

An aerial view of an Airbus Helicopters H160 in flight over a body of water. The helicopter is white with black accents and is shown from a high angle, with its main rotor blades blurred from motion. The tail boom features the 'H160' designation.

[Airbus Amber]

EASA Rotorcraft and VTOL Symposium 2022

HELICOPTERS

20/10/2022

EQB

AIRBUS

Flight Physics Interactive E-learning

- In line with our constant commitment to improving the safety of helicopter operations, we have created this new interactive e-learning on Helicopter Flight Physics.
- Available in our airbus.com e-learning section.

<https://www.airbus.com/en/safety/safety-in-operations/helicopters-safety-in-operations/safety-multimedia-e-learning>

The screenshot shows the Airbus Helicopters safety multimedia & e-learning website page. The top navigation bar includes links for Careers, Investors, Suppliers, Newsroom, Airbus, 104.06 €, and 1.482%. The main header features the Airbus logo and a search icon. The page title is "Helicopters safety multimedia & e-learning". The breadcrumb trail reads: Home > Safety > Safety in Operations > Helicopters safety in operations > Helicopters safety multimedia & e-learning. The sub-navigation menu includes: Safety promotion, Safety Management System, Safety videos, E-learning booklets, Multimedia for technicians, Multimedia for instructors, and Multimedia for pilots. The main content area contains the text: "In the framework of Airbus Helicopters' commitment to safety, this website section is made available for the rotorcraft community. It provides informative content related to safety management, safety culture and emergency procedures. Most of this content is the result of Airbus Helicopters' collaboration with operators and national authorities."

Careers ▾ Investors ▾ Suppliers ▾ Newsroom ▾ Airbus 104.06 € ▲ 1.482%

AIRBUS Who we are What we do Innovation Sustainability Safety Products & Services Q

Helicopters safety multimedia & e-learning

Home > Safety > Safety in Operations > Helicopters safety in operations > Helicopters safety multimedia & e-learning

Safety promotion Safety Management System Safety videos E-learning booklets Multimedia for technicians Multimedia for instructors Multimedia for pilots

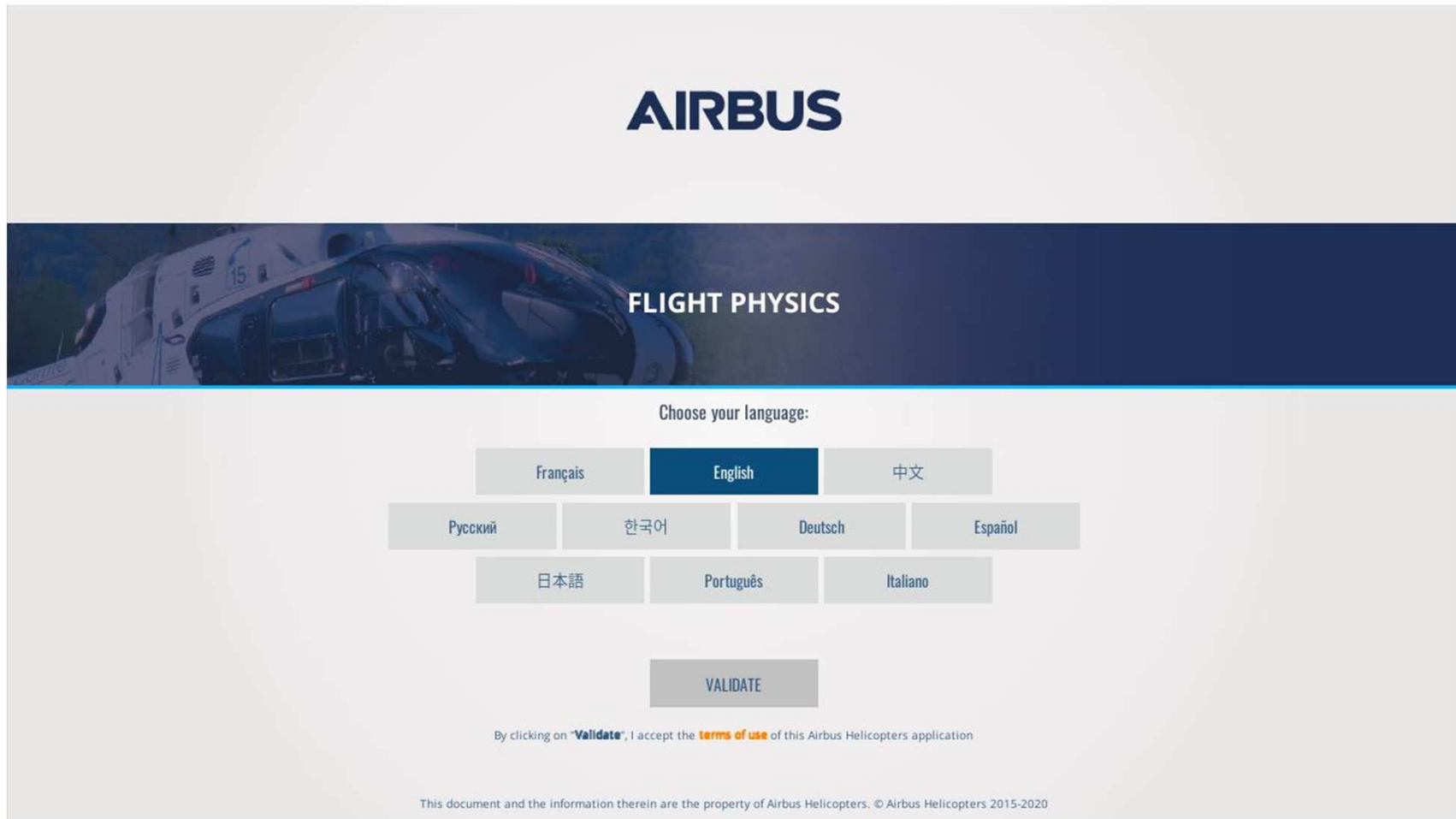
In the framework of Airbus Helicopters' commitment to safety, this website section is made available for the rotorcraft community. It provides informative content related to safety management, safety culture and emergency procedures. Most of this content is the result of Airbus Helicopters' collaboration with operators and national authorities.

