



職場英文成大南工飛修科

November 13 2025

Workplace English
Co-Learning Class



產業直通車， 職涯先起跑

Hands-on industry experience
makes students job-ready.

協力成長，屢 創佳績

Students gain skills and win
awards through teamwork
and projects.



捷運藍線預計 2032年完工



名師領航，專 業起飛

From theory to practice,
students develop professional
competence.



動手實作，技 藝精進

Practical courses help students
gain solid aircraft skills.



情境規劃 ✓

模擬飛機技術人員進行一般維修檢查，由機師協助模擬操作時現象，用基礎專業英文下達指令與互動，完成檢修。

能力訓練 ✓

能依檢修程序正確執行操作面檢查，運用專業英文進行回報與協作，提升實務溝通與問題處理能力。



課程重點

了解飛機操作面構造、功能與飛行姿態及能以英文進行維修檢查對話。



Are you ready?



Aircraft Control Surface

Click on the screen to watch the video





1. What does the aileron do on an airplane?

3. Which part moves the nose left or right?





飛機操控面字彙

aircraft control surfaces



aileron 副翼



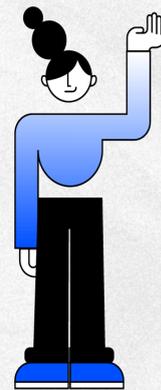
flap 襟翼



rudder 方向舵



elevator 升降舵



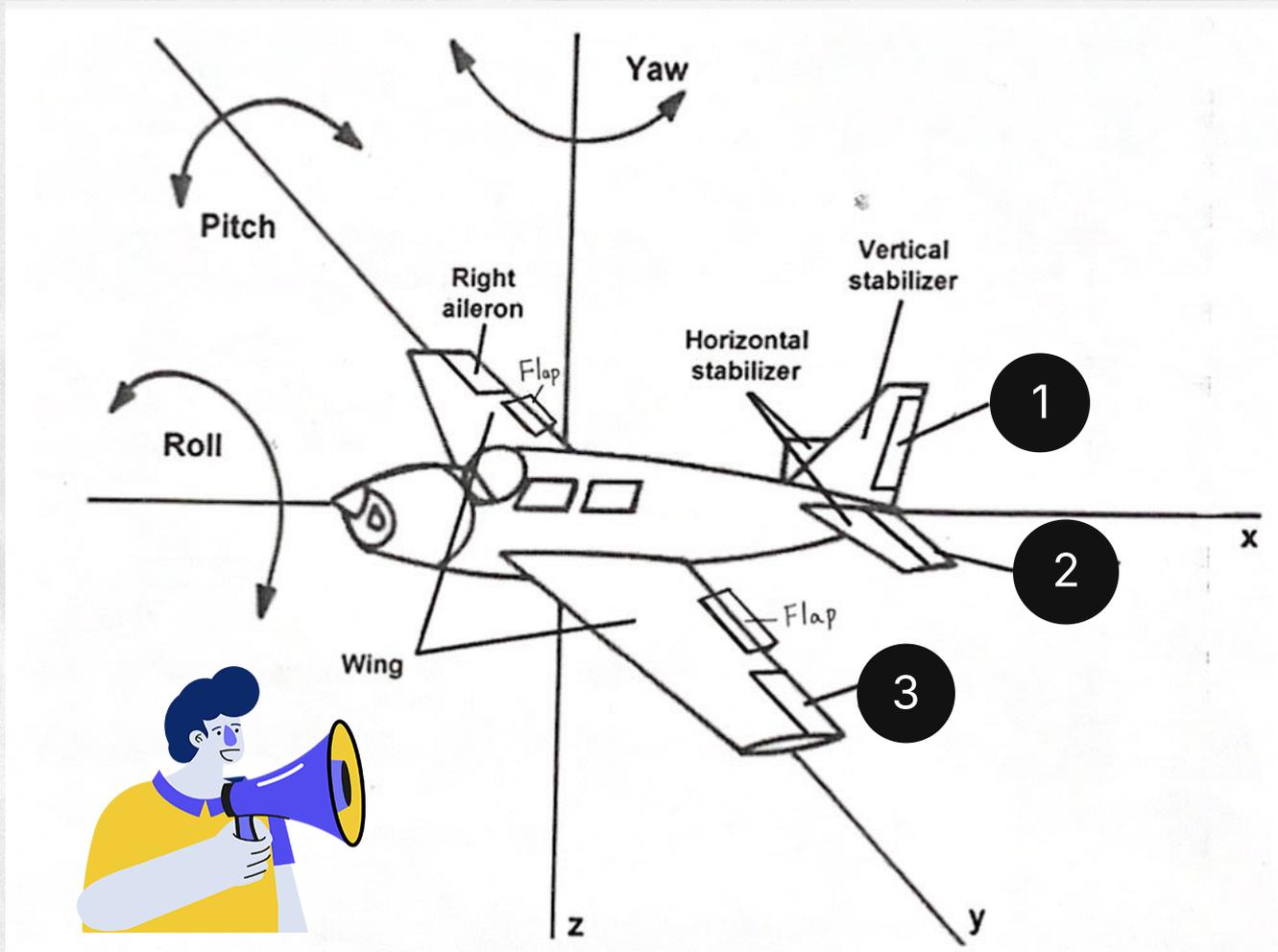
horizontal stabilizer
水平安定面



飛機操控面字彙複習



方向舵



1. Which of the following is the rudder?



2. Which control surface movement causes the aircraft to pitch?

elevator

aileron

horizontal stabilizer

課堂測驗



3. Flaps are located near the tips of the wings.

True

4. The horizontal stabilizer helps keep the airplane stable in the air.

True

