



AVIATION TRAINING COURSE CATALOGUE





The Future is in the Skies

K. Atatürk

COURSE CERTIFICATION



ALL COURSES DESCRIBED
WITHIN THIS PORTFOLIO
ARE CERTIFICATED BY AN
EASA APPROVED UNITED

KINGDOM CAA PART - 147
TRAINING COMPANY



Aviation Course Syllabus

Group 1 - Initial Airworthiness

EASA Part 21 : Design = DOA
Development Requirements
CS - Approval = POA

Group 2 - Continuing Airworthiness

EASA AIRWORTHINESS LEGISLATION

Part 'M' - Management
145 - Maintenance
66 - Licensing
147 - Training

Airworthiness in Mtce - Mgt ~ Awareness
EASA Subpart 'G' C.A.M.E. ~ C.A.M.O. & ARC
Aircraft Mtce Record Keeping
Responsibilities of the C.R.S. - Signature
Mandatory Continuation Training

Group 3 - Aircraft Maintenance

Aircraft Ground Handling / Ramp & Hangar
Corrosion - Treatment & Prevention
Aircraft Skin & Structural Repair
Fuel Tank Entry & Confined Spaces Safety
Engine Borescope Procedures & Blade Blending
Aircraft Pre-flight & Post Flight Inspection
Maintenance **S**afety **D**ata **S**heet - Awareness
Electro **S**tatic **D**ischarge **S**ystems - Evaluation
SFAR 88 - Fuel Tank Safety
Level 1 - History & Development
Level 2 - C.D.C.C.L. Legislation Requirements
Aircraft Maintenance Awareness Costs
Trend Analysis & Reliability Programmes

Group 3 - Continued

Electrical Wiring - (Overview)
Interconnecting Systems
1 - AMC 20 - Introduction
2 - AMC 21 - Maintenance
3 - AMC 22 - Training
4 - AMC 23 - Standards Manual

Group 4 - Flight & Cabin Crew

Flight Deck - FW & RW

EASA Flight Crew Licensing
Flight Crew Incapacitation
Flight Simulator Training Device's

Crew Resource Management :-

Operational & Communication Skills
Risk Management Analysis
Fatigue Risk Management FD & CC

Cabin Crew

Cabin Crew Resource Management
Aircraft Emergency Equipment -
& Operational Procedures

Group 5 - Operational Courses

M.M.E.L.'s & M.E.L.'s
ETOP's ~ LROP's & EDTO's
Navigation & R.V.S.M.
Accident & Incident Investigation
Hazard Identification
Root Cause Analysis
Aviation Safety & Security
Safe Analysis of Foreign Aircraft

Group 5 - Continued

European Operation Standardisation

Group 6 - Aviation Safety Training

Human Factors
Health & Safety Company Requirements
ICAO - State Safety Programme / Plan
ICAO - Safety Management Systems
M.E.D.A. - Mtce Error Decision Aid & Analysis
First Aid @ Work Principle Priorities
Quality Assurance Management
Total Quality Management
Quality Auditing:- Internal & External

Group 7 - Specialised Aviation Subjects

Dangerous Goods by Air
EASA Part 147 Examination Procedures
Logistics & Store Keeping Procedures
Aircraft General Familiarisation Training
Stand Alone Aircraft Engine Training
Aircraft Ramp & Transit Training
ICAO - Aviation English:- Levels 1 to 6
Technical Aviation English

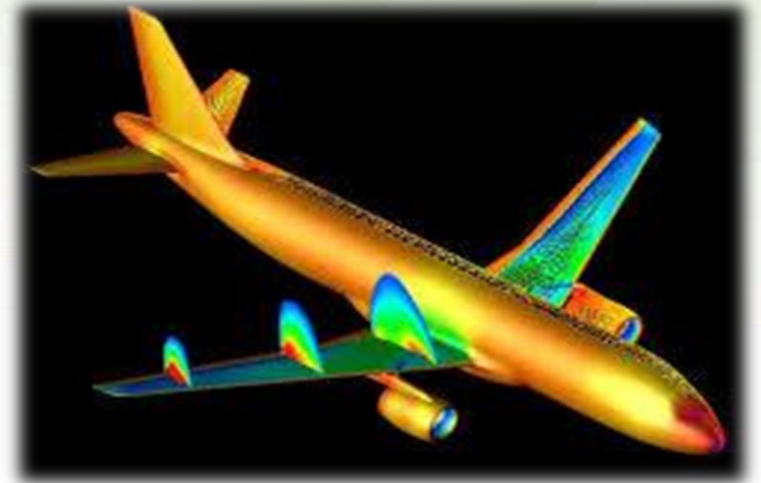
Group 8 - EASA Part 66 Modular Training

17 EASA - Theoretical Modules for :- AML's
A - Aircraft Maintenance Licenses
B3 - BASIC - Aircraft Maintenance Licenses
B1 - BASIC - Aircraft Maintenance Licenses
B2 - BASIC - Aircraft Maintenance Licenses

GROUP 1 - INITIAL AIRWORTHINESS

COURSE OUTLINE :

- Interface between Design Feasibility Studies
- Aircraft Operational Category Requirements
- AC Type Certification Specification Categories
- Design Concepts to Meet Certification & Specification Categories
- Aircraft System Functional Checks
- Project Synthesis Test Flight Procedures
- Airworthiness Certification Regulations
- New AC Type Production Requirements - MRB



Duration	Detailed	= 3 Days
	Initial	= 2 Days
	Refresher	= 1 Day

Language	English
Course Content	Book or CD
Target Group	Aviation Innovation
Prerequisites	Post Graduate Personnel

GROUP 2 - C. A. W. EASA Part M

Legislation Requirements for EASA Part 'M'

- Base & Line Maintenance Requirements
- Accountability Responsibilities
- Mandatory Occurrence Reporting
- Quality Organisational Structure
- Interrelated to Maintenance & Licensing
- Sub Part 'G' C.A.M.E & C.A.M.O. > A.R.C.
- Company Facility & Personnel Requirements
- Mtce Organisation Exposition Management
- AC ~ AWD's - EASA Compliance Monitoring
- Effective Control of Components -Unsalvageable
- Privileges of the Mtce Organisation



Duration	Detailed = 3 Days
	Initial = 2 Days
	Refresher = 1 Day

Language	English
Course Content	Book or CD
Target Group	Aviation Management
Prerequisites	Maintenance Experience

GROUP 2 - C. A. W. EASA Part 145

Legislation Requirements for EASA Part 145

- EASA Terms of Maintenance Approval
- Maintenance Facility Requirements
- Certifying Staff & Category 'A' - B1 / B3
B2 - 'C' Rated Support Staff
- Equipment Tools & Material Requirements
- Acceptance of Components & Segregation
- Production Planning & Manpower Programmes
- Maintenance Data & Document Control
- Certification of Maintenance Legislation
- Maintenance Organisation Exposition - Records
- Limitations of the Organisation



Duration	Detailed	= 3 Days
	Initial	= 2 Days
	Refresher	= 1 Day

Language	English
Course Content	Book or CD
Target Group	Maintenance Personnel
Prerequisites	Practical Experience

GROUP 2 - C. A. W. EASA Part 66

Legislation Requirements for EASA Part 66

- The Aircraft Maintenance License
- Basic Knowledge Requirements
- Operational Experience Requirements
- Continued Validity of the A.M.L.
- Aircraft Rating Endorsements
- License Limitation - Knowledge Requirement
- Evidence of License Qualifications
- Competent Authority License Control
- License Documents - Record Keeping
- Basic & Type License Approval Requirements
- Issuing of License Renewal Procedures



