

## MODULE 10 – AVIATION LEGISLATION

Sl. No.	Topics to be Covered	Level
		B2
<b>10.1.</b>	<b>REGULATORY FRAMEWORK</b>	
	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	
<b>10.2.</b>	<b>CAR-66 CERTIFYING STAFF – MAINTENANCE</b>	
	a. Detailed understanding of CAR-66.	2
<b>10.3.</b>	<b>CAR-145 — APPROVED MAINTENANCE ORGANIZATIONS</b>	
	a. Detailed understanding of CAR-145 and CAR M Subpart F	2
<b>10.4.</b>	<b>AIRCRAFT OPERATIONS</b>	
	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);	
<b>10.5.</b>	<b>AIRCRAFT CERTIFICATION</b>	
	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.	
<b>10.6.</b>	<b>CAR – M</b>	
	a. Detail understanding of CAR M provisions related to Continuing Airworthiness	2
	b. Detailed understanding of CAR-M.	

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<b>10.7.</b>	<b>APPLICABLE NATIONAL AND INTERNATIONAL REQUIREMENTS</b>	
	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.	
<b>10.8.</b>	<b>SAFETY MANAGEMENT SYSTEM</b>	
	a. State Safety Programme	2
	b. Basic Safety Concepts	
	c. Hazards & Safety Risks	
	d. SMS Operation	
	e. SMS Safety performance	
	f. Safety Assurance	
<b>10.9.</b>	<b>FUEL TANK SAFETY</b>	
	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)	