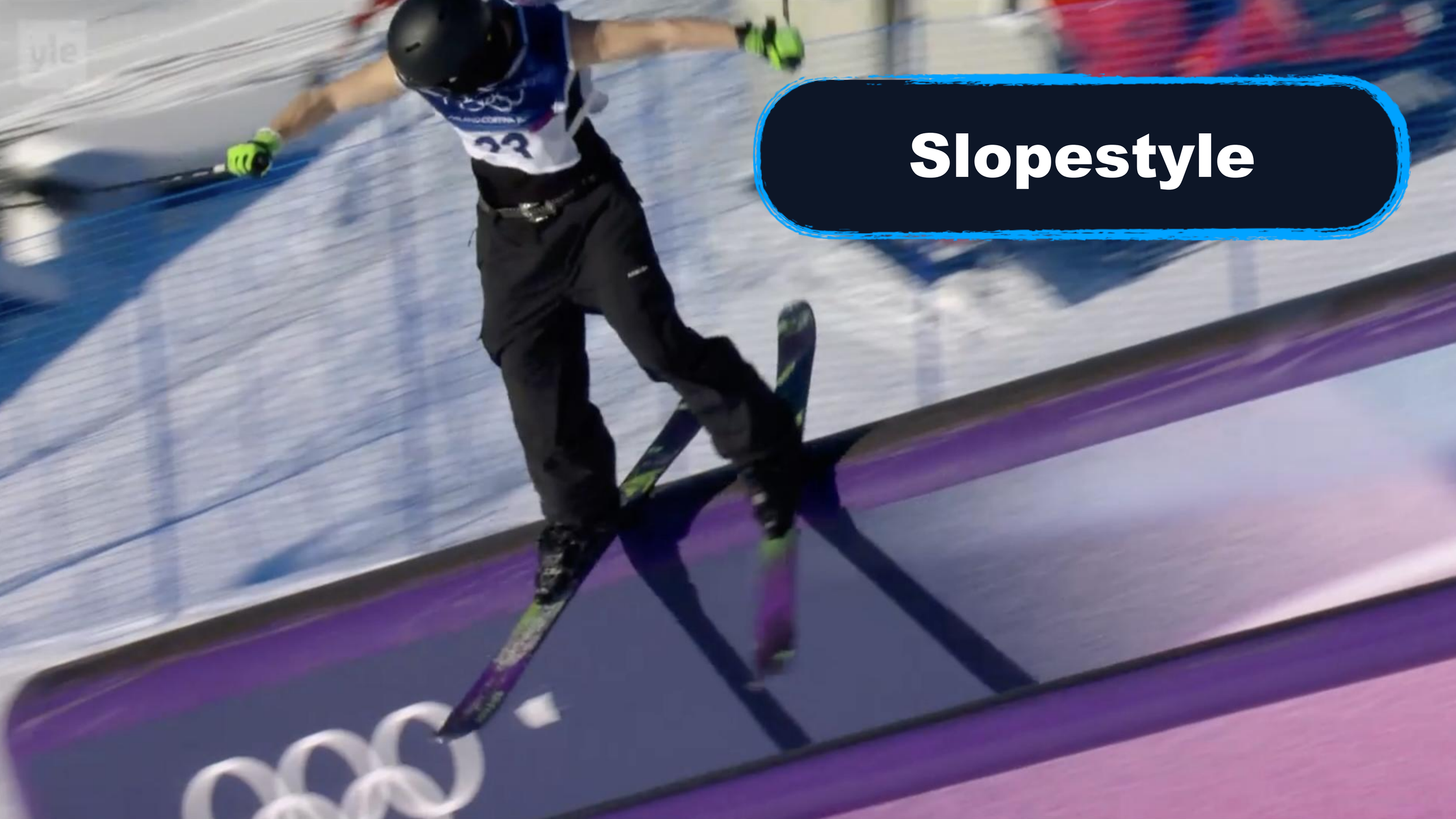
- In-Run angle 35-40°
- Table length ~18m
- Kicker height 5m
- Air height ~5m / 20m
- Jump distance ~30m
- Air time ~2s

