



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

Pre Flight In Flight And Post Flight Inspection Procedures Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 115254 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to conduct thorough pre-flight, in-flight, and post-flight inspections of aircraft. It ensures compliance with South African Civil Aviation Authority (SACAA) regulations and promotes safety in aviation operations.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	115254
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply pre-flight inspection procedures to verify aircraft airworthiness and safety.
- Demonstrate in-flight monitoring techniques to identify and report anomalies.
- Evaluate post-flight inspection findings and complete required documentation.
- Analyze inspection data to determine maintenance or corrective actions.
- Implement safety protocols during all phases of flight operations.
- Demonstrate compliance with SACAA regulations and industry standards.

WHO SHOULD ATTEND

- This course is designed for pilots, aircraft maintenance engineers, flight operations personnel, and aviation safety officers who are responsible for inspection procedures.

COURSE OUTLINE

Day 1: Foundational Principles of Aircraft Inspection Procedures

- Overview of SAQA Unit Standard 115254 and regulatory requirements (CAA, SACAA).
- Roles and responsibilities of flight crew and maintenance personnel.
- Pre-flight inspection procedures: exterior walk-around, cockpit checks, and documentation.
- Introduction to in-flight monitoring: engine instruments, flight controls, and system annunciations.
- Post-flight inspection fundamentals: securing aircraft, reporting defects.
- Safety management and human factors in inspections.

Day 2: Detailed Inspection Techniques and In-Flight Monitoring

- Step-by-step pre-flight inspection: airframe, powerplant, landing gear, and avionics.
- In-flight monitoring: engine performance, fuel management, electrical systems.
- Emergency procedures during flight: handling warnings and system failures.
- Post-flight inspection: engine shut-down checks, fluid levels, and structural integrity.
- Documentation: technical log entries, defect reporting, and communication with maintenance.
- Practical exercise: simulated inspection scenarios.

Day 3: Advanced Integration and Practical Assessment

- Advanced inspection planning: weather considerations, MEL/CDL procedures.
- In-flight decision-making: handling multiple system anomalies.
- Post-flight debriefing and continuous improvement.
- Practical assessment: complete full inspection cycle on an aircraft.
- Review of regulatory compliance and audit preparation.
- Course summary and feedback.

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 **6 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Mauritius
11 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

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 115254) 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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