	<b>WESTERN INDIA INSTITUTE OF AERONAUTICS PVT. LTD</b>		ISSUE NO.	06
			ISSUE DATE	04-04-2024
	<b>MAINTENANCE TRAINING ORGANIZATION EXPOSITION (MTOE)</b>		REV. NO	00
			REV. DATE	NIL
DOCUMENT REFERENCE		WIIA/MTOE/01	PAGE NO.	25
<b>PART – 2</b>		<b>TRAINING &amp; EXAMINATION PROCEDURE</b>		

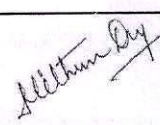

2.1.11.6. Helicopter Turbine (B1.3) Category – For Batch Inducted/ Admitted in July 2024 and onwards: -


FIRST SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT1.3 & HT1.3P	Electrical Fundamentals – 1	3	100	70	X
02.	HT1.8 & HT1.8P	Basic Aerodynamics	8	60	32	X
03.	HT1.10	Aviation Legislation – 1	10	140	X	X
				300	102	X
<b>TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL</b>				300	102	
				402		

SECOND SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT2.4 & HT2.4P	Electronic Fundamentals	4	70	40	X
02.	HT2.6 & HT2.6P	Material and Hardware-1	6	60	30	X
03.	HT2.9A	Human Factor	9A	70	X	X
04.	HT2.10	Aviation Legislation-2	10	120	X	X
				320	70	X
<b>TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL</b>				320	70	
				390		

Validity unknown

Signed by: S. Basu  
Director (Airworthiness)  
Date: 17-Jun-2025  
19:23:39

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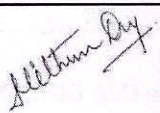

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<b>PART – 2</b>		<b>TRAINING &amp; EXAMINATION PROCEDURE</b>		


THIRD SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT3.5 & HT3.5P	Digital Techniques Electronic Instrument Systems	5	100	50	X
02.	HT3.6 & HT3.6P	Materials And Hardware-2	6	60	40	X
03.	HT3.7A & HT3.7AP	Maintenance Practices	7A	120	80	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				280	170	X
				280	170	
				450		

FOURTH SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT4.12 & HT4.12P	Helicopter Aerodynamics Structures & Systems-1	12	158	110	X
02.	HT4.15 & HT4.15P	Gas Turbine Engine-1	15	60	50	X
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				218	160	X
				218	160	
				378		

Validity unknown

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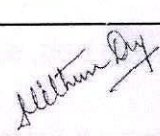

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FIFTH SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT5.12 & HT5.12P	Helicopter Aerodynamics Structures & Systems-2	12	92	60	145
02.	HT5.15 & HT5.15P	Gas Turbine Engine-2	15	60	25	
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				152	85	145
				152	230	
				382		

SIXTH SEMESTER – HELICOPTER TURBINE (B1.3) CATEGORY (INDUCTED/ ADMITTED IN JULY 2024)						
Sr. No.	Subject Code	Subject Name	Module Covered	Hours Allotted		
				Theory	Practical	
					CAR 147	CAR 145
01.	HT6.12 & HT6.12P	Helicopter Aerodynamics Structures & Systems-3	12	90	60	143
02.	HT6.15 & HT6.15P	Gas Turbine Engine-3	15	80	25	
TOTAL HOURS ALLOTTED – THEORY AND PRACTICAL				170	85	143
				170	228	
				398		

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Director (Airworthiness)  
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