

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)
	CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1	1
Basic Structure Repair Manual – SM1		A350	5		2	2	2
Damage Assessment for Line Mechanics – SD1		A320/A330/A340 A380 A350	2 3 5	2			
Structure Repair Manual Course - SD2		A320/A330/A340	3		3	3	
Part 145 Composite Core Course for Technicians – XSQ1		All programs	15 incl. 11 practicals				3
Part 145 Difference Course – XST1		All programs	5 incl. 0.5 practicals				3'

SPECIALISED COURSES		Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope			Repair Staff - Shop only			Engineering		Composite Repair Staff – Part 145
				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic	
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		1			1				
	Glare Repair for Technicians – LSA8	A380	3 practicals			4			1			
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals		4			1				
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5			2				
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals		5'			2'				4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4	
	Metallic Structure Repair Engineering Course – XSC1	All programs	10								5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4		

OTHER COURSES	Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope			Repair Staff - Shop only			Engineering		Composite Repair Staff – Part 145				
					Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic					
					Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x		x	x	x	
					Corrosion Control – XSA6	All programs	2		x			x				x	
Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals		x			x			x							
Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x							

Line Mechanics

STRUCTURE LEARNING PATHS

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Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)			
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1	1	1			
	Basic Structure Repair Manual – SM1	A350	5	2		2	2			
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A380 A350	2 3 5	2						
	Structure Repair Manual Course - SD2	A320/A330/A340	3	3		3				
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl. 11 practicals				3			
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals				3'			
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		Composite	Metallic	Glare	Composite	Metallic	
	Glare Repair for Technicians – LSA8	A380	3 practicals				4		1	
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals		4			1		
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5			2		
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals		5'			2'		4
	Repair Engineering Course Level 1 – XSC5	All programs	5						4	
	Metallic Structure Repair Engineering Course – XSC1	All programs	10						5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals					4		
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	X	X	X	X	X	X	X
	Corrosion Control – XSA6	All programs	2		X			X		X
	Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals		X			X		
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3							X

Repair Staff (full Scope)

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)			Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)		
				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1					1	1
	Basic Structure Repair Manual – SM1	A350	5		2					2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A380 A350	2 3 5	2							
	Structure Repair Manual Course - SD2	A320/A330/A340	3		3					3	
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl. 11 practicals								3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals								3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		1			1			
	Glare Repair for Technicians – LSA8	A380	3 practicals			4			1		
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals		4		1				
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5		2				
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals		5'		2'				4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4
	Metallic Structure Repair Engineering Course – XSC1	All programs	10								5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4	
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x	x	
	Corrosion Control – XSA6	All programs	2		x			x			x
	Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals		x		x		x		
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x

Repair Staff (shop only)

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)			Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)
					Composite	Metallic	Glare		
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1			1	1
	Basic Structure Repair Manual – SM1	A350	5		2			2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A380 A350	2 3 5	2					
	Structure Repair Manual Course - SD2	A320/A330/A340	3		3			3	
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl. 11 practicals						3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals						3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			1			
	Glare Repair for Technicians – LSA8	A380	3 practicals					4	
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals		4		1		
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5		2		
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals		5'		2'		4
	Repair Engineering Course Level 1 – XSC5	All programs	5						4
	Metallic Structure Repair Engineering Course – XSC1	All programs	10						5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals						4
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x
	Corrosion Control – XSA6	All programs	2			x			x
	Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals		x				x
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3						x

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)			Composite Repair Staff – Part 145 (Recommended course order)		
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1				1	1	
	Basic Structure Repair Manual – SM1	A350	5		2				2	2	
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A380 A350	2 3 5	2							
	Structure Repair Manual Course - SD2	A320/A330/A340	3		3				3		
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl. 11 practicals							3	
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals							3'	
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			Composite	Metallic	Glare	Composite	Metallic	Glare
	Glare Repair for Technicians – LSA8	A380	3 practicals					4			1
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals			4			1		
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals			5			2		
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals			5'			2'		4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4
	Metallic Structure Repair Engineering Course – XSC1	All programs	10								5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4	
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x	x	x
	Corrosion Control – XSA6	All programs	2				x			x	
	Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals			x			x		
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x

Composite Repair Staff

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							Composite Repair Staff – Part 145 (Recommended course order)							
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A380 A350	5 2	1	1	1	1						1	
	Basic Structure Repair Manual – SM1	A350	5		2		2						2	
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A380 A350	2 3 5	2										
	Structure Repair Manual Course - SD2	A320/A330/A340	3		3		3							
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl. 11 practicals											3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals											3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic
	Glare Repair for Technicians – LSA8	A380	3 practicals						4			1		
	Basic Composite Repair for Technicians – XSA2	All programs	5 incl. 4 practicals		4					1				
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5					2				
	Specific Composite Repair for Technicians – SA7	A350 A380	4 practicals 5 incl. 4 practicals		5'					2'				4
	Repair Engineering Course Level 1 – XSC5	All programs	5											4
	Metallic Structure Repair Engineering Course – XSC1	All programs	10											5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals										4	
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x	x	x	x	x	
	Corrosion Control – XSA6	All programs	2								x		x	
	Radome repair for Technicians – SA9	A320/A330/A340 A350 A380	5 incl. 4 practicals		x					x			x	
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3										x	