Optimal speed to hit the sweet spot



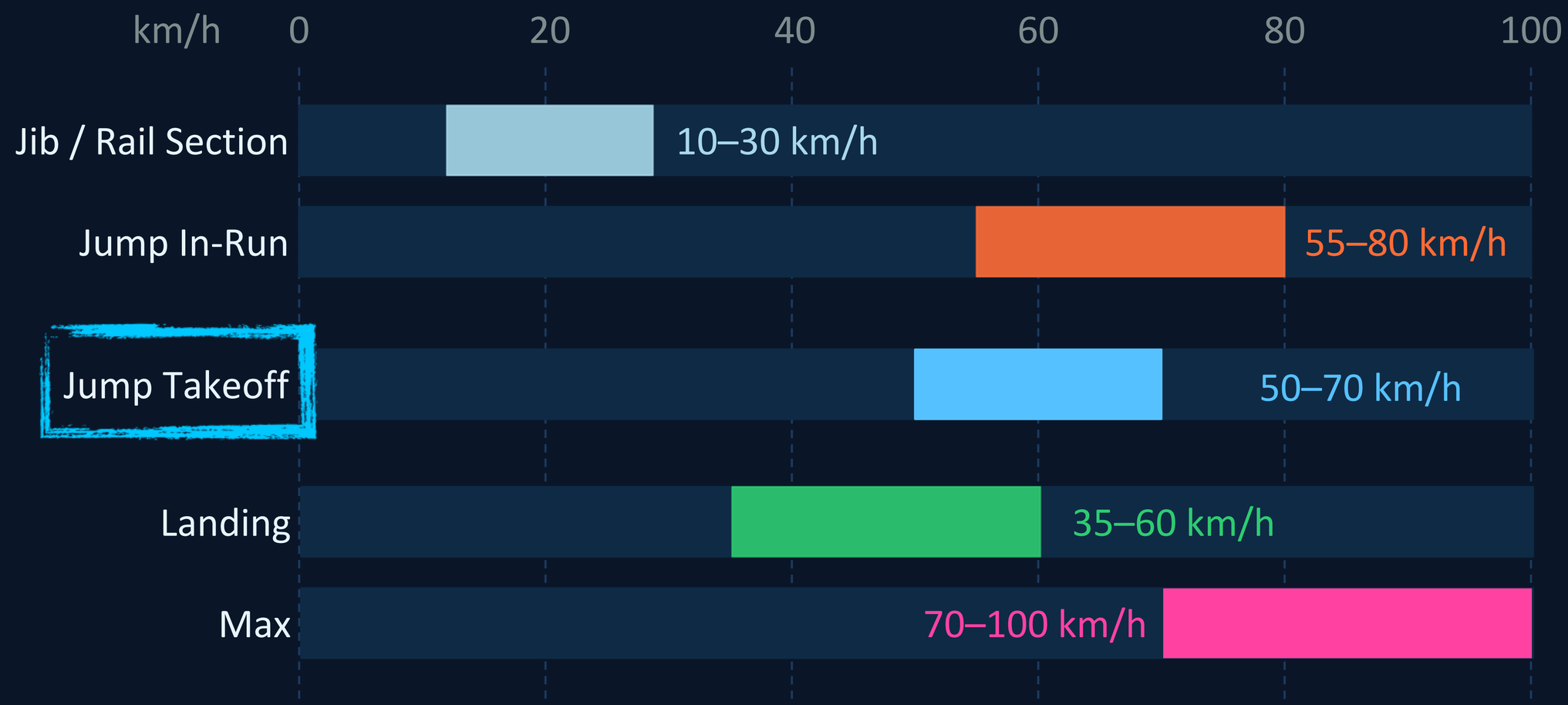

Slopestyle


MEN'S FREESKI SLOPESTYLE - QUAL. RUN 2
HALTI
HALTI


Slopestyle

Slopestyle SPEEDS

Slopestyle speed by course phase



SKI SERVICE

1. **SKI BASE SRUCTURES**
2. RAILWAX CLEANING
3. EDGES (sharp or dull)
4. FIXING DAMAGES
5. BASE PREP & WAXING
6. DURING EVENT

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6. **DURING EVENT**

SKI SERVICE

6. DURING EVENT

- **Maintain good glide:**

  Brushing to remove extra wax, dirt and railwax

- **Reacting to weather:**

  Changes in temperature, humidity

  Rain / Snowfall

Why is SPEED important?