5. The elevator moves the airplane's nose up or down.

True



飛機操控面檢查和測試基本句型

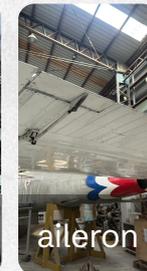
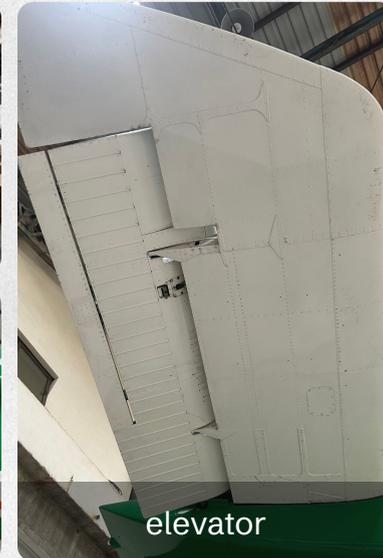


詢問與觀察

I'll stand by the ___ and observe.

I'm observing from behind the ___.

Where is the ___ located on the aircraft?





飛機操控面檢查和測試基本句型



下達指令

Please move the control stick fully to the ____.

Please push the control stick fully ____.

Please press the ____ rudder pedal.



飛機操控面檢查和測試基本句型



回報動作

The ___ movement is smooth, no delay observed.

The ___ response is normal — no binding or hesitation.

The ___ deflects to the left/right, movement is consistent.



flap

飛機操控面檢查和測試基本句型



確認、回報

___ input applied.

___ input in progress.

Flaps set to 1, holding steady.

Flap 5 completed, holding position.

重組對話

-  Monica: Left and right flaps match. ⋮
-  Emma: Full left input applied. ⋮
-  Monica: Aileron moves smoothly. ⋮
-  Emma: Flaps set to 1, holding steady. ⋮

Send

模擬對話練習



Scene 01 Rudder

兩人一組，一位扮演 Technician (技術員)，另一位扮演 Pilot (飛行員)。請運用今天學到的單字、句型進行口說練習。



指令下達 → 操作回報 → 功能確認 → 完成驗證

Technician: Please press the left rudder pedal.

Pilot: Left pedal pressed.
Rudder deflects left.

Technician: Movement smooth, no delay observed.

Pilot: Rudder returns to center properly.



