CHAPTER

55

Stabilizers

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STABILIZERS

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A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

55-EFFECTIVE PAGES

CHAPTER 55
STABILIZERS

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STABILIZERS - HORIZONTAL STABILIZER - GENERAL DESCRIPTION

General

Most of material in the horizontal stabilizer is aluminum. The elevator is graphite composite.

Horizontal Stabilizer Reference Dimensions

The horizontal stabilizer has three reference dimensions. These reference dimensions give horizontal stabilizer locations in inches. Measure each location from buttock line 0. These are the horizontal stabilizer reference dimensions:

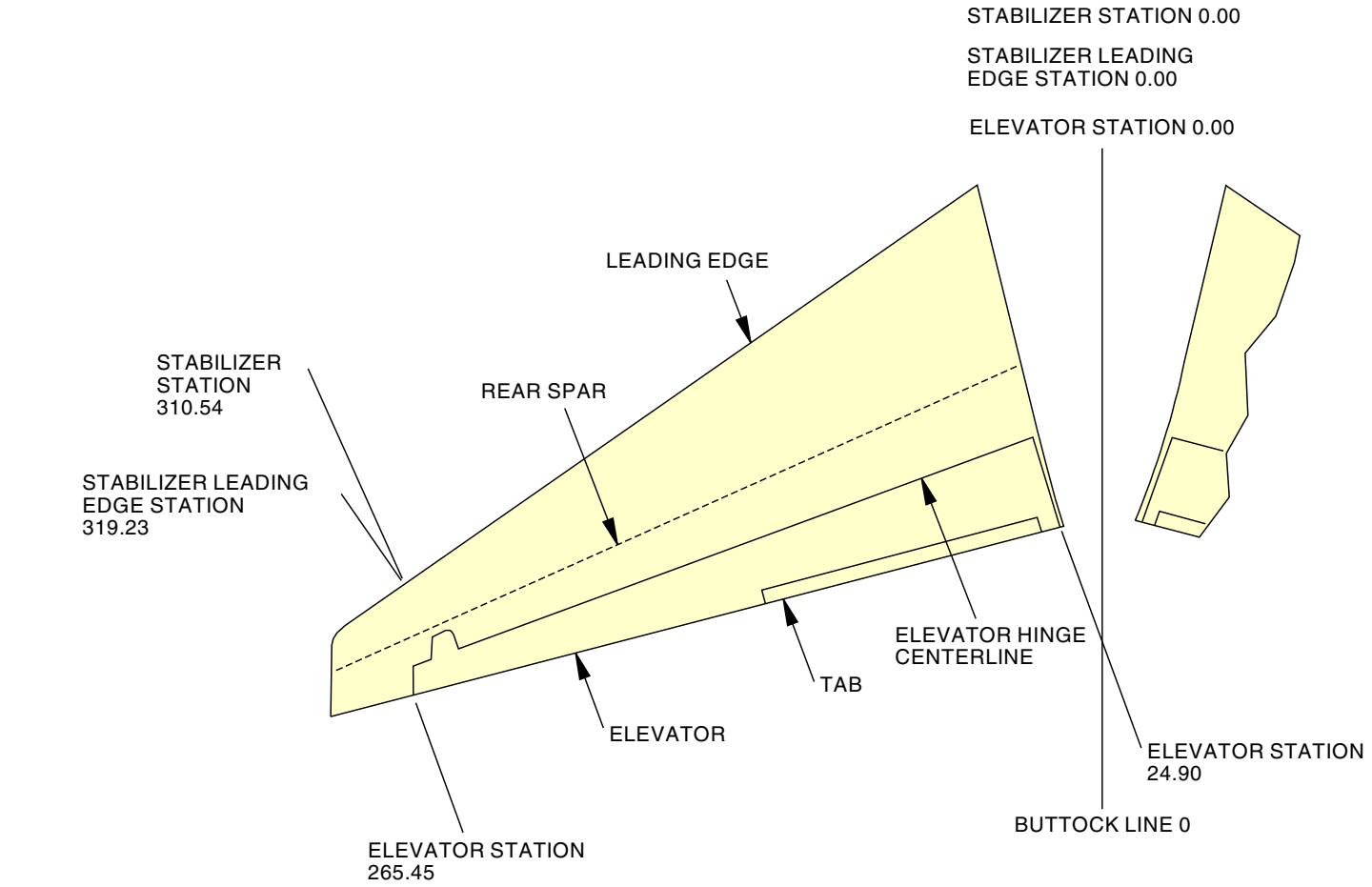
- Stabilizer station
- Stabilizer leading edge station
- Elevator station.

Measure stabilizer stations perpendicular to the horizontal stabilizer rear spar.

Measure stabilizer leading edge stations perpendicular to the horizontal stabilizer leading edge.

Measure elevator stations perpendicular to the elevator hinge centerline.

STABILIZERS - HORIZONTAL STABILIZER - GENERAL DESCRIPTION



NOTE: LEFT HALF OF HORIZONTAL STABILIZER IS SHOWN.