FREESKI

- Is about creativity, style, and acrobatics
- Scored by judges
- No timing

Why is SPEED important?

1. SAFETY - Minimum speed to reach landing?
2. AIR TIME - How much time to make your trick?
3. GOING BIGGER - More points?

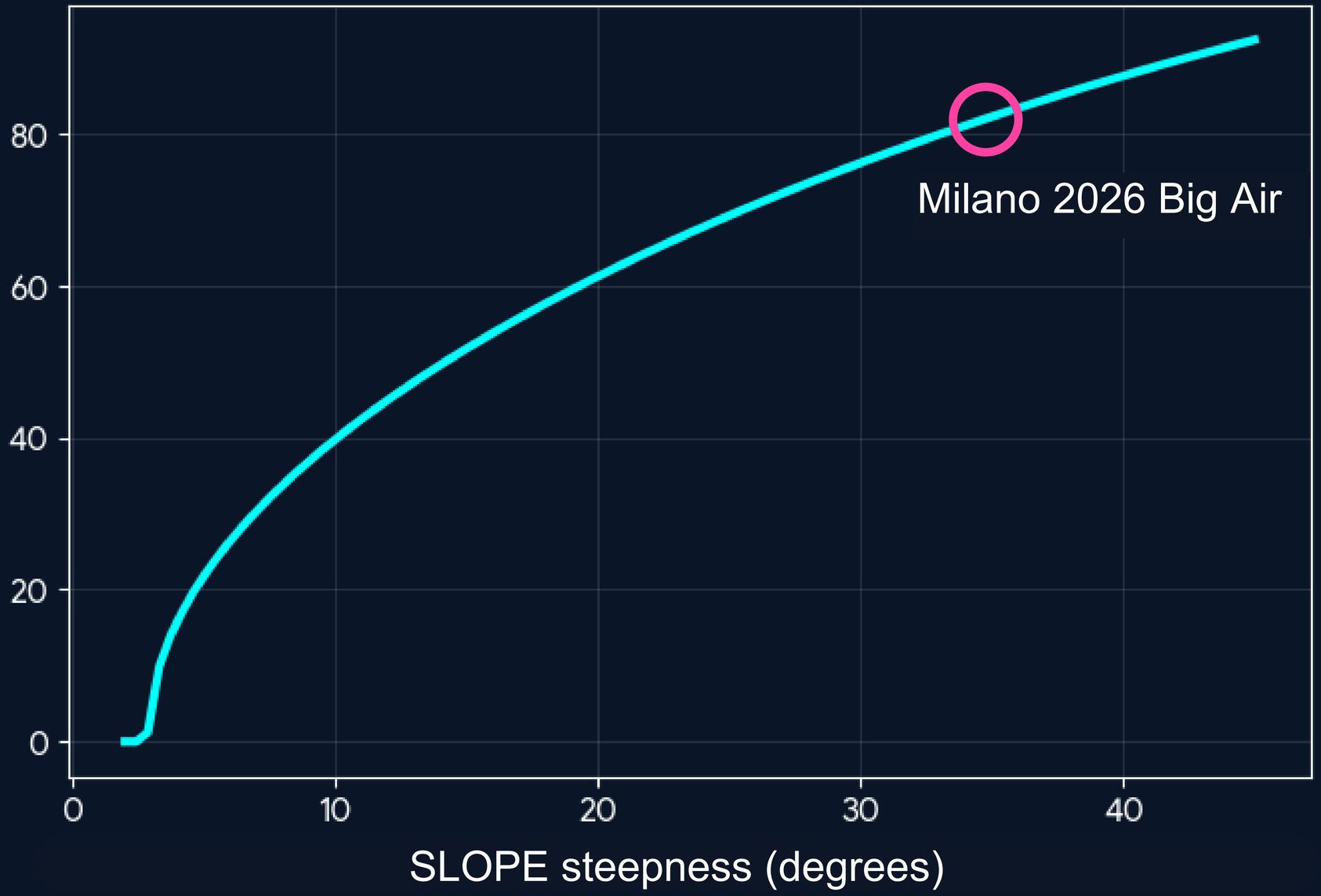
What affects SPEED?