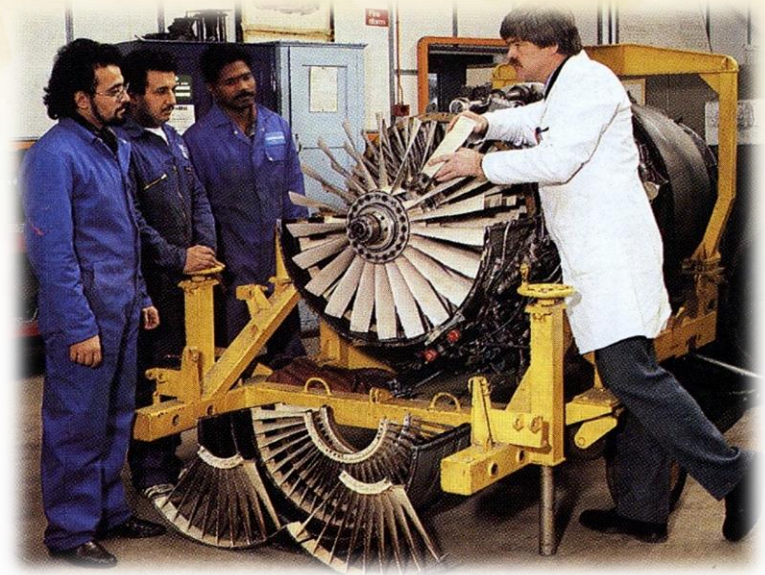
Duration	Detailed	= 3 Days
	Initial	= 2 Days
	Refresher	= 1 Day

Language	English
Course Content	Book or CD
Target Group	Maintenance Personnel
Prerequisites	Practical Experience

GROUP 2 - C. A. W. EASA Part 147

Legislation Requirements for EASA Part 147

- The Mtce Training Organisation Exposition
- Training Organisation Requirements
- The Approved Basic License Training Course
- Aircraft Type & Task Training.
- EASA Training Facility Requirements
- Personnel Requirements
- Training Instructor Requirements
- Records of Instructors & Assessors
- Examination Regulation Procedures
- Instructional Equipment & Training Material
- Basic & Type Training Approval Regulations



Duration	Detailed	= 3 Days
	Initial	= 2 Days
	Refresher	= 1 Day

Language	English
Course Content	Book or CD
Target Group	Maintenance Personnel
Prerequisites	Practical Experience

GROUP 2 - C. A. W. in Mtce Mgt

COURSE OUTLINE:

- EASA Airworthiness Management Structure
- European Technical Regulations
- Continued Maintenance AWD Compliance
- Theoretical & Practical Training
- Scope of Line, Base & Workshop Maintenance
- Engineering Personnel Requirements
- Environmental Facility Operational Requirements
- EASA Airworthiness Definitions
- Aircraft Maintenance Facility Approvals
- Component Control & Unsalvageable
Component Mutilation for Legal Disposal



Duration Initial = 2 Days
 Refresher = 1 Day

Language English
Course Content Book or CD
Target Group Maintenance Personnel
Prerequisites Practical Experience

GROUP 2 - C. A. W. - EASA Sub Part 'G'

COURSE OUTLINE:

- The C.A.M.O Company Exposition
- Continuing Airworthiness Agreement (s)
- Airworthiness Review Procedures
- Aircraft Review Staff Task Training.
- Develop & Control Aircraft Mtce Programmes
- Airworthiness Directive Application Control
- C.D.C.C.L. & S.F.A.R.88 Critical Task Monitoring
- Internal & Independent Quality Assurance Mgt
- Aircraft Document & Mtce Traceability
- Airworthiness Review Certification Procedures
- A.R.C Authorisation Issue Requirements



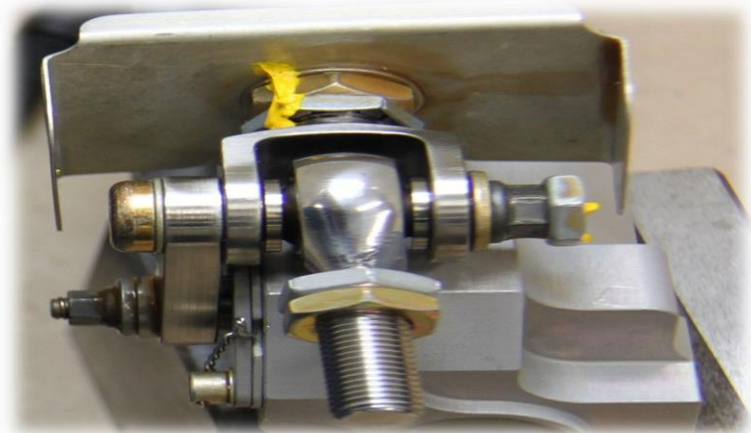
Duration Initial = 2 Days
Refresher = 1 Day

Language English
Course Content Book or CD
Target Group Aircraft Inspectors
Prerequisites Quality Experience

GROUP 2 C. A. W. - C. R. S. Responsibilities

COURSE OUTLINE:

- Documentary Reference Awareness
- Airworthiness Manual Revision Lists Status
- Benefits of Good Maintenance Records
- A Common Maintenance Language
- Depth & Detail of Work Recording
- Recording of Test Figures
- C.D.C.C.L. & S.F.A.R.88 Critical Work Tasks
- Aircraft System Functional Checks
- Duplicate Inspection Requirements & Procedures
- Airworthiness Certification Regulations
- Responsibility of Quality Control

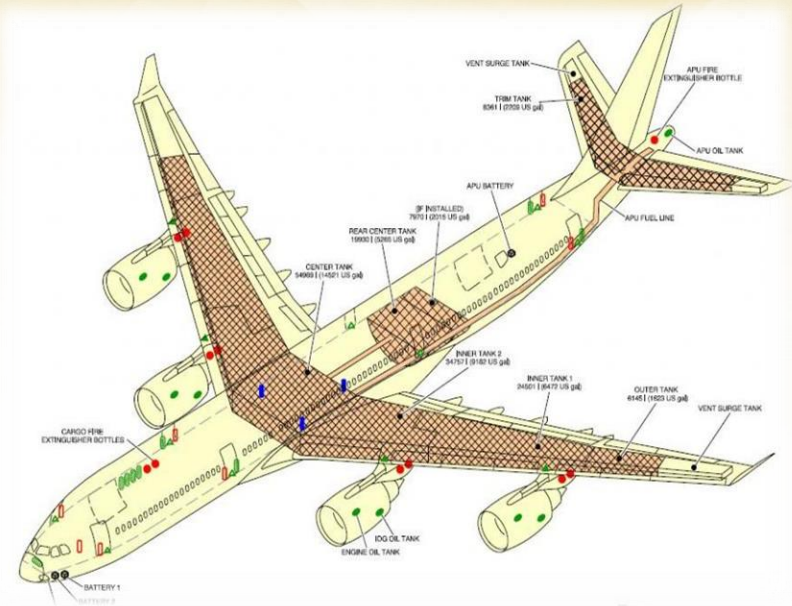


Duration:-	1 Day
Language	English
Course Content	Book or CD
Target Group	Aircraft Inspectors
Prerequisites	Quality Experience

GROUP 2 - Mandatory Continuation Training

COURSE OUTLINE:

