



United Aircraft Maintenance
شركة المتحدة لصيانة الطائرات



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UAM00 www.uam.sa 0112444660

الرياض، طريق الثمامة، قرطبة، بجوار مركز الفرابي

Company Profile

Aircraft Maintenance & Training

Aviation Training Courses: Maintenance



Course Name : BI & B2 EASA Part66- Basic conversion and examinations Contents :

CAT B1(B1.1, B1.2, B1.3, B1.4)	Exam Duration (min)
1 Mathematics	40
2 Physics	65
3 Fundamentals	65
4 Electronic Fundamentals	25
5 Digital Techniques/ Electronic Instrument Systems	
6 Materials and Hardware	
7A Maintenance Practice (mcg)	100
7A Maintenance Practice (essay)	
8 Basic Aerodynamics	25
9A Human Factors (mcg)	25
9A Human Factors (essay)	20
10 Aviation Legislation (mcg)	50
10 Aviation Legislation (essay)	20
11A Turbine Aeroplane Aerodynamics, Structures and Systems	175
11B Piston Aeroplane Aerodynamics, Structures and Systems	
12 Helicopter Aerodynamics, Structures and Systems	160
15 Gas Turbine Engine	115
16 Piston Engine	
17 Propeller	40

Cat B1A : Module 1 to Module 10 plus Module 11A Module 15 and Module 17

Cat B1,2 : Module 1 to Module 10 plus Module 11B, Module 16 and Module 17

Cat B1,3 : Module 1 to Module 10 plus Module 12 and Module 15

Cat B1A : Module 1 to Module 10 plus Module 12 and Module 16

Training Courses:

- Basic Training Course

- Category BI .I (TBI .1) Aeroplanes Turbine

- Category B2 avionics and electric

- Type Training

- Boeing 900/800/700/600-737 (CFM56) (BI , B2, BI+B2, BI to B2, B2 to BI ,c)

- Boeing 500/400/300-737 (CFM56)

(BI , B2, BI +B2, BI to B2, B2 to BI ,c)

AS 332 (Turbomeca Makila I A/I AI) (BI , B2, BI +B2,C)

.Airbus A321/320/9 31/8 31 (CFM56)

(BI , B2, BI +B2, BI to B2, B2 to BI ,C)

,Airbus 12500') 321/320/9 31)

(BI , B2, BI +B2, BI to B2, B2 to BI ,c)

- Aircraft General Familiarization Training courses
- Airbus A318/A9 31/A320/A321 (CFM56 and IAE '12500) General Familiarization Training Course
- Airbus A300/200-330 (PW4000) and A300/200 -340 (CFM56) General Familiarization Training
- Boeing 500/400/300 -737 (CFM56) General Familiarization Training Course
- Boeing 900-/800-/700-/600 -737 (CFM56) General Familiarization Training Course
- Boeing 300/200-757 (RR RB1 21) General Familiarization training
- Difference from Boeing 5/4/3-737 (CFM56) to Boeing 9/8/7/6-737 (CFM56) General Familiarization
- Embraer EMB45 1/135- (RR Corp AE30007A) General Familiarization
- Boeing B400/300/200-747 (GE CF6 and PW 4000) General Familiarization Training Course
- Aircraft Structure Repair Training courses
- Composite Repair Theoretical and Practical Training Course
- Composite Repair Theoretical Training Course
- Sheet Metal Repair Theoretical and Practical Training Course
- Sheet Metal Repair Theoretical Training Course
- Sheet Metal Repair Practical Training Course
- Aircraft Type Recurrent/Refreshment Training courses Aviation Emergency Equipment
- Life Preservers Maintenance
- Embraer 145/35 (RR corp. AE3007A) (BI , B2, +B2, BI to B2, B2 to BI ,c)• Escape Slides Maintenance
- Aviation Legislation Training courses
- Aviation Legislation Training Course and Examination in accordance with Part66- requirements
- Aviation Legislation Continuation Training Course

Training Courses:

- Components (Batteries, Ovens, Coffee makers, Handsets, etc) Maintenance Training courses
- Avionics Components Maintenance - Main Battery: SAFT; Marathon; VARTA
- Avionics Components Maintenance - Coffee makers, Water Heaters
- Avionics Components Maintenance — Ovens
- Engine Borescope Inspection Training courses
- Engine Borescope Inspection Training Course CFM7- ,5- ,3-56
- Engine CFM7- ,5- ,3-56 Borescope Inspection Theoretical Training Course
- Engine CFM7- ,5- ,3-56 Borescope Inspection Practical Training Course
- Engine V2500 Borescope Inspection Training
- Engine Turbomeca Makila IAI Borescope Inspection Training
- Engineering and Planning Training
- Fuel Tank Safety Training courses
- Fuel Tank Safety Training Course
- Fuel Tank Safety (Phase 1) Training Course
- Fuel Tank Safety (Phase 2) Training Course • Fuel Tank Safety (Continuation) Training Course
- Human Factors Training courses

Aviation Training Courses.