	FORCE	EFFECT	
A. PROFILE - Slope steepness & park features.	**GRAVITY**	ACCELERATE	
B. AERO - Aerodynamics from speed & wind.	**DRAG**	DECELERATE	
C. GLIDE - Skis base structure and wax.	**FRICTION**	DECELERATE	

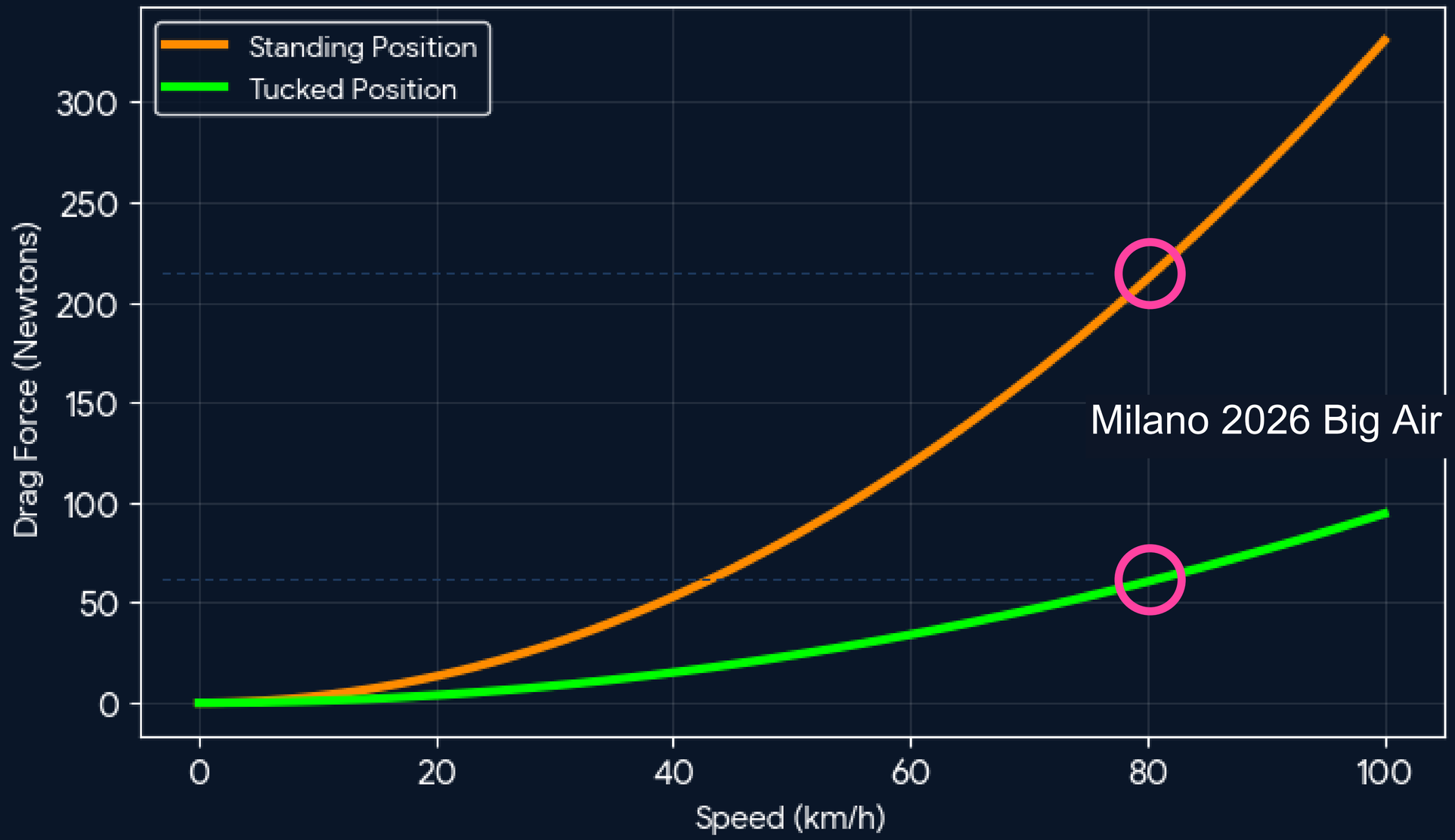
PROFILE & ACCELERATION

SPEED (Km/h)