- Documentary Reference Awareness
- Airworthiness Manual Revision Lists Status
- Benefits of Good Maintenance Records
- A Common Maintenance Language
- Human Factors - Refresher Training
- Fuel Tank Safety - Refresher Training
- E. W. I. S. - Refresher Training
- Aircraft System Functional Checks
- Quality Manager's Staff Training Requirements
- Airworthiness Certification Regulations
- Responsibility of Quality Control



Duration

As per Quality Managers Requirements

Language

English

Course Content

Book or CD

Target Group

Engineering Staff

Prerequisites

AC CRS Authorisation

GROUP 3 - Aircraft Ground Handling

COURSE OUTLINE:

- Know Your Aircraft - Rotary & Fixed Wing
- Aircraft Marshalling
- Aircraft Refueling
- Jacking & De - Jacking Aircraft
- AC Mtce Docking - Construction & Positioning
- Aircraft Weighing Procedures
- Ramp Aircraft Service Requirements
- Aircraft Operational Handling Hazards
- Aircraft Handling Potential Damage
- Routine Servicing - On Condition Components
- Ramp Environmental Conditions



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

AC Mtce Personnel

Prerequisites

Operational Experience

GROUP 3 - Corrosion & Oxidation

COURSE OUTLINE:

- The Difference Between Oxidation & Corrosion
- Types of Corrosion Found in Aircraft Structures
- Recognition & Definition of Corrosion
- Treatment of Oxidation
- Prevention of Oxidation
- Treatment of Corrosion
- Prevention of Corrosion
- Aircraft Operational Handling Hazards
- Determining Area and Safety Tolerances
- Critical Structure Analysis
- Erosion Compared to Corrosion



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

AC Mtce Personnel

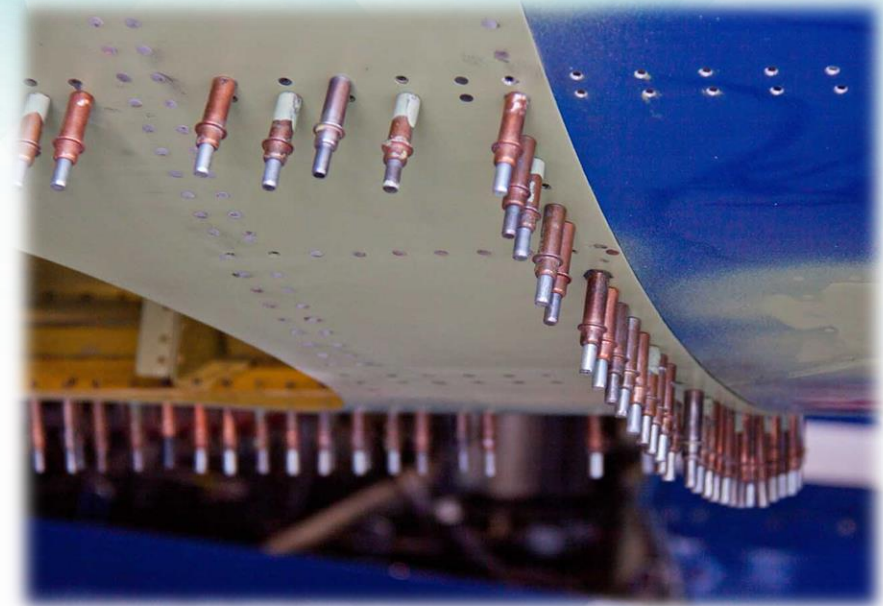
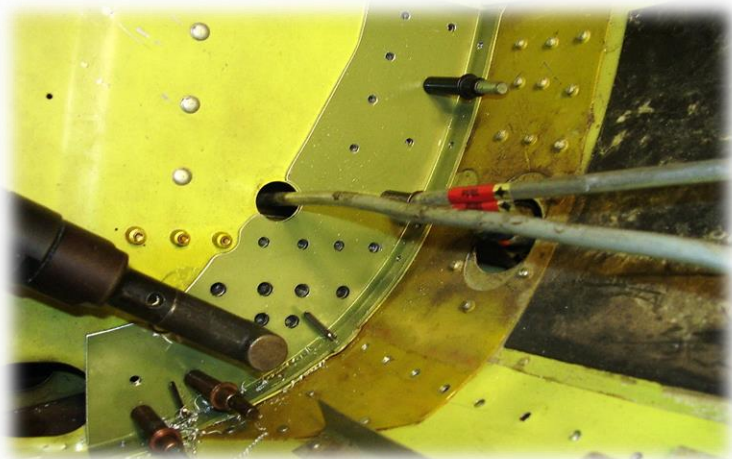
Prerequisites

Operational Experience

GROUP 3 - Aircraft Structural Repair

COURSE OUTLINE:

- Critical Structure Damage Analysis
- Assessing Approved Repair Scheme
- Obtaining Correct Structural Drawings
- Assessing Material Requirements
- Ordering Structure from Approved source
- Ordering Fasteners and tooling
- Aircraft Stress Jacking
- Removing Damaged structure
- Trial New Structure Fitting
- Fitting and Fastening
- Protection & Finishing



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

AC Mtce Personnel

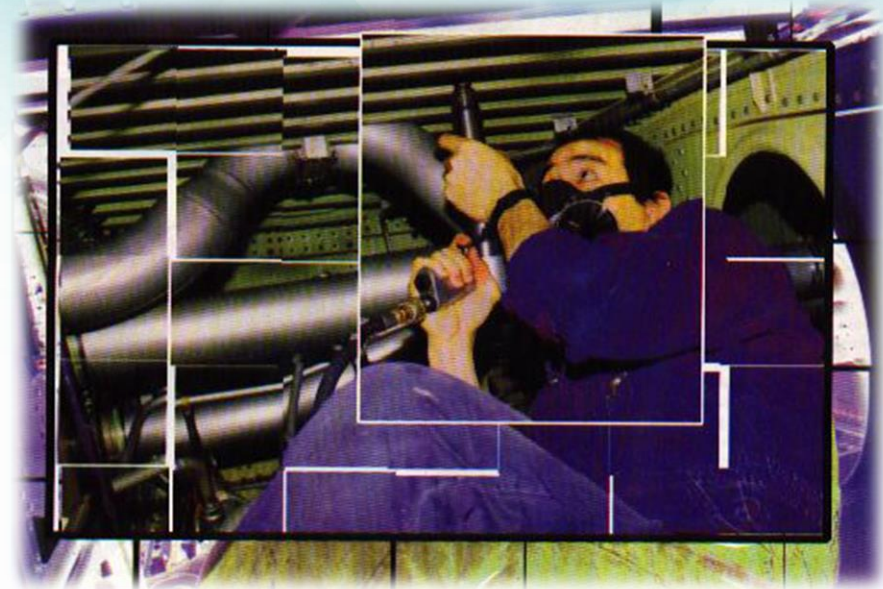
Prerequisites

Operational Experience

GROUP 3 - Confined Spaces

COURSE OUTLINE:

- Confined Spaces Relevant Laws
- Definition of a Confined Space
- Nitrogen Axyphation & Oxygen Deficiency
- Fuel Tank Flammable Areas & Levels
- External Hazardous Flammable Areas
- Fuel Tank Maintenance safety Equipment
- Constant Measurement of Gas Levels
- Safety Personnel Monitoring & Communication
- Medical Requirements & Fuel Tank Categories
- Fuel Tank Evacuation & First Aid Priorities
- Emergency Response Plans & Procedures



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

AC Mtce Personnel

Prerequisites

Operational Experience

GROUP 3 - Engine Borescopes & Equipment

COURSE OUTLINE:

