

MODULE 10 – AVIATION LEGISLATION

Sl. No.	Topics to be Covered	Level
		B1.1
10.1.	REGULATORY FRAMEWORK	
	a. Role of International Civil Aviation Organization (ICAO);	1
	b. Aircraft Act and Rules made under the ICAO role of the DGCA	
	c. Relationship between CAR-21, CAR-M, CAR-145, CAR-66, CAR 147.	
	d. The Aircraft Rules (Applicable to Aircraft Maintenance and Release)	
	e. Aeronautical Information Circulars (Applicable to Aircraft Maintenance and Release)	
	f. CAR Section 1 and 2	
10.2.	CAR-66 CERTIFYING STAFF – MAINTENANCE	
	a. Detailed understanding of CAR-66.	2
10.3.	CAR-145 — APPROVED MAINTENANCE ORGANIZATIONS	
	a. Detailed understanding of CAR-145 and CAR M Subpart F	2
10.4.	AIRCRAFT OPERATIONS	
	a. Commercial Air Transport/Commercial Operations;	1
	b. Air Operators Certificates;	
	c. Operators Responsibilities, in particular regarding continuing airworthiness and maintenance;	
	d. Documents to be carried on board;	
	e. Aircraft Placarding (Markings);	
10.5.	AIRCRAFT CERTIFICATION	
	a. General – Certification rules: such as FAA & EACS 23/25/27/29;	1
	b. Type Certification;	
	c. Supplemental Type Certification;	
	d. CAR-21 Design/Production Organization Approvals.	
	e. Aircraft Modifications and repairs approval and certification	
	f. Permit to fly requirements	
	g. Documents- Certificate of Airworthiness;	2
	h. Certificate of Registration;	
	i. Noise Certificate;	
	j. Weight Schedule;	
	k. Radio Station License and Approval.	
10.6.	CAR – M	
	a. Detail understanding of CAR M provisions related to Continuing Airworthiness	2
	b. Detailed understanding of CAR-M.	

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10.7.	APPLICABLE NATIONAL AND INTERNATIONAL REQUIREMENTS	
	a. Maintenance Programme, Maintenance checks and inspections;	2
	b. Master Minimum Equipment Lists, Minimum Equipment List, Dispatch Deviation Lists;	
	c. Airworthiness Directives; Service Bulletins, manufacturers service information; Modifications and repairs	
	d. Maintenance documentation: maintenance manuals, structural repair manual, Illustrated parts catalogue, etc.;	
	e. Continuing airworthiness;	
	f. Test flights;	
	g. ETOPS /EDTO, maintenance and dispatch requirements;	
	h. RVSM, maintenance and dispatch requirements	
	i. RNP, MNPS Operations, All Weather Operations	
	j. Category 2/3 operations and minimum equipment requirements.	
10.8.	SAFETY MANAGEMENT SYSTEM	
	a. State Safety Programme	2
	b. Basic Safety Concepts	
	c. Hazards & Safety Risks	
	d. SMS Operation	
	e. SMS Safety performance	
	f. Safety Assurance	
10.9.	FUEL TANK SAFETY	
	a. Special Federal Aviation Regulations (SFARs) from 14 CFR SFAR 88 of the FAA and of JAA TGL 47	2
	b. Concept of CDCCL	
	c. Airworthiness Limitations Items (ALI)	