



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Slow Flight, Stall and Spin Recovery for Aeroplanes

Physical, Mathematical, Computer and Life Sciences / Physical Sciences

Unit Standard 243334 · NQF Level 5 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips pilots with the knowledge and practical skills to safely perform slow flight, stalls, and spin recoveries in aeroplanes. It focuses on recognising the aerodynamic conditions leading to stalls and spins, and executing correct recovery techniques to enhance flight safety.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Physical Sciences
Unit Standard	243334
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply aerodynamic principles to explain the causes and characteristics of slow flight, stalls, and spins.
- Demonstrate safe entry and recovery from power-on and power-off stalls in various configurations.
- Analyse the factors affecting stall speed and spin entry, including weight, balance, and control inputs.
- Execute correct spin recovery techniques for upright and inverted spins as applicable.
- Evaluate the risks associated with slow flight, stalls, and spins, and implement preventive strategies.
- Implement standard operating procedures for stall and spin awareness during normal flight operations.

WHO SHOULD ATTEND

- This course is designed for student pilots, licensed pilots seeking refresher training, and flight instructors who need to demonstrate and teach stall and spin recovery procedures.

COURSE OUTLINE

Day 1: Slow Flight, Stall and Spin Recovery

- Aerodynamics of slow flight: angle of attack, lift, drag, and power required.
- Stall recognition: buffet, stall warning, and incipient vs. full stall.
- Factors affecting stall speed: weight, CG, bank, and configuration.
- Stall recovery techniques: power, pitch, and coordinated controls.
- Spin aerodynamics: autorotation, phases (incipient, developed, recovery).
- Spin recovery procedures: PARE (Power, Ailerons neutral, Rudder opposite, Elevator forward).
- Common errors and safety precautions during stall and spin practice.
- Regulatory requirements for stall and spin training.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **4 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,400.00	R 13,400.00
1	In-House	R 17,400.00	R 17,400.00
1	On-Campus (Pretoria)	R 20,200.00	R 20,200.00

UPCOMING SESSIONS

No sessions are currently scheduled. Please contact us to arrange a session at a time and location that suits your team.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 243334) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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