- Engine Borescope Preparation
- Cowling Security
- Borescope Equipment Available
- Equipment Best Practices
- Rotor & Stator Blade Inspection
- Cannula Flame Tube Area Assessment
- Damage Assessment Categories
- Blade Dimension & Allowable Repair
- Internal in Situ Blade Blending Process
- Engine Core Plug Restoration
- Cowling Closure Procedures

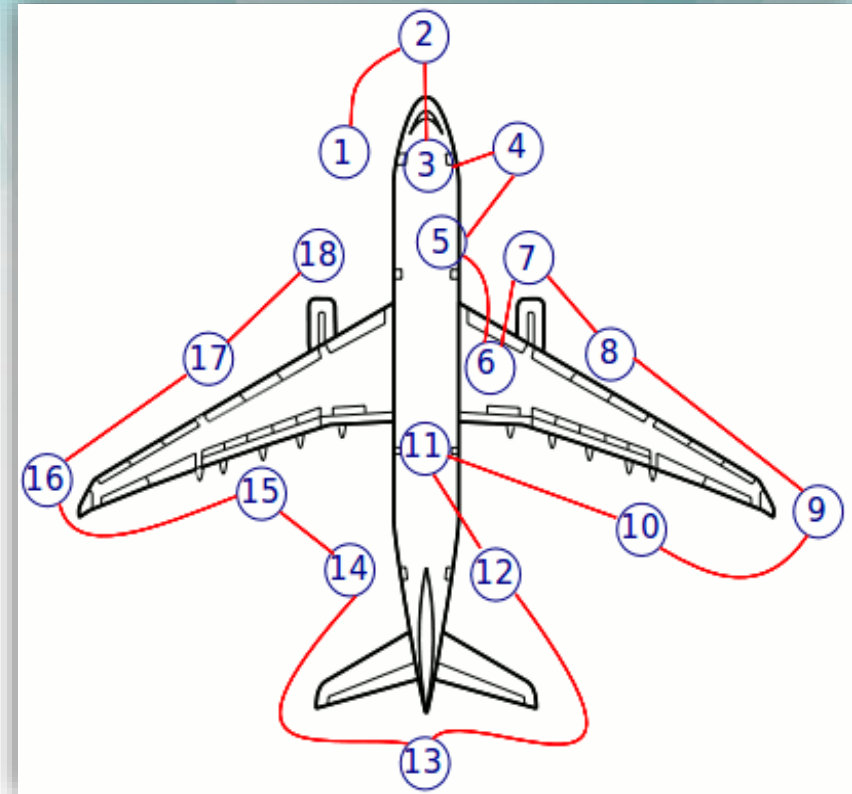


Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	AC Mtce Personnel
Prerequisites	Operational Experience

GROUP 3 - Pre & Post Flight Inspections

COURSE OUTLINE:

- Know Your Aircraft
- Tech Log Entries for Inspection
- Routine Inspection Circuit
- On Condition Decision Making
- Minimum Equipment Permit Conditions
- Fluid Leak Rate A. M. M. Acceptance
- Damage Assessment Categories
- Aircraft Sector(s) Route Knowledge
- Fluid Replenishment levels
- Tyre Pressures & Weight Categories
- Signatures in AC Technical Log



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flt Deck & Mtce Personnel

Prerequisites

Operational Experience

GROUP 3 - M. S. D. S.

COURSE OUTLINE:

- Know Your Material
- Know the Handling Hazards
- Aircraft Material Metal (s)
- Aircraft Material Composite (s)
- Aircraft Batteries - Types & Hazards
- Aviation Fluids - Grades & Hazards
- Aviation - Vapours & Gases
- Protective Personal Equipment
- Structure Resins, Adhesives & Sealants
- Aircraft Paint Specification Intoxicants
- Applied Specialist First Aid



Material
Safety
Data
Sheets

Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flt Deck & Mtce Personnel

Prerequisites

Operational Experience

GROUP 3 - E. S. D. S.

COURSE OUTLINE:

- What is Static Electricity ?
- E.S.D. Physics & Evaluation in Aviation
- Work Station E.S.D. Event Effect
- E.S.D. Damage Potential & Prevention
- Segregation of E.S.D.S Departments
- E.S.D.S. - Protective Equipment
- E.S.D.S. - Controlling Body Voltage
- Avionic Component Packaging
- Marking Labels & Signs
- E.S.D.S Work Stations
- Marking > Labeling & Signs



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Avionic & Logistics Staff

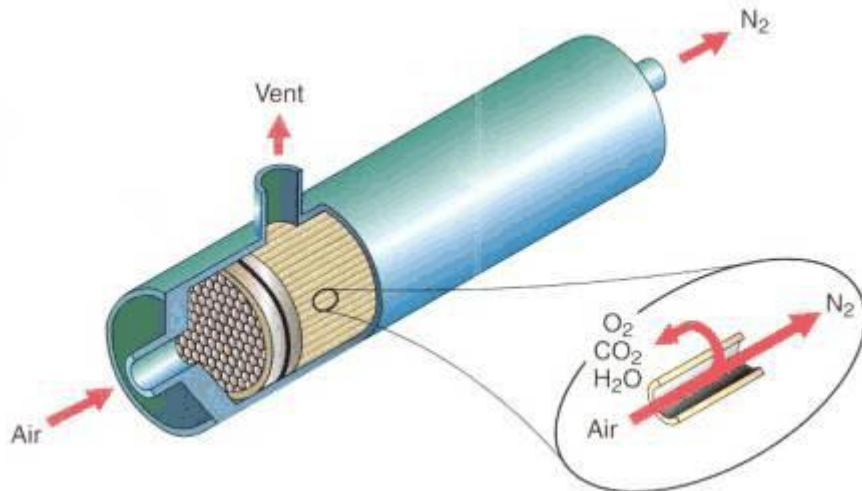
Prerequisites

Operational Experience

GROUP 3 - Fuel Tank Safety

COURSE OUTLINE:

- **S.F.A.R. 88 Level 1 History & Development**
 - AC Losses due to Ignition of Fuel Vapour
 - AC Losses due to Fuel Vapour Expansion
 - Balanced Approach Philosophy Necessary
 - Nitrogen Fuel Tank Inerting Development
 - Evaluation of Fuel System Ignition Sources
 - Nitrogen Inerting System Evaluation & Testing
-
- **S.F.A.R. 88 Level 2 C.D.C.C.L. Legislation**
 - **Critical Design Configuration Control Limitations**
 - **Substantiation of Design - Component/Systems**
 - **Aircraft Release to Service Procedures**



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Engineering Staff

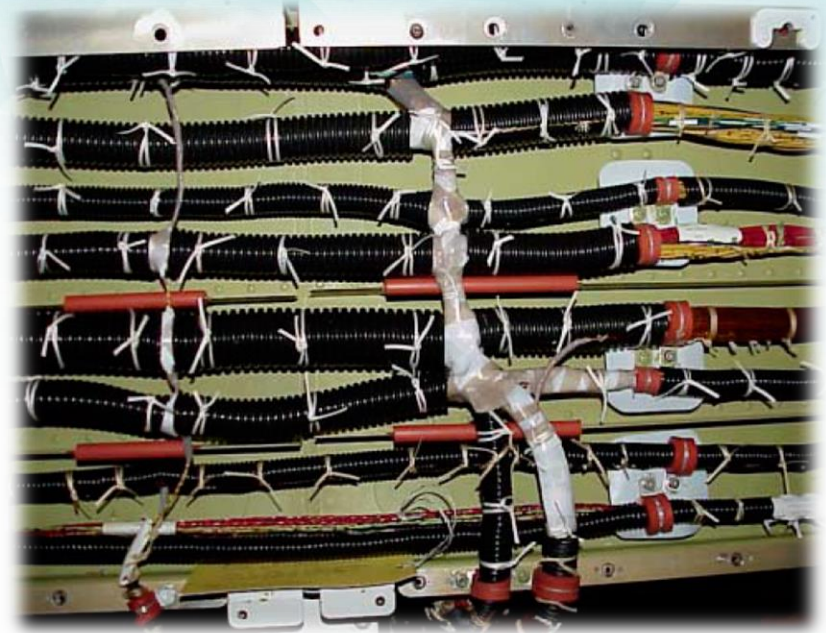
Prerequisites

Operational Experience

GROUP 3 - E. W. I. S.