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STABILIZERS - HORIZONTAL STABILIZER - GENERAL DESCRIPTION

STABILIZERS - VERTICAL STABILIZER - GENERAL DESCRIPTION

General

Most of material in the vertical stabilizer is aluminum. The rudder is graphite composite.

Vertical Stabilizer Reference Dimensions

The vertical stabilizer has four reference dimensions. These reference dimensions give vertical stabilizer locations in inches. These are the vertical stabilizer reference dimensions:

- Vertical stabilizer station
- Vertical stabilizer leading edge station
- Rudder station
- Vertical stabilizer waterline.

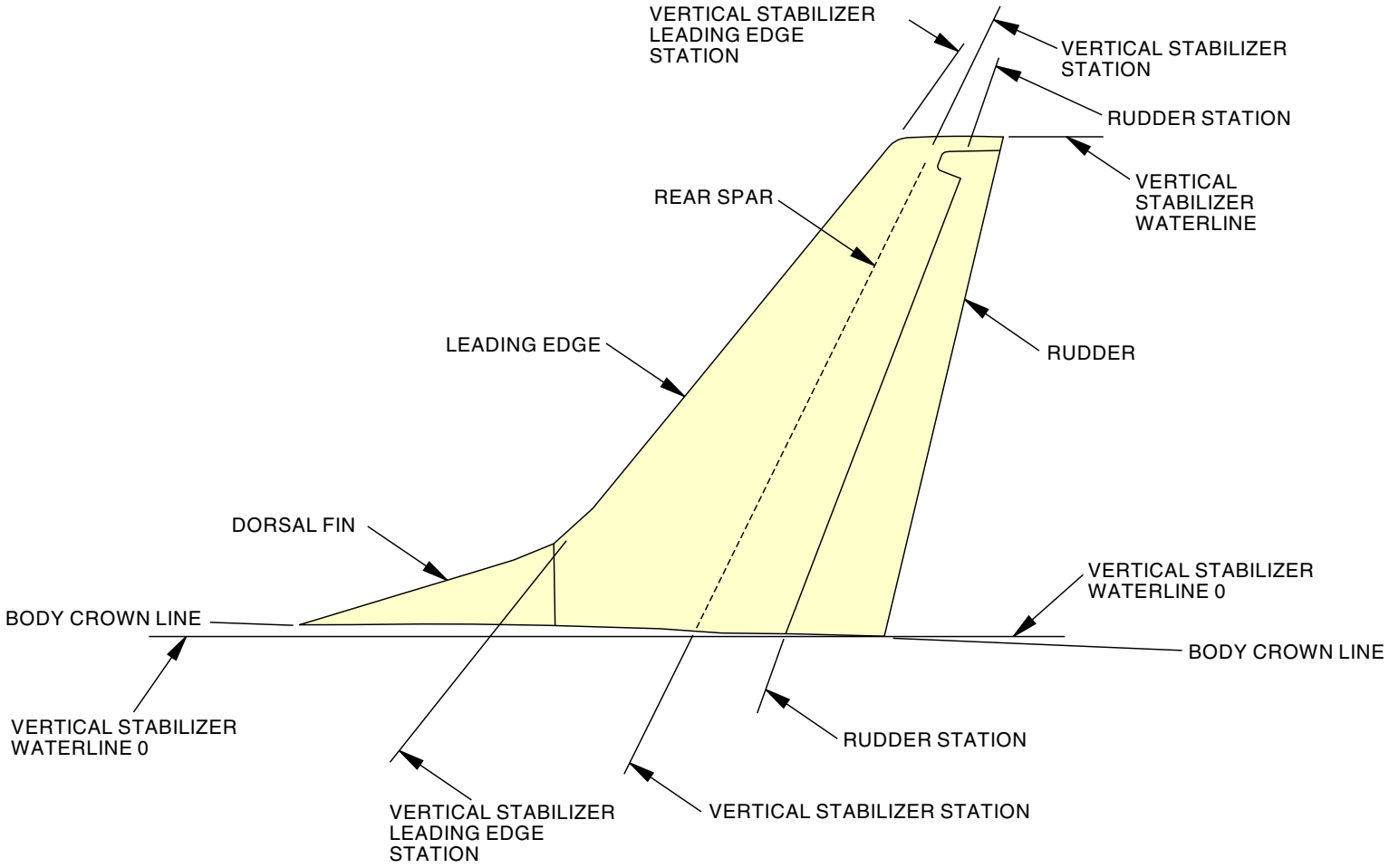
Measure the vertical stabilizer station perpendicular to the vertical stabilizer rear spar. Vertical stabilizer station 0 starts at the body crown line.

Measure the vertical stabilizer leading edge station perpendicular to the vertical stabilizer leading edge. Vertical stabilizer leading edge station 0 starts at the body crown line.

Measure the rudder station perpendicular to the rudder hinge centerline. Rudder station 0 starts at the body crown line.

Measure the vertical stabilizer waterline parallel to the body waterline.

STABILIZERS - VERTICAL STABILIZER - GENERAL DESCRIPTION



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STABILIZERS - VERTICAL STABILIZER - GENERAL DESCRIPTION