



**4. SUBMISSION AND PAYMENT INSTRUCTIONS (see Guidance Notes)**

Send you completed application form to Civil Aviation Department, 7th Floor, P.A Complex, Hilaalee Magu, Male' 20307, Republic of Maldives, together with MRF/US\$ ..... being the fee payable in accordance with MCAR-187.

Cheques should be made payable to 'Civil Aviation Department' and cheques should be drawn on a bank in the United States of America or a bank in the Maldives. If the organisation wished to pay the Telex Transfer, the bank details of CAD is available upon request.

Receipt No: ..... Date: .....( CAD USE ONLY )

**5. DECLARATION OF ACCOUNTABLE MANAGER (\*delete as appropriate)**

I declare that the information provided on this form is correct.

Name (block capitals) ..... Signature .....

Date .....

Position in Company

It is an offence to make, with intent to deceive, any false representations for the purpose of procuring the grant, issue, renewal or variation of any certificate, licence, approval, permission or other document.

B1 TYPE TRAINING SYLLABUS TO MCAR-66 APPENDIX III

AIRFRAME/ENGINECOMBINATION: .....

SUBJECT	TRG LEVEL	HOURS			
		Classroom	CBT	CAT	Simulator/ Practical
ATA Chapter					
Introduction					
Manuals					
Zonal & Station Ident Systems	1				
Air-conditioning	3				
Avionic Systems	2				
Electrical Power	3				
Equip & Furnish	3				
Fire Protection	3				
Flight Controls/Fly by Wire	3				
Fuel	3				
Hydraulic	3				
Ice & Rain	3				
Instruments	3				
Landing Gear	3				
Lighting	3				
Oxygen	3				
Pneumatics/Vacuum	3				
Waste & Water	3				
On Board Maint System	3				
A.P.U.	3				
Airframe Structures	3				
Doors	3				
Fuselage	3				
Nacelles/Pylons	3				
Stabilisers	3				
Windows	3				
Wings	3				
Propellers	3				
Rotors	3				
Rotor Drives	3				
Tail Rotor	3				
Tail Rotor Drive	3				
Folding Blades/Pylon	3				
Rotor Flight Controls	3				
Engine Performance	3				
Inlet	3				
Compressors	3				
Combustion Section	3				
Turbine Section	3				
Exhaust	3				
Bearings & Seals	3				
Lubricants & Seals	3				
Fuel System	3				
FADEC	2				
Power Augmentation System	3				
Turbo Prop Engines	3				
Turbo Shaft Engines	3				

Powerplant Installation	3				
Fire Protection System	3				
Engine Monitoring & Ground Operation	3				
Engine Storage & Presentation	3				
Fuel Control	3				
Starting Ignition Systems	3				
Air Systems	3				
Engine Controls	3				
Engine Indication	3				
Exhaust	3				
Lubrication System	3				
Total Hours					

B2 TYPE TRAINING SYLLABUS TO MCAR-66 APPENDIX III

AIRFRAME/ENGINECOMBINATION: .....

SUBJECT	TRG LEVEL	HOURS			
		Classroom	CBT	CAT	Simulator/ Practical
Introduction					
Manuals					
Zonal & Station Indent System	1				
Air-conditioning	1				
Avionic Systems	3				
Eltron Emerg Equ & Cabin Entertainment Equ	3				
Electrical Power	3				
Equip & Furnish	3				
Fire Protection	1				
Flight Controls	2				
Fly By Wire	3				
Fuel	1				
Hydraulic	1				
Ice & Rain	1				
Instruments	3				
Landing Gear	1				
Lighting	3				
Oxygen	1				
Pneumatics/Vacuum	1				
Waste & Water	1				
Onboard Maint	3				
A.P.U.	1				
Airframe Structures	1				
Engine Constructional Arrangement and Operation	1				
Engine Performance	1				
Fuel System	1				
FADEC	3				
Engine Controls	1				
Engine Indication	3				
Fire Protection System	1				
Total Hours					