COURSE OUTLINE:

- **EWIS AMC 20 - 21 > Maintenance**
- The Link to SFAR88 & ATSRAC
- Causes of Wire Degradation
- Enhanced Zonal Analysis Procedures
- Aircraft Zonal Inspection Levels & Guidance
- The problems of Electrical System Modification's
- Proving Fault Logic in AC Electrical Systems
- **EWIS AMC 20 - 22 > Training**
- Training Programme for Target Groups 1 to 8
- **EWIS AMC 20 - 23 > Standards Manual**
- Datum Required for Maintenance & Design



Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Engineering Staff
Prerequisites	Operational Experience

GROUP 3 - Mtce Cost Awareness.

COURSE OUTLINE:

- Introduction to Life Cycle Costs
- Objectives of Maintenance & Costs
- The Definition of Maintenance
- Effective Maintenance Procedures
- Maintenance Failure Development
- The problems of Time Constraints
- Dealing with Penalty Clauses
- Total Productivity Maintenance
- Maintenance Management Systems
- Contractual Agreement Negotiation
- Datum Required for Maintenance Output



Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Engineering Staff
Prerequisites	Operational Experience

GROUP 4 - EASA Flight Crew Licensing

COURSE OUTLINE:

- General License Information
- Overview of Pilot Licenses & Training
- Licensing Administration
- EASA Licenses - A Guide to Part FCL
- Instructor & Examiner Requirements
- Radio & Instrument License Categories
- Categories of Flight Crew Licenses
- Licensing Action & Regulation Enforcement
- Military License Conversion to Civil Procedures
- License Exemptions - All Categories
- Application & Administration Procedures



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flight Deck Staff

Prerequisites

Piloting & Flying Experience

GROUP 4 - Flight Crew Resource Management

COURSE OUTLINE:

- Definition of Crew Resource Mgt
- Developing Communication Skills
- Using I.C.A.O. Aviation English
- Pilot Personalities & Attitudes
- Flight Crew Assertiveness & Coordination
- Critical Thinking & Conflict Resolution
- C.F.I.T. & Situation Operational Awareness
- Hazards / Risks & Adherence to S.O.P.'s
- Critical Thinking & Air Decision Making
- Reliance on Automation & its Effects
- Preventive Strategies & Training...Training...



Duration Initial = 2 Days
 Refresher = 1 Day

Language English

Course Content Book or CD

Target Group F & R / Wing Flight Crew

Prerequisites Operational Flying

GROUP 4 - Cabin Crew Resource Management

COURSE OUTLINE:

- Definition of Cabin Crew Resource Mgt
- Developing Communication Skills
- Personality & Self Awareness
- Cabin Crew Assertiveness & Coordination
- Teamwork & Stress Management Solutions
- Passenger Handling & Crowd Control
- Hazards / Risks & Adherence to S.O.P.'s
- Understanding the Key Roles in Cabin Mgt
- Fatigue Build up & Professionalism
- Cabin Operational Administrative Requirements



Duration Initial = 2 Days
Refresher = 1 Day

Language English

Course Content Book or CD

Target Group Aviation Cabin Crew

Prerequisites Operational Flying

GROUP 4 - F. S. T. D' & C. R. M.

COURSE OUTLINE:

- Various types of FSTD's
- Flight Programming Training
- Defect Input for assimilation Procedures
- C. F. I. T. & Situation Awareness Practice
- S. O. P. & Check List Familiarisation
- Defect Input Analysis for operational flights
- Flight Crew I.C.A.O. ELP Examinations
- EASA Part 147 - Aircraft Type - System Training
- AC Type Gen Fam Course Training
- Flight Crew Aircraft Type 'Rating' Changes



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flight & Avionic Personnel

Prerequisites

Operational Experience

GROUP 4 - Fatigue Risk Management

COURSE OUTLINE:

- FDP & FTL Mandatory Rest Periods
- Circadian Rhythm Sleep Fundamentals
- The Causes & Effects of Fatigue
- Fatigue Operational Countermeasures
- The Influence of Healthy Flight Crew Life Styles
- Familiarity with Personal Sleep Disorder's
- Effects of Heavy Long & Short Range Schedules
- Medical Conditions leading to Fatigue
- Multiple Time Zone Flight Operational
- Responsibility for Ensuring Adequate Rest



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flight & Cabin Crew

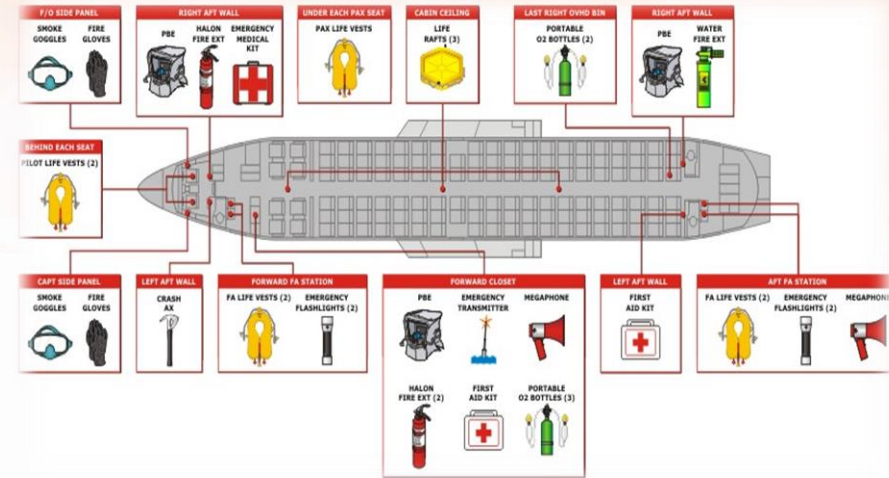
Prerequisites

Operational Experience

GROUP 4 - Aircraft Emergency Equipment

COURSE OUTLINE:

- Aircraft External Safety Information
- Over Wing Emergency Exit Doors
- Cabin Information Placarding
- Passenger Emergency & Safety Equipment
- Cabin Crew Emergency & Safety Equipment
- Flight Crew Emergency & Safety Equipment
- Passenger Evacuation - Planned
- Passenger Evacuation - Unplanned
- Aircraft Ditching Emergency Safety Procedures
- Emergency Rescue & Recovery Procedures



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flight & Cabin Crew

Prerequisites

Operational Experience

GROUP 5 - M. M. E. L's & M. E. L'S

COURSE OUTLINE:

- CAP 393 - Air Navigation Order
- N.A.A. - C.A.A. Guidance
- M. M. E. L. - Manufacturer
- M. M. E. L. - Substantiation to be Achieved
- Repair Interval Categories & Extension Approval
- M.E.L. Definitions & C.D.L. Intent
- Operator M.E.L. > NAA & Manufacturer Approval
- M.E.L. Administrative Procedures
- Operator Amendments to M.E.L. - Aircraft Fleet
- M.E.L. Certificate EASA Validation