- Boeing 500/400/300/737 Pre-Flight Inspection Theoretical and Practical Training Course
- Boeing Standard Wiring Practices Training course
- EASA Part21- Subpart J, Design Organisation Approval (DOA) Training
- Audit Management in Aviation
- EASA Part M requirements
- EASA Part 145 requirements
- EASA Framework (Part M, 147 ,66 ,145)
- EASA Part 66/147 requirements
- Instruction Techniques Initial + Recurrent
- Unmanned Aviation Training (RPAS)
- Foreign Object Damage (FOD)
- Continuation Training in recent technologies
- Aircraft Marshalling (Ramp)
- E TOPS (Extended-range Twin-Engine Operational Performance Standards)
- Accidents Investigation & Prevention Stores Incoming Inspection Electrostatic Sensitive Discharge (ESD)
- Maintenance / Acceptance Test Flight for Pilots & Flight Engineers Aviation English for Aircraft Technicians (per ICAO Standards) Aviation Tires Maintenance and Care (Line/Stores)
- Low Frequency Acousticography / Coin Tap Test (c-test) inspection of composites Borescope
- Inspection of Turbine and Piston Engines Dangerous Goods (per IATA Standards) - Sheet Metal Advanced
- Root Cause Analysis
- Suspected Unapproved Parts
- Corrosion Prevention and Control
- Composite Inspection and Repairs
- NDT Course (Visual Testing and Liquid Penetrant Testing FPI)
- Aircraft Reliability training course
- Engineering and Planning Procedures training course

Aviation Training Courses: Airports



Course Name: Airport Management

Objective

Strategic planning and decision-making: a big picture approach for a big business. Airport managers have the challenging job of ensuring safe, efficient operation in a complex and growing business. This course uses intensive training and exercises to help you identify your airport's business challenges and address them at the individual, team and unit levels

Content:

- Airport Master Planning
- Quality Management
- Managing People
- Birdstrik & Wildlife management
- Airport Certification manual
- Crisis Management
- Safety Management system
- Airport Emergency Plan
- Financial management
- Airport facilitation

Who should Attend:

- Airport managers
- Airport shift leaders
- Airport managers
- Airport shift leaders
- Operation managers
- Crisis Management
- Safety Management system
- Airport Emergency Plan
- Financial management

Course Name: Apron Tower Supervisor

Upon successful completion of this course participants will be able :

- Define the importance procedure to identify stand allocation
- Explain the basic rules of (Apron safety)
- Conduct an aerodrome surface inspection & navigation . Aids
- Verify airside access and movement area
- Manage hazards & risks • Explain how to lead an aircraft

Content:

- Airport marking (Runway & taxiway)
- Airport Emergency plan
- Managing to airport safety
- Aircraft marshalling signals
- Runway incursion prevention
- Airside Driving
- Airport Ground handling
- Crisis Management
- Safety Management system
- Airport Emergency Plan
- NAV. Aids & Signage

Who should Attend

- Airport operation officers
- Operation manager
- Apron control unit officers

Time Duration : 10 days

Course Name Ramp Safety

The training is most beneficial for ramp safety personnel.
This course will provide participants with sufficient knowledge, skills and attitudes required to implement and maintain the Ramp Safety in accordance with national regulations and ICAO standards .

Course Objective

Upon successful completion of this course, participants will be able to :

- identify required safety equipment used at the ramp Area;
- identify hazards and manage risks;
- identify Ramp Area markings and signage
- apply radio telephony techniques
- apply appropriate action for special handling of abnormal situations.

Who should Attend

- Airline Operators • Airport operations Officers
- Airside Maintenance staff • ground handlers

Duration 3 Days : Day (1) > Topic : Basic Rules On Airside > Time Duration : 5hr

Day (2) > Topic : Hazard Related Airside > Time Duration : 5hr

Day (3) > Topic : Airport Marking , Lighting, Singage > Time Duration : 5hr

Course Name: Risk Managment

Course Objective:

- The training is most beneficial for those who work for staff who work for an aviation service provider involved in the planning development and implementation Risk assessment.
- The course will provide service provider staff with the basic knowledge, skills, and attitude to implement, administer or participate in Risk assessment.
- After having successfully completed this program the participants will develop competencies necessary to:
- apply the fundamental concepts and principles of risk management.

