

[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 website's navigation bar with the AIRBUS logo on the left and links for Who we are, What we do, Innovation, Sustainability, Safety, and Products & Services on the right. A secondary navigation bar includes links for Careers, Investors, Suppliers, Newsroom, and Airbus stock information (104.06 € ▲ 1.482%). Below this is a dark blue header with the text 'Helicopters safety multimedia & e-learning'. A breadcrumb trail reads: Home > Safety > Safety in Operations > Helicopters safety in operations > Helicopters safety multimedia & e-learning. A horizontal menu below the breadcrumb lists: Safety promotion, Safety Management System, Safety videos, E-learning booklets, Multimedia for technicians, Multimedia for instructors, and 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.

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

AIRBUS

FLIGHT PHYSICS

Choose your course:

VORTEX RING STATE UNANTICIPATED YAW SERVO TRANSPARENCY

UNANTICIPATED YAW SIMULATOR

START

REGION SUD
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CÔTE D'AZUR

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DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE
Industrie du futur - Sud
Provence-Alpes-Côte d'Azur

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- It is available in 10 languages.



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