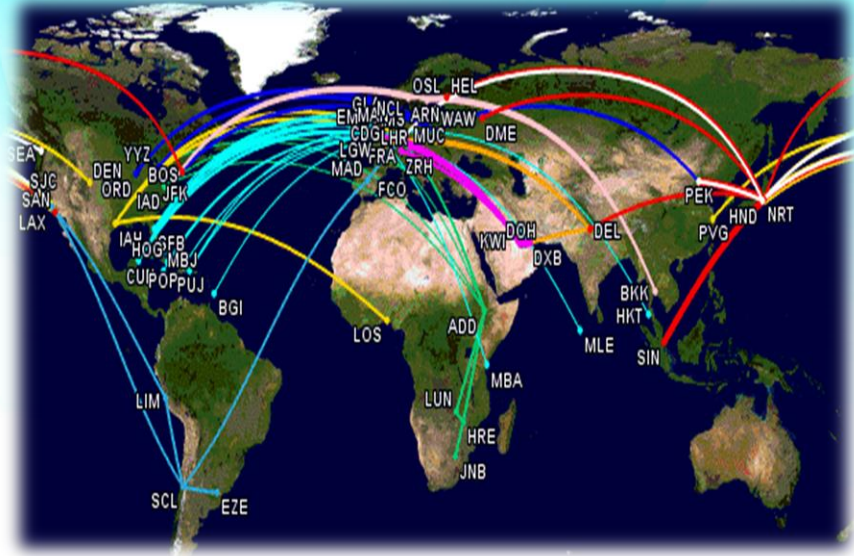


Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Flight & Cabin Crew
Prerequisites	Operational Experience

GROUP 5 - E.T.O.P'S & L.R.O.P'S

COURSE OUTLINE:

- E.T.O.P.S History & Development
- E.T.O.P.'s Requirements & Components
- E.D.T.O.'s Category & Evaluation
- E.D.T.O.'s > EASA / F.A.A. / I.C.A.O - Regulations
- Repair Interval Categories & Extension Approval
- M.E.L. Definitions & C.D.L. Intent
- Maintenance Manuals + M.E.L.'S & C.D.L.'s (NAA)
- Aircraft System Reliability Monitoring
- Understanding the E.T.O.P.'s Aircraft Technical Log
- The E.T.O.P.'s Pre & Post Flight Aircraft Inspection

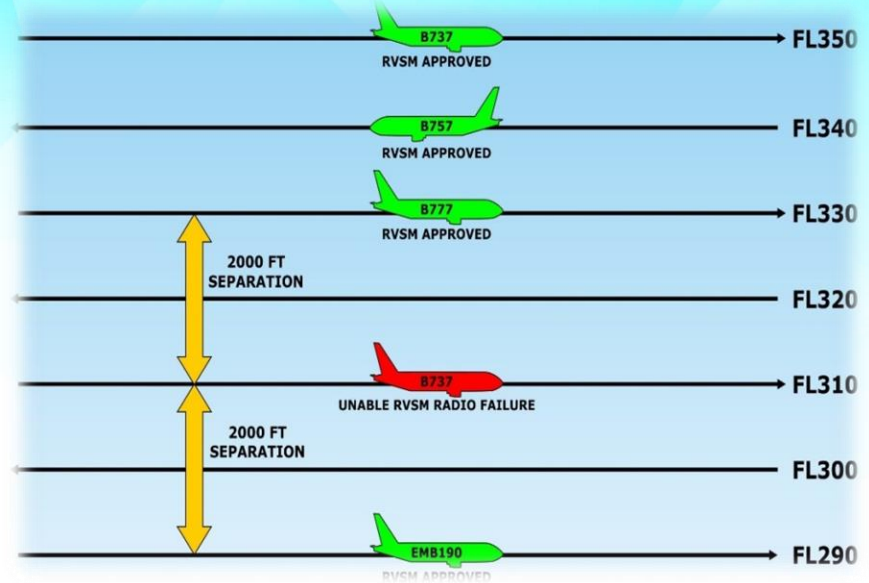


Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Flight & Cabin Crew
Prerequisites	Operational Experience

GROUP 5 - Navigation & R. V. S. M.

COURSE OUTLINE:

- VHF Omnidirectional Range
- Instrument Landing Systems
- Distance Measuring Equipment
- Automatic Direction Finders
- Doppler Navigation Systems
- Inertial Navigation Systems
- Reduced Separation Minima Criteria
- Reduced Separation Minima Regulations
- The R.V.S.M. Aircraft Critical Areas
- Repairing Aircraft Fuselage Critical Profile



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Flight Crew & L. A. E's

Prerequisites

Operational Experience

GROUP 5 - Hazards & Aviation Risks

COURSE OUTLINE:

- Aviation Hazards & Risks
- Defining Priorities of Investigations
- Evaluation of Aviation Hazard Risks
- Aviation Hazard Identification
- Company Risk Safety Implemented Procedures
- Identification of Minimal Risk to Hazards
- Root Cause Analysis & Investigative Procedures
- Direction Criteria Administration Procedures
- Safety Procedure Administration & Recording
- Implementing Safety Procedures



Syllabus

Individual
Required
Subject = 1 Day

Duration

Language

Course Content

Target Group

Prerequisites

- * Accidents & Incidents
- * Accident Investigation
- * Root Cause Analysis

1 to 3 Days

English

Book or CD

Flight Crew & L. A. E's

Operational Experience

GROUP 5 - Aviation Safety & Security

COURSE OUTLINE:

- Aviation Security Awareness
- Airport Security Provisions & Procedures
- Cabin Adverse Passenger Handling
- Over Refreshed & Substance Passenger Handling
- Airline Policy & Restraint Procedures
- Recognition & prevention of Unlawful Seizure
- Airline Hostage Policies & Procedures
- Discovery & Threat of Explosive Devices
- Incident Evaluation, Documentation & Recording
- Airline Trained Counseling Personnel Facilities



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Aviation Personnel

Prerequisites

Travel Familiarisation

GROUP 5 - European Operations

COURSE OUTLINE:

- A Matter of Standardised Definitions
- EU States Voting Population Acceptance
- The Link Between EASA & the EU + EC
- The EASA ~ EU Management Organisation
- EASA Document Regulation Standardisation
- European Mandatory Occurrence Reporting
- The Basic Regulation Rule Making Structure
- Inspection of Member State N.A.A.'S C.A.A.'s
- EASA's Role in European Aviation
- The Formation of the Single European Sky



Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Aviation Personnel
Prerequisites	Aviation Experience

GROUP 6 - Human Factors

COURSE OUTLINE:

- Introduction to Human Factors
- The History & Development of H/F
- Homo Sapiens and Human Factors
- The EASA ~ EU Management Organisation
- The Types of Human Error & Evaluation
- The “ **DIRTY DOZEN**” & Core Human Reaction
- The Ear the Eye and the Nose + the 5 Senses
- Circadian Rhythms in Human Performance
- HF - Error Risk Analysis & Localised ‘NORM’s’
- HF - Control Measures Administration



Keep Aircraft Flying Safely

Duration Initial = 2 Days
Refresher = 1 Day

Language English

Course Content Book or CD

Target Group Aviation Personnel

Prerequisites Aviation Experience

GROUP 6 - Health & Safety

COURSE OUTLINE:

- Health & Safety & Homo Sapiens
- History & Development of H & S
- Responsibilities of a H & S Officer
- Personal Protective Equipment Effectivity Trial
- P.P.E. Utilization & Practicality Use
- Maintenance Equipment Appraisal
- Accident & Safety Departments Coordination
- Mtce Equipment Serviceability responsibilities
- Know Your Health & Safety Officer
- Administrative Duties for Health & safety



Aviation Occupational Health and Safety

Know your rights...
and your responsibilities!



