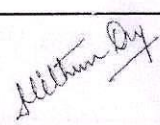

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PART – 2		TRAINING & EXAMINATION PROCEDURE		


2.1.11.5. Aeroplane Piston (B1.2) Category – For Batch Inducted/ Admitted in July 2023 and Onwards: -

FIRST SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AP1.3 & AP1.3P	Electrical Fundamentals – 1	3	100	70	X
02.	AP1.8 & AP1.8P	Basic Aerodynamics	8	60	32	X
03.	AP1.10	Aviation Legislation – 1	10	140	X	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				300	102	X
				300	102	
				402		

SECOND SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AT2.4 & AP2.4P	Electronic Fundamentals	4	70	40	X
02.	AP2.6 & AP2.6P	Material and Hardware-1	6	60	30	X
03.	AP2.9A	Human Factor	9A	70	X	X
04.	AP2.10	Aviation Legislation-2	10	120	X	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				320	70	X
				320	70	
				390		

THIRD SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AP3.5 & AP3.5P	Digital Techniques Electronic Instrument Systems	5	65	18	X
02.	AP3.6 & AP3.6P	Materials And Hardware-2	6	60	40	X
03.	AP3.7A & AP3.7AP	Maintenance Practices	7A	120	80	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				245	Validity unknown	
				245	Signed by: S. Dasu Director (Airworthiness)	
				Date: 30 Jun 2025 19:23:39		

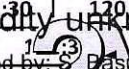
Prepared by: MITHUN DEY TRAINING MANAGER  SIGNATURE WITH SEAL 	Approved By: The O/o DDG, Western Region, Mumbai
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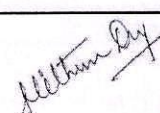

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PART – 2		TRAINING & EXAMINATION PROCEDURE		

FOURTH SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AP4.11B & AP4.11BP	Piston Aeroplane Aerodynamics Structures & Systems-1	11B	68	42:30	X
02.	AP4.16 & AP4.16P	Piston Engine-1	16	40	36	X
03.	AP4.17A & AP4.17AP	Propeller	17A	40	30	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				148	108:30	X
				148	108:30	
				256:30		

FIFTH SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AP5.11B & AP5.11BP	Piston Aeroplane Aerodynamics Structures & Systems-2	11B	53	50	120
02.	AP5.16 & AP5.16P	Piston Engine-2	16	35	30	
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				88	80	120
				88	200	
				288		

SIXTH SEMESTER – AEROPLANE PISTON (B1.2) CATEGORY (INDUCTED/ ADMITTED IN JULY 2023)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	AP6.11B & AP6.11BP	Piston Aeroplane Aerodynamics Structures & Systems-3	11B	69	37:30	120
02.	AP6.16 & AP6.16P	Piston Engine-3	16	30	24	
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				99	61:30	120
				99	200	
				299		

Validity unknown
 Signed by: 
 Dir. (Airworthiness)
 Date: 17-Jun-2025
 19:23:39

Prepared by: MITHUN DEY TRAINING MANAGER  SIGNATURE WITH SEAL 	Approved By: The O/o DDG, Western Region, Mumbai
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