

CHAPTER

53

Fuselage

CHAPTER 53
FUSELAGE

Subject/Page	Date	COC	Subject/Page	Date	COC
53-EFFECTIVE PAGES					
1	Oct 15/2023				
2	BLANK				
53-CONTENTS					
1	Oct 15/2021				
2	BLANK				
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1	Oct 15/2021				
2	Oct 15/2021				
3	Oct 15/2021				
4	Oct 15/2021				
5	Oct 15/2021				
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A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

53-EFFECTIVE PAGES



CHAPTER 53
FUSELAGE

<u>CH-SC-SU</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>EFFECT</u>
53-00-00	FUSELAGE - INTRODUCTION	2	SIA ALL
53-00-00	FUSELAGE - NOSE RADOME	4	SIA ALL

53-CONTENTS

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ECCN 9E991 BOEING PROPRIETARY - See title page for details



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FUSELAGE - INTRODUCTION

General

The fuselage is a semi-monocoque structure. Most of material in the fuselage is aluminum.

These auxiliary structures attach to the fuselage:

- Nose radome
- Wing-to-body fairing
- Tail cone.

These dimensions give locations on the fuselage. The scale for each dimension is inches.

- Station line
- Body buttock line
- Water line.

The body station line (STA) is a horizontal dimension. It starts at station line zero. You measure the body station line from a vertical reference plane that is forward of the airplane.

The body buttock line (BL) is a lateral dimension. You measure the buttock line to the left or right of the airplane center line.

The water line (WL) is a height dimension. You measure the water line from a horizontal reference plane below the airplane.

Training Information Point

Information on the section numbers, zone numbers, and access panel numbers is in the maintenance planning data document (MPD).

Abbreviations and Acronyms

- BL - buttock line
- LBL - left buttock line
- MPD - maintenance planning data document
- RBL - right buttock line
- sta - station

- WL - water line

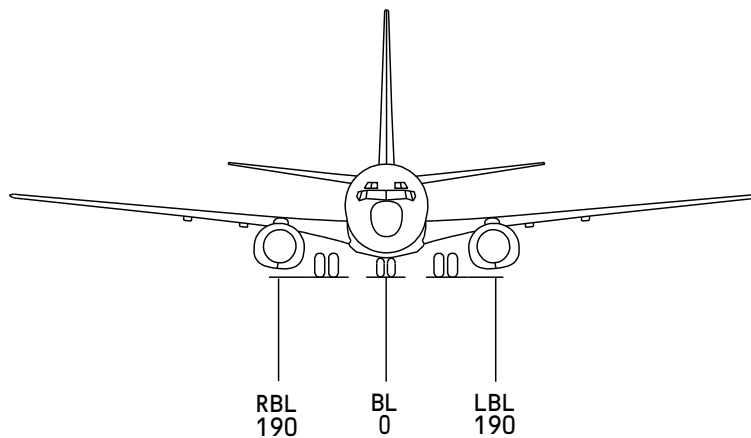
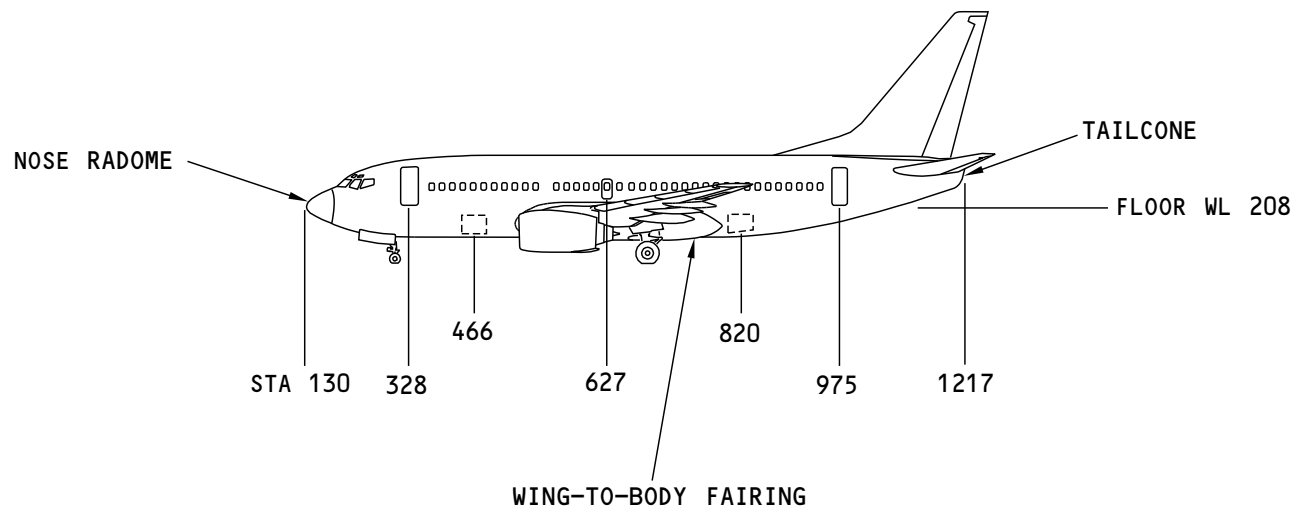
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FUSELAGE - INTRODUCTION