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Aviation Personnel

Prerequisites

Aviation Experience

GROUP 6 - The State Safety Plan

COURSE OUTLINE:

- The State Safety Plan
- The S.S.P. Structured Approach
- The S.S.P. Components
- State Responsibilities for Managing Safety
- S.S.P. Responsibilities for Managing Safety
- S.S.P. Responsibility on Policy & Objectives
- S.S.P. Responsibility on Safety Risk Management
- I.C.A.O. Risk Management Framework
- I.C.A.O. Safety Framework Assurance



Duration	3 Days
Language	English
Course Content	Book or CD
Target Group	Aviation Personnel
Prerequisites	Aviation Experience

GROUP 6 - Safety Management Systems

COURSE OUTLINE:

- S. M. S. Introduction
- Basic Safety Concepts
- Introduction to Safety Management
- Hazard Identification
- Risk Identification
- S. M. S. Regulations
- S. M. S. I.C.A.O. Requirements
- I. C.A.O. Planning & Operation
- Phased View of SSP & SMS Implementation



Duration	3 Days
Language	English
Course Content	Book or CD
Target Group	Aviation Personnel
Prerequisites	Aviation Experience

GROUP 6 - M. E. D. A.

COURSE OUTLINE:

- Human Error Accidents
- Accident Investigation Procedures
- Accident Data Base - Reference
- Data Base Evaluation
- The Human Error Perspective
- Investigative Decisions - Error Based
- The Investigative Holistic Tools
- Using Cognitive Science
- Psychosocial & Organisational Approach
- The Organised Safety Culture Result



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Maintenance Personnel

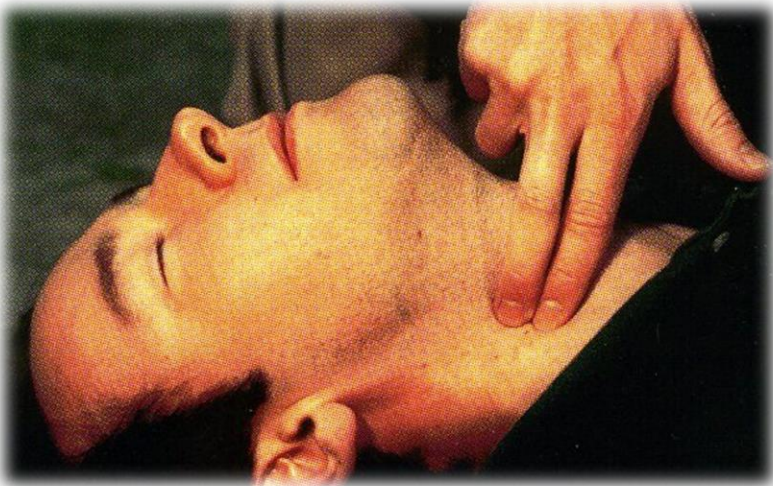
Prerequisites

Operational Experience

GROUP 6 - First Aid @ Work

COURSE OUTLINE:

- First Aid Principals
- Resuscitation & The Unconscious Casualty
- Managing Internal & External Bleeding
- First Aid Equipment & Treatment Uses
- Managing Bone/Joint & Soft Tissue Injuries
- Managing Burns & Poisoning
- Other Specific Injury Treatments
- Coping With Diseases
- First Aid Responsibilities
- Questions & Answers

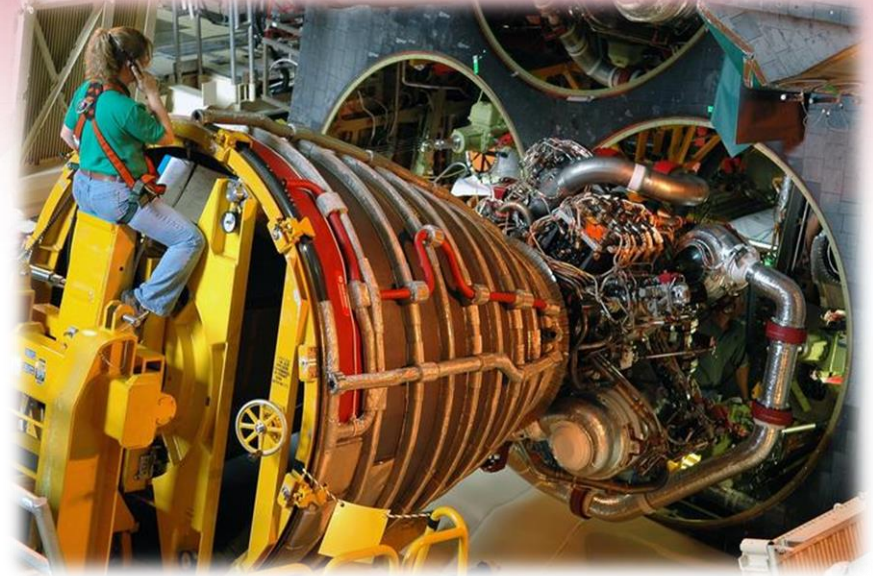


Duration	2 Days - Theory & Practical
Language	English
Course Content	Book or CD
Target Group	Aviation Personnel
Prerequisites	Medical / Care Experience

GROUP 6 - Quality Assurance Management

COURSE OUTLINE:

- Quality Control - Tools
- Quality Monitoring - Result Assessment
- Quality Assurance - Responsibilities
- Quality Prediction - Forecasting
- Quality Maintenance - Line / Base / Workshop
- Quality Training - C. A. M. O. > A. R. C.
- Quality Planning - Departmental Integration
- Quality Policy - Structure & Operation
- Total Quality Management - Staff Awareness
- The Cultural Change - Staff Responsibilities



Duration Initial = 2 Days
Refresher = 1 Day

Language English

Course Content Book or CD

Target Group Aviation Quality Personnel

Prerequisites Management Experience

GROUP 6 - Auditing Techniques

COURSE OUTLINE:

- The Internal Independent Audit
- The External Independent Audit
- International Organisation of Standards
- The Audit Process
- Pre Audit Planning
- The AUDIT Tour
- Post Audit Analysis
- Findings and Severity
- The Finding Follow up Procedures
- The Audit Completion



Duration Initial = 2 Days
Refresher = 1 Day

Language English

Course Content Book or CD

Target Group Aviation Quality Personnel

Prerequisites Management Experience

GROUP 7 - C. D. G. B. A.