after 50 meters



DRAG & DECELERATION



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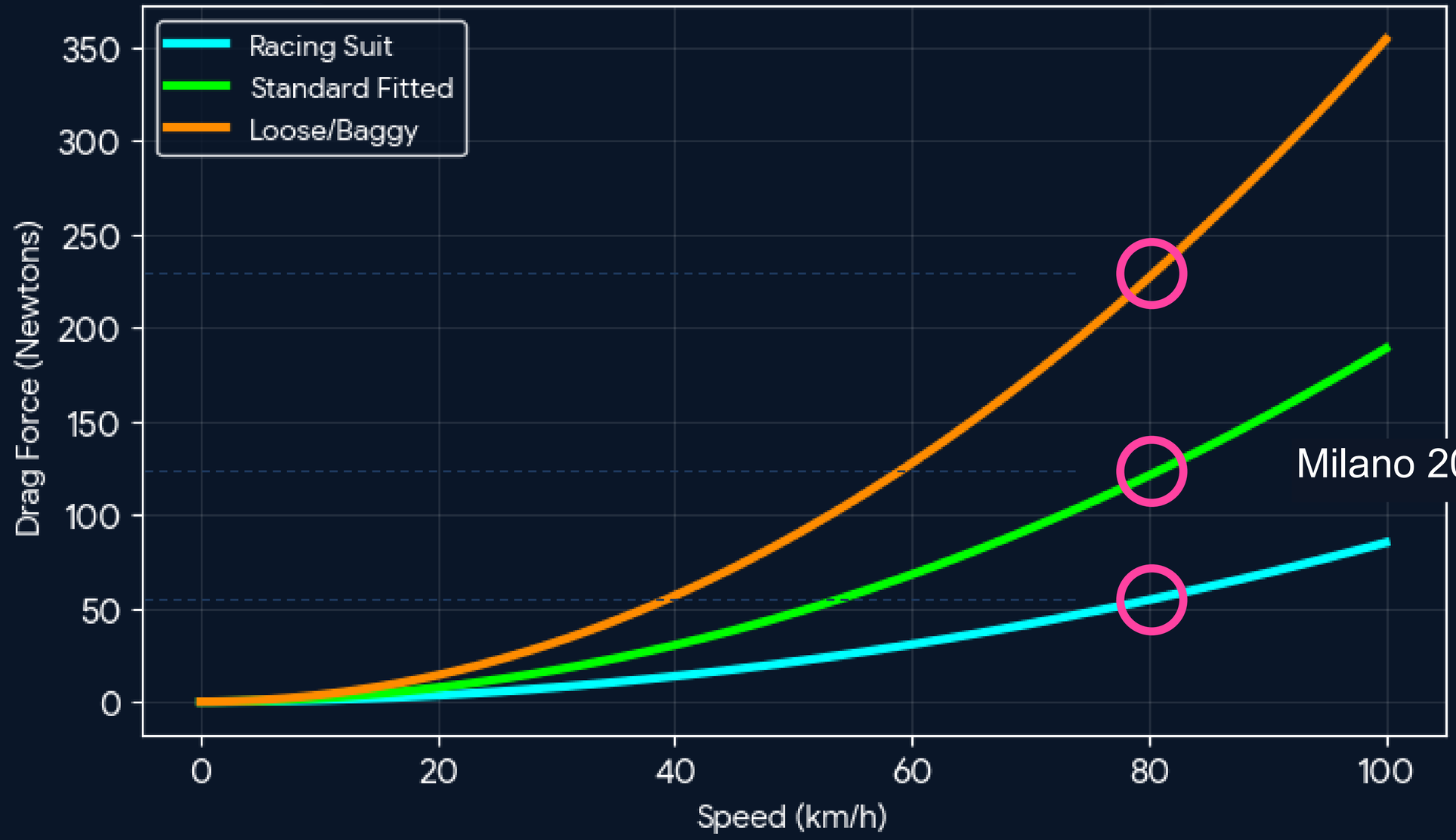
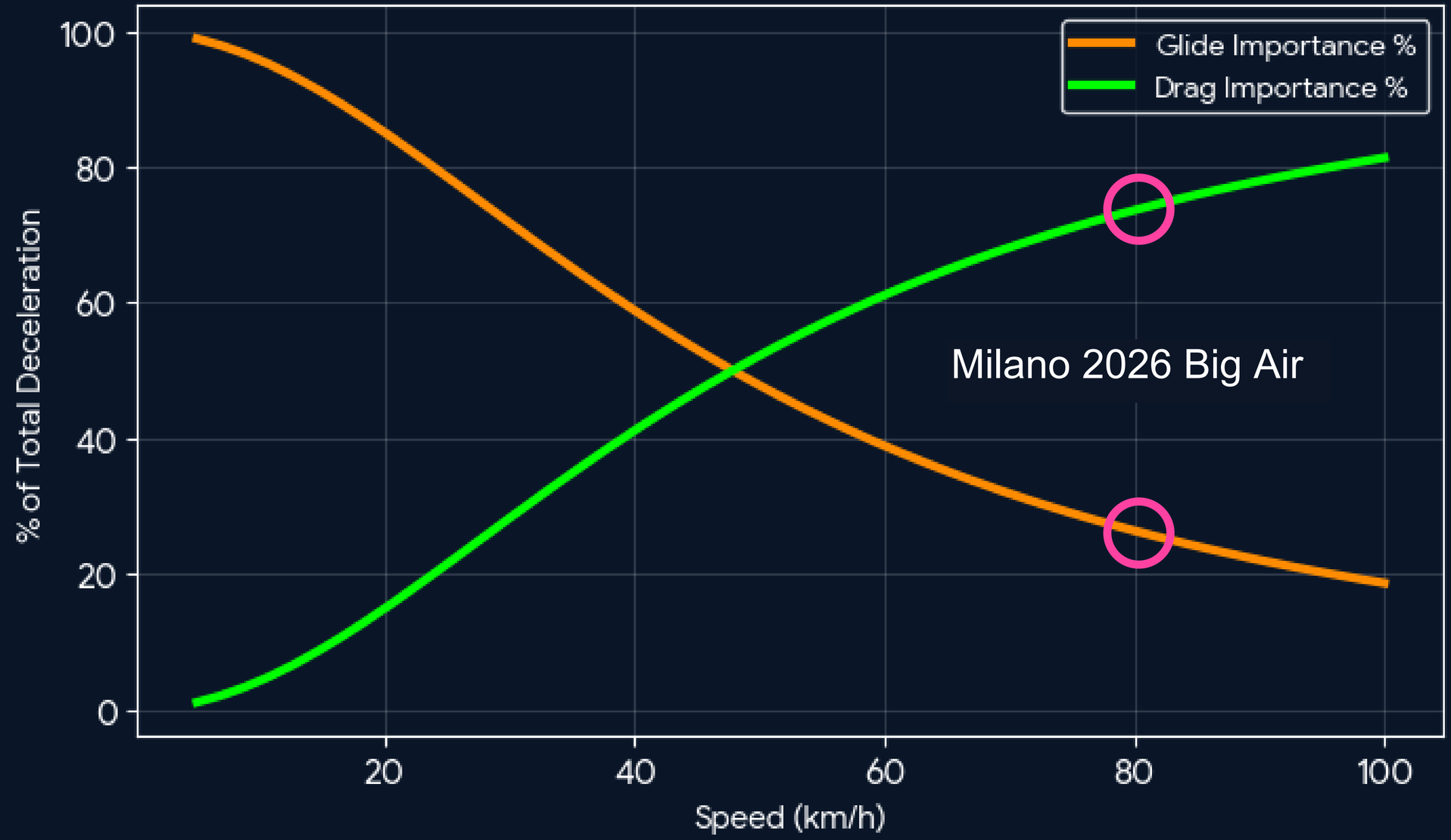


Milano 2026 Big Air

DRAG & DECELERATION

GLIDE vs DRAG



MANAGING SPEED?

	MANAGEABLE		
	YES	NO	
A. PROFILE - Slope steepness & park features. (GRAVITY)		●	Park Designer
B. AERO - Aerodynamics from speed & wind. (DRAG)	●		Skier
C. GLIDE - Skis base structure and wax. (FRICTION)	●		Wax Tech
WEATHER - Snow conditions and wind directions.		●	Zeus, Jupiter & Thor

CHALLENGING COMBINATIONS

There can be only one

MANAGEABLE	YES	NO
A. PROFILE		●
B. AERO	●	
C. GLIDE	●