

# Overview

## STRUCTURE LEARNING PATHS

### TARGETED POPULATION

#### Learning paths

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)
<b>CORE COMPETENCIES COURSES</b>	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1	1	1
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2	2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2			
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		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'

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)	Composite			Metallic		
						Composite	Metallic	Glare	Composite	Metallic	Glare
<b>SPECIALISED COURSES</b>	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		4			1			
	Basic Composite Repair for Technicians – XSA2	All programs +A220	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	A220 A350	3 practicals 4 practicals		5'			2'			4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4
	Metallic Structure Repair for Engineers – XSC1	All programs	10								5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4	

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)	Other Courses					
								Fuel Leaks Detection & Repair – XSA4	Corrosion Control – XSA6	Radome repair for Technicians – SA9	Fatigue & Damage Tolerance for Engineers – XSC4		
<b>OTHER COURSES</b>	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	5 incl. 4 practicals		x			x					
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x		

# Line Mechanics

## STRUCTURE LEARNING PATHS

### TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	TARGETED POPULATION												
				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)									
<b>CORE COMPETENCIES COURSES</b>	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1		1	1								
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2		2	2								
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2												
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		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'							
	<b>SPECIALISED COURSES</b>	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic			
Basic Composite Repair for Technicians – XSA2		All programs +A220	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		A220 A350	3 practicals 4 practicals		5'			2'					4			
Repair Engineering Course Level 1 – XSC5		All programs	5									4				
Metallic Structure Repair for Engineers – XSC1		All programs	10									5				
Composite Repair for Engineers – XSC3		All programs	9 incl. 3 practicals								4					
<b>OTHER COURSES</b>	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	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	5 incl. 4 practicals		x				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
<b>CORE COMPETENCIES COURSES</b>	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1				1		1
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2				2		2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2							
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		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'
<b>SPECIALISED COURSES</b>	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		4			1			
	Basic Composite Repair for Technicians – XSA2	All programs +A220	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	A220 A350	3 practicals 4 practicals	5'			2'				4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4
	Metallic Structure Repair for Engineers – XSC1	All programs	10								5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4	
<b>OTHER COURSES</b>	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	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

CORE COMPETENCIES COURSES

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	TARGETED POPULATION		
					Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff — Part 145 (Recommended course order)
A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1		1	1
Basic Structure Repair Manual – SM1	A220 A350	2 5		2		2	2
Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2				
Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		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

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Composite			Metallic			Glare	
				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic
Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			4			1			
Basic Composite Repair for Technicians – XSA2	All programs +A220	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	A220 A350	3 practicals 4 practicals		5'			2'				4
Repair Engineering Course Level 1 – XSC5	All programs	5								4	
Metallic Structure Repair for Engineers – 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		x	
Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals		x			x			x	
Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x	

# Engineers

## 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		
<b>CORE COMPETENCIES COURSES</b>	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1						1	
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2						2	
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2								
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		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'
<b>SPECIALISED COURSES</b>	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			4			1			
	Basic Composite Repair for Technicians – XSA2	All programs +A220	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	A220 A350	3 practicals 4 practicals			5'			2'			4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4	
	Metallic Structure Repair for Engineers – XSC1	All programs	10								5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals								4	
<b>OTHER COURSES</b>	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	5 incl. 4 practicals		x				x		x	
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x	

# Composite Repair Staff

## STRUCTURE LEARNING PATHS

### TARGETED POPULATION

Learning paths	Aircraft Type	Courses (days)	Duration	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		
<b>CORE COMPETENCIES COURSES</b>	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5		1	1	1						1	
	Basic Structure Repair Manual – SM1	A220 A350	2 5			2	2						2	
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5		2									
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5			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'
<b>SPECIALISED COURSES</b>	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals					4			1			
	Basic Composite Repair for Technicians – XSA2	All programs +A220	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	A220 A350	3 practicals 4 practicals					5'			2'			4
	Repair Engineering Course Level 1 – XSC5	All programs	5										4	
	Metallic Structure Repair for Engineers – XSC1	All programs	10										5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals									4		
<b>OTHER COURSES</b>	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	5 incl. 4 practicals					x			x			
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3										x	