COURSE OUTLINE:

- C. D. G. B. A. Introduction
- Dangerous Goods in General
- Classes & Divisions
- Listing of Dangerous Goods - Categories
- Packaging of Dangerous Goods
- Package Marking Requirements
- Labeling the DGR Package
- Loading Procedures
- The Provision of DGR Information
- The Emergency Response Procedure Plan
- The Safety Screening of Airfreight



Duration Initial = 2 Days
Refresher = 1 Day

Language English

Course Content Book or CD

Target Group Aviation Logistic Personnel

Prerequisites Hazardous Material Experience

GROUP 7 - Examination Procedures

COURSE OUTLINE:

- Classroom & Desk Arrangement
- Examination Room Equipment
- Examination Administration Forms
- Instructions for - Invigilators
- Instructions for - Candidates
- Instructions for - Examiners
- Exam Marking Procedures
- Exam Question Analysis
- Exam Regulations
- Disciplinary Remedial Action



QUIET PLEASE

NO ENTRY

**Examination in
Progress**

Duration	1 Day
Language	English
Course Content	Book or CD
Target Group	Administration Personnel
Prerequisites	Examination Experience

GROUP 7 - Logistics & Stores Procedures

COURSE OUTLINE:

- Housekeeping & Stock Records
- Segregation of Components
- Serviceable Components
- Unserviceable Components
- Unsalvageable Components
- Raw Material Storage
- Consumable Material
- Shelf Life Monitoring
- Calibrated Tool Control
- Control of AGS Parts



Duration

1 Day

Language

English

Course Content

Book or CD

Target Group

Administration Personnel

Prerequisites

Examination Experience

GROUP 7 - AC Familiarisation Training

COURSE OUTLINE:

- Introduction to Aircraft
- Airframe Structure
- Operating Systems
- Landing Gear
- Air Conditioning
- Pneumatics
- Flight Controls
- Instrumentation
- Servicing
- Power Plant & Systems



Duration

5 Days = 30 Hours
Theoretical Training

Language

English

Course Content

Book or CD

Target Group

Engineering Personnel

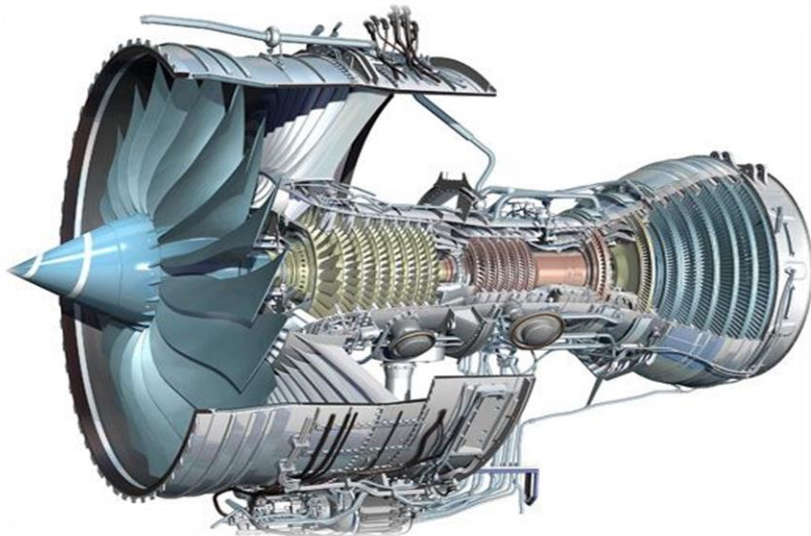
Prerequisites

Operational Experience

GROUP 7 - Power Plant Courses

COURSE OUTLINE:

- Introduction of Power Plant
- Engine Structure
- Rotating Assemblies
- Lubrication
- Fuel System
- Pneumatics
- Engine Controls
- Exhaust System
- Engine Cooling
- Servicing



Duration	5 Days = 30 Hours Theoretical Training
Language	English
Course Content	Book or CD
Target Group	Engineering Personnel
Prerequisites	Operational Experience

GROUP 7 - AC Ramp & Transit Courses

COURSE OUTLINE:

- Introduction of Aircraft
- Servicing Programme
- Engine Oil Replenishment
- Lubrication
- Refueling
- Wheel Change & Inflation
- Brake Unit Changes
- M. C. D. Procedures
- Engine Cowling Opening & Closing Procedures
- Hydraulic Fluid Safety Procedures



Duration

10 Days = 60 Hours

**NB:- Aircraft
Required**

Theoretical & Practical
Training

Language

English

Course Content

Book or CD

Target Group

Engineering Personnel

Prerequisites

Operational Experience

GROUP 7 - I. C. A. O. English

COURSE OUTLINE:

- English Level Assessment
- Structure of English Level Required
- ICAO Aviation English Introduction
- Aviation Communicative Terminology
- Situation Identification
- Sentence Construction
- Pronunciation
- Vocabulary Building & Usage
- English Fluency
- Oral & Written Examination



Duration

15 Days - 90 Hours Max

NB:-

**ICAO Level 4
Required for
International
Flights**

(Individual Assessment
Evaluation undertaken
for ICAO language skill
level Training Time)

Course Content

Book or CD

Target Group

Engineering Personnel

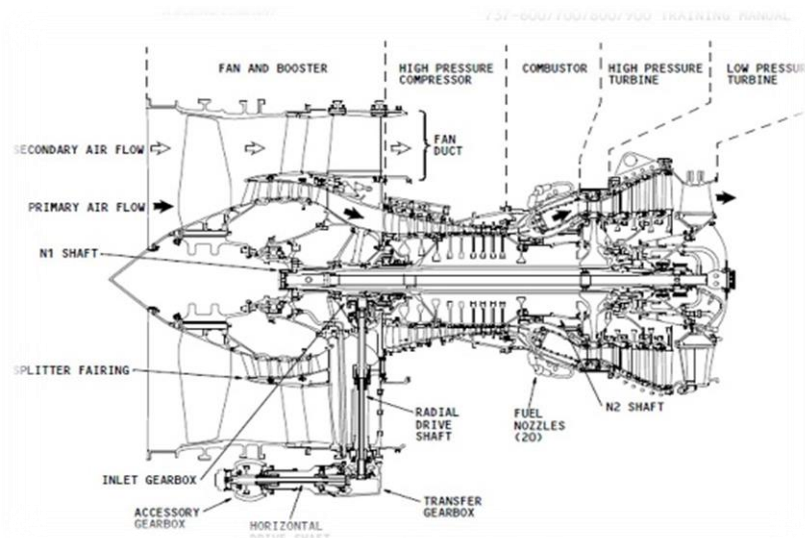
Prerequisites

Operational Experience

GROUP 7 - Technical English

COURSE OUTLINE:

- English Level Assessment
- Structure of English Level Required
- ICAO Aviation English Introduction
- Aviation Communicative Terminology
- Situation Identification
- Sentence Construction
- Pronunciation
- Vocabulary Building & Usage
- English Fluency
- Oral & Written Examination



Duration

10 Days = 60 Hours

**NB:- Aircraft
Required**

Theoretical & Practical
Training

Language

English

Course Content

Book or CD

Target Group

Engineering Personnel

Prerequisites

Operational Experience

GROUP 8 - EASA Part 66 - Modular Training

DURATION	3 Months
LANGUAGE	English
MODULE CONTENT	Book or CD

- Information to all the Modular Categories can be found in EASA Part 66 (Annex 1, 2 & 3.)
- All Courses can be held at a venue of the candidates choice.
- Stand alone modules can be instructed individually to best suit the candidates needs.

TARGET GROUP: Aircraft Engineers

PREREQUISITES: Operational Experience

MODULE TRAINING SYLLABUS

- Mathematics
- Physics & Fibre Optics
- Electrical Fundamentals
- Electronic Fundamentals
- Digital Techniques
- Aircraft Materials & Metals
- Safety Precautions & Mtce Procedures
- Basic Aerodynamics
- Human Factors
- EASA Aviation Legislation
- Aerodynamics Gas Turbine Engines
- Aerodynamics Reciprocal Engines
- Structures & Systems
- Propulsion
- Gas Turbine Engines
- Reciprocal Engines
- Propellers