# APPROVAL OF TYPE TRAINING FOR A MCAR– 66 TYPE RATING – APPLICATION

## GUIDANCE

### General Guidance

- 1) Use this form to apply for approval of aircraft type training to lead to the grant of a type rating on a MCAR–66 licence where an approved MCAR-147 type course is not being used for that purpose. Approval must also be sought for Manufacturer's or other contracted out courses where they are not approved under MCAR–147. It may be necessary in these circumstances to supply additional training on those areas of the MCAR–66 syllabus that are not covered.
- 2) This form should be completed by the operator or maintenance organisation seeking the approval. The approval will be invested in and be specific to the operator or maintenance organisation, not the course provider, and will cover either a single, one off course or defined series of the same course within a 12 month time limit. The course user will be required to have carried out an assessment of the course against the criteria set out below and the standards in MCAR-66 Appendix III.
- 3) Where elements of training for the type rating are conducted separately, for example airframe and engine, or the course is split between different providers, the elements will be subject to separate approval and charged accordingly but the applicant organisation must ensure that the training as a whole covers the full scope of the type rating sought.

### Section 2 Course Description

The details of where the course is being held should be entered here. If you have answered No to any of the Yes/No check boxes you must include an explanation of what action you propose to take to make up any shortfall in meeting the normal requirement.

- 1) A Training Needs Analysis (mechanical and avionic examples of which are at Appendix 1) shall accompany this application and should state the course duration in days and hours, subjects instructed and the levels of training delivered. All courses should meet the specifications of MCAR-66 Appendix III. Unless it is intended that the training is to be restricted to cover only protected rights held below the full MCAR–66 Category/sub-Category, it must cover fully the Category/sub-Category for which the type rating will be sought and the certification authorisation that may need to be held. The course must include:
  - a) In service experience of the aircraft type;
  - b) Feedback from in services difficulties/occurrence reporting etc;
  - c) Significant Airworthiness Directives and/or Service Bulletins.

The theoretical training must be supplemented by a review of the aircraft or systems hardware, ground simulator time, engine running, and training aids such as aircraft system components and computer based training.

- 2) The facility at which the operator intends the course to be conducted must meet the requirements:
  - (a) It must be fully enclosed and separate from other facilities for the instruction of theory and conduct of knowledge exams
  - (b) It must be maintained at a light, noise and temperature/humidity level such that the students are able to concentrate on their studies or examinations as appropriate without undue distraction or discomfort.
  - (c) The facility must have access to appropriate examples of the aircraft type. Synthetic training examples may also be used when the CAD is satisfied that such synthetic training devices ensure good training standards.

In most cases the CAD will carry out an audit of the training facility as part of the approval process.

If the approval covers more than a single, one-off course, the approval holder shall notify material changes in staff, syllabuses or facilities to the CAD. Approval shall become invalid if any of the information supplied in support of the application for approval is no longer correct. To ensure that these requirements are being met the CAD shall have reasonable access to the training organisation and its records.

- 3) Course examinations shall comprise multi choice questions and each question is to have three alternative answers of which only one is correct. The time allowed for answering each question is to be 120 seconds for level 3 questions and 75 seconds for level 1 and 2. The minimum number of questions shall be related to the course length with at least one question for each hour of instruction. The examination shall be of "closed book" style with a pass mark of 75% and no penalty marking. Phase examinations should be a minimum of four questions for each ATA chapter and the questions may not be used in the final examination.
- 4) On successful completion of the course, a Course Certificate will be issued for each student by the training provider clearly stating the scope of the training. Aircraft type training which has been approved by the CAD will be recognised for that part of the requirement to add a type rating to a MCAR-66 AML.

**Section 4 Submission and Payment Instruction**

The fee for the Approval must be enclosed/authorised with this application.

You must enclose the Training Needs Analysis for the course plus a sample of the course notes and final examination questions.

**Section 5 Declaration**

This section must be signed by the Accountable Manager of the Operator or Maintenance Organisation applying for approval.