FUSELAGE - INTRODUCTION

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FUSELAGE - NOSE RADOME

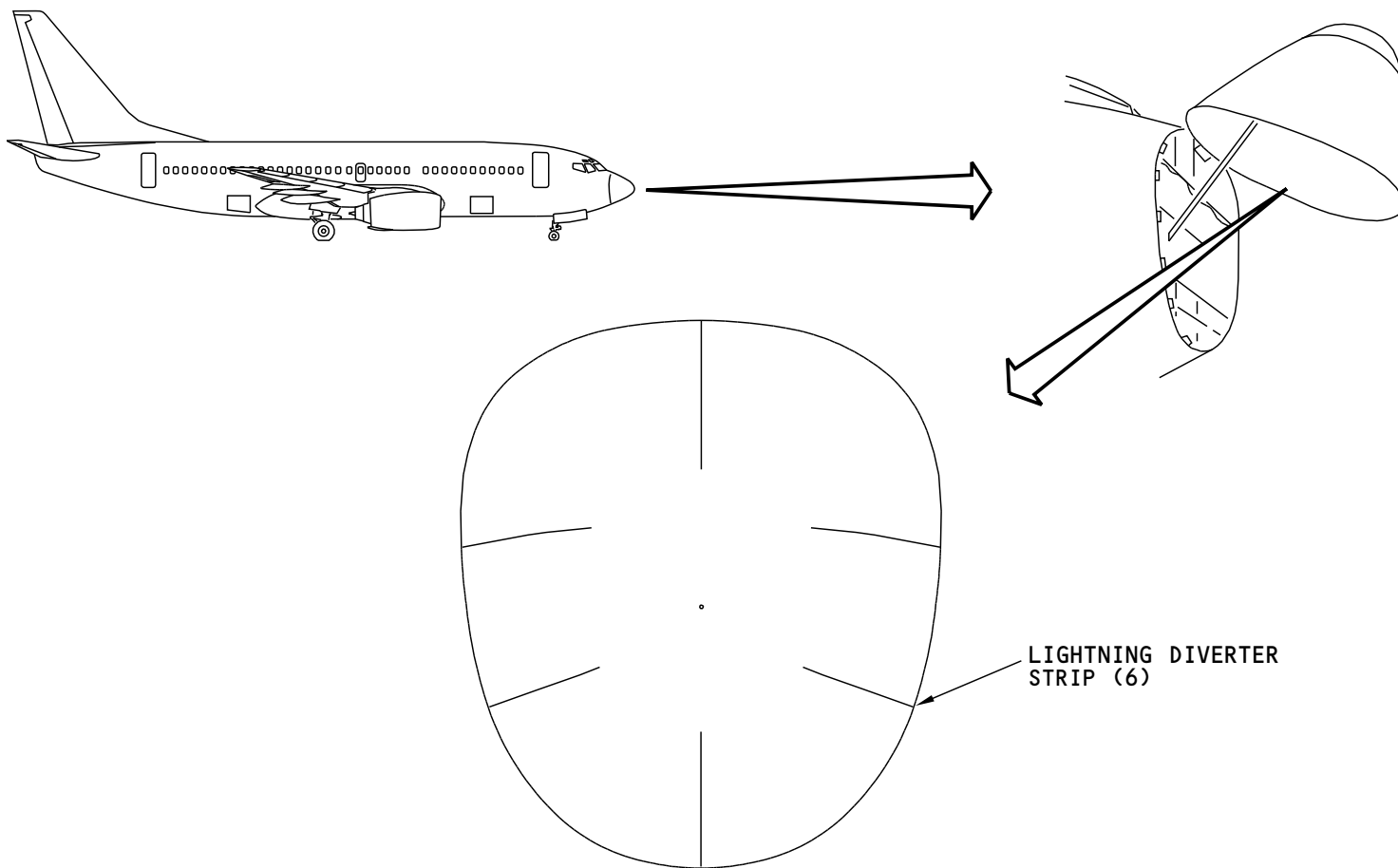
General

The nose radome is an aerodynamic fairing on the front of the fuselage. Most of the material in the radome is fiberglass.

The radome area has navigation and weather radar antennas. Lightning diverter strips prevent damage to these antennas and the equipment they connect to. The lightning diverter strips decrease lightning energy and transmit it to the airframe.

See the navigation chapter for more information on the navigation and weather radar antennas. (CHAPTER 34)

FUSELAGE - NOSE RADOME



LIGHTNING DIVERTER
STRIP (6)

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FUSELAGE - NOSE RADOME

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