字彙



句型



翻譯



對話音檔



模擬對話練習



Scene 02 Elevator

兩人一組，扮演 Technicians (技術員)。請運用今天學到的單字、句型進行口說練習。

指示觀察位置 → 確認準備 → 下達指令 → 回報觀察結果

Technician 1: Observe the elevator from the tail; watch the plane's nose.

Technician 2: Ready at the stick.

Technician 1: Pull the stick fully back.

Technician 2: Elevator goes up, nose rises smoothly.



字彙



句型



翻譯



對話音檔



模擬對話練習



Scene 03 Aileron

兩人一組，扮演 Technicians (技術員)。請運用今天學到的單字、句型進行口說練習。

Technician 1: Can you see the ailerons clearly from your side? 詢問觀察狀況

Technician 2: Yes, observing from the right wing. 回覆並確認觀察位置

Technician 1: Move the control stick fully to the left. 下達操作指令

Technician 2: Ailerons moving opposite — left up, right down. Movement normal. 回報動作結果



字彙



句型



翻譯



對話音檔





任務：學生抽取「情境指令卡」延伸對話



Rudder

方向舵



Elevator

升降舵



Aileron

副翼



對話延伸練習

Scene 01 Rudder

你在操縱方向舵時發現有些微停頓，請向對方確認。

Technician: Please press the left rudder pedal.

Pilot: Left pedal pressed. Rudder deflects left.

Technician: Movement smooth, no delay observed.

Pilot: Rudder returns to center properly.



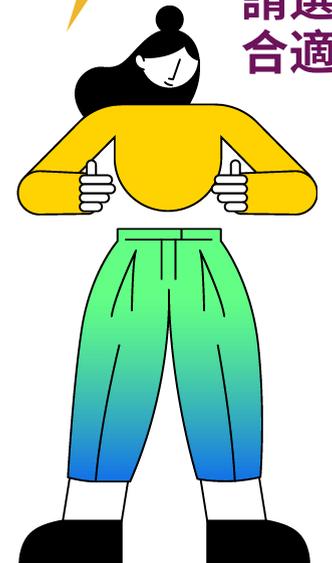
Do you feel any unusual vibration when pulling the stick?

Did the left aileron move slightly slower than the right?



Did you feel any delay when deflecting left?

請選出最合適詢問



字彙



句型



翻譯



對話音檔



對話延伸練習

Scene 02 Elevator

詢問在操縱升降舵時是否有任何異常震動。

Technician 1: Observe the elevator from the tail; watch the plane's nose.

Technician 2: Ready at the stick.

Technician 1: Pull the stick fully back.

Technician 2: Elevator goes up, nose rises smoothly.



Do you feel any unusual vibration when pulling the stick?

字彙

句型

翻譯

對話音檔



Did the left aileron move slightly slower than the right?

Did you feel any delay when deflecting left?



對話延伸練習



Scene 03 Aileron

你注意到其中一側副翼動作稍微較慢，請向對方確認。

Technician 1: Can you see the ailerons clearly from your side?

Technician 2: Yes, observing from the right wing.

Technician 1: Move the control stick fully to the left.

Technician 2: Ailerons moving opposite — left up, right down. Movement normal.

 Did you feel any delay when deflecting left?

 Do you feel any unusual vibration when pulling the stick?

Did the left aileron move slightly slower than the right?

請選出最合適詢問



字彙	句型	翻譯	對話音檔
			

AIRCRAFT POSTURE & CONTROL SURFACES – RECAP CONVERSATION



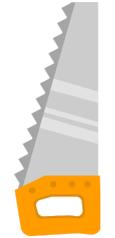
1

Hey, before we finish, let's review — what controls the airplane's pitch?

That's the elevator. It makes the nose go up or down.

2

Right. And for rolling left or right, we use the ailerons on the wings.



3

I always mix up roll and yaw — which one is yaw again?

Yaw is side-to-side movement, controlled by the rudder.

4

So, elevator for pitch, ailerons for roll, rudder for yaw.

Got it — all three work together to keep the plane balanced.





00:00

A dark blue rounded rectangle containing an hourglass icon on the left, a digital timer display showing "00:00" in the center, and two red circular buttons on the right: a reset button with a curved arrow and a play button with a white triangle.