Content:

- Manage Hazards • Investigate incidents and accident
- Manage Risk --- Case study • Measure safety Performance

Case study

Time Duration: 5 days (20 hr)

Course Name: Safety Management System

Course Objective

The training is most beneficial for those who work for a State regulatory body involved in the planning, development, and implementation of State Safety Programs, and for staff who work for an aviation service provider. involved in the planning, development and implementation of Safety Management Systems. The Training will provide State regulatory and administrative personnel involved in State Safety Program (SSP) implementation and/or operation with the basic knowledge, skills, and attitude to advocate safety management systems (SMS) requirements and guidance material, as well as the acceptance/oversight of service providers' SMS.

Content:

- HAZARD IDENTIFICATION
- RISK MANAGEMENT
- ACCIDENT & INCIDENT
- ERROR & VIOLATION
- SSP & SMS IMPELEMENTATION

Course Name: Safety Management System

Content:

- apply the fundamental concepts and principles of aviation safety management
- participate in the SSP/SMS implementation plans based on the frameworks provided in ICAO safety management Standards and Recommended Practices (SARPs), Annex 19 and guidance material, such as the Safety Management Manual, Third Edition — 2013 ; and
- participate in the resolution of safety-related issues by applying the required skills and knowledge associated with the key SSP/ SMS processes.

Who should Attend

- Airport managers
- SAFETY STAFF
- OPERATION STAFF
- ATC & Airline Staff

Time Duration: 10 Days

Course Name: Crew Resources Management (CRM)

To : pilots, cabin crew Contents :

- Introduction and Background to CRM
- Human Error
- Standard Operating Procedures
- Fitness and Health
- Stress Sleep
- Information Processing
- Situational Awareness
- Workload
- Decision Making
- Communication
- Leadership and Behavior
- Conflict
- Automation
- Level Bust
- Controlled Flight into Terrain (CFIT) Icing
- Non-Technical Skills Assessment
- Runway Incursion



Course Name: Risk Managment

- EASA CPL WITH MCC course
- EASA AT
- ICAO
- ICAO ATPL

- Non-Technical Skills Assessment
- Runway Incursion

Aviation Training Courses Station



Course Name. Aircraft weight & balance principles

Content :

- Theory of Flight
- The 4 Forces
- Flight Controls
- Standard Weights

- Fuel
- Principles of Balance
- Structural Strength Limits

Course Name: Basic aircraft handling

Content :

- Documents required for an aircraft
- Documents required for a flight
- Penalties
- Theory of Flight
- The 4 Forces
- Flight Controls
- Fuel
- principles of balance • structural strength limits
- aircraft dimensional limitations on loading
- manual load and trim sheet

Course Name: Manual Load Control

Course Name: Automated Load sheet

Course Name: Passenger Handling

Course Name: Baggage Service

Course Name: Lost & Found

Course Name: Baggage Awareness

Course Name: Management and Leadership

Courses Name :

- Strategic Management الإدارة الاستراتيجية
- Leadership Skills مهارات القيادة
- Management Skills مهارات الادارة
- Problem Solving and Decision Making حل المشكلات واتخاذ القرار
- Time Management إدارة الوقت
- Time Management فرق العمل

Courses Duration:

- 3 Days
- 2 Days
- 5 Days
- 2 Days
- 3 Days
- 2 Days

Course Name: Human Resources Management

Courses Name :

- Human Resources Management الموارد البشرية بين النظرية والتطبيق
- Competency Based Training التدريب القائم على الجدارة
- Strategic Human Resources Management الادارة الاستراتيجية للموارد البشرية
- Manpower Planning تخطيط الموارد البشرية
- Succession planning (work shop) إعداد خطة التعاقب القيادي وإعداد كوادر الصف الثاني
- Training plane by ADDIE model كيفية إعداد الخطة التدريبية بتطبيق نموذج

Courses Duration:

- 5 Days
- 4 Days
- 5 Days
- 3 Days
- 2 Days
- 3 Days

Course Name: Human Resources Managment

Courses Name :

- Competency model
كيفية إعداد نموذج الجدارات
- Competency Based job description
كيفية إعداد بطاقات الوصف القائمة علي الجدارات
- Recruitment and selection
الإستقطاب والاختيار
- Performance managment system
نظام إدارة الأداء
- Hr for Non Hr
إدارة الموارد البشرية لغير العاملين في الموارد البشرية
- Human Resource Information System
نظام معلومات الموارد البشرية
- Train Of the Trainer (TOT)
تدريب المدربين

Courses Duration:

2 Days

3 Days

3 Days

3 Days

4 Days

3 Days

5 Days

Course Name: General

Courses Name :

- How Do you Plan For Your Future?
كيف تخطط لمستقبلك
- interviewing Skills (Work Shop)
كيفية اجتياز المقابلات الشخصية
- Customer Services
خدمة العملاء
- General English Courses
- Aviation English Courses

Courses Duration:

2 Days

3 Days

3 Days

3 Days

4 Days