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- The e-learning is dedicated to providing information regarding:
 - Vortex Ring State
 - Unanticipated Yaw
 - Servo Transparency
 - U-Yaw Simulator.



- It is available in 10 languages.



The screenshot shows the language selection interface for the Airbus Helicopters Flight Physics application. At the top, the 'AIRBUS' logo is displayed in a large, bold, dark blue font. Below the logo is a horizontal banner featuring a close-up image of a helicopter's cockpit and rotor hub, with the text 'FLIGHT PHYSICS' overlaid in white. Underneath the banner, the text 'Choose your language:' is centered. Below this text is a grid of ten rectangular buttons, each containing a language name in its respective script. The 'English' button is highlighted with a dark blue background, while the others are light gray. The languages are arranged in three rows: the first row contains 'Français', 'English', and '中文'; the second row contains 'Русский', '한국어', 'Deutsch', and 'Español'; the third row contains '日本語', 'Português', and 'Italiano'. Below the grid is a single 'VALIDATE' button. At the bottom of the screen, a small line of text states: 'By clicking on "Validate", I accept the terms of use of this Airbus Helicopters application'. The very bottom of the page features the Airbus logo and a copyright notice: 'This document and the information therein are the property of Airbus Helicopters. © Airbus Helicopters 2015-2020'.

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FLIGHT PHYSICS

Choose your language:

Français English 中文

Русский 한국어 Deutsch Español

日本語 Português Italiano

VALIDATE

By clicking on "Validate", I accept the [terms of use](#) of this Airbus Helicopters application

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Objectives

Learning objectives:

- be able to explain (reformulate) the 3 phenomena
- be able to avoid/recover from the phenomenon

Pedagogical objectives:

- to build awareness
- provide a set of standardized explanations
- provide a useful set of illustrations
- to understand each phenomenon
- provide a tool to instructors to ease their teaching of the phenomena

Limitation

Limitation:

- Phenomena are complex to understand
- Not designed for only self study or self ab-initio training
- Curves in UY are pedagogically designed. i.e. styled to focus on explanations and not values

Thank you for your attention