



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

February 9, 2019

STRUCTURES

Group Chairman's Factual Report

WPR19FA079

**Appendix A – Figures
(6 pages)**

CHANCELLOR

WING

TAIL (VERTICAL):

TAIL (HORIZONTAL)

ROOT-NACA 0009 MODIFIED
TIP-NACA 0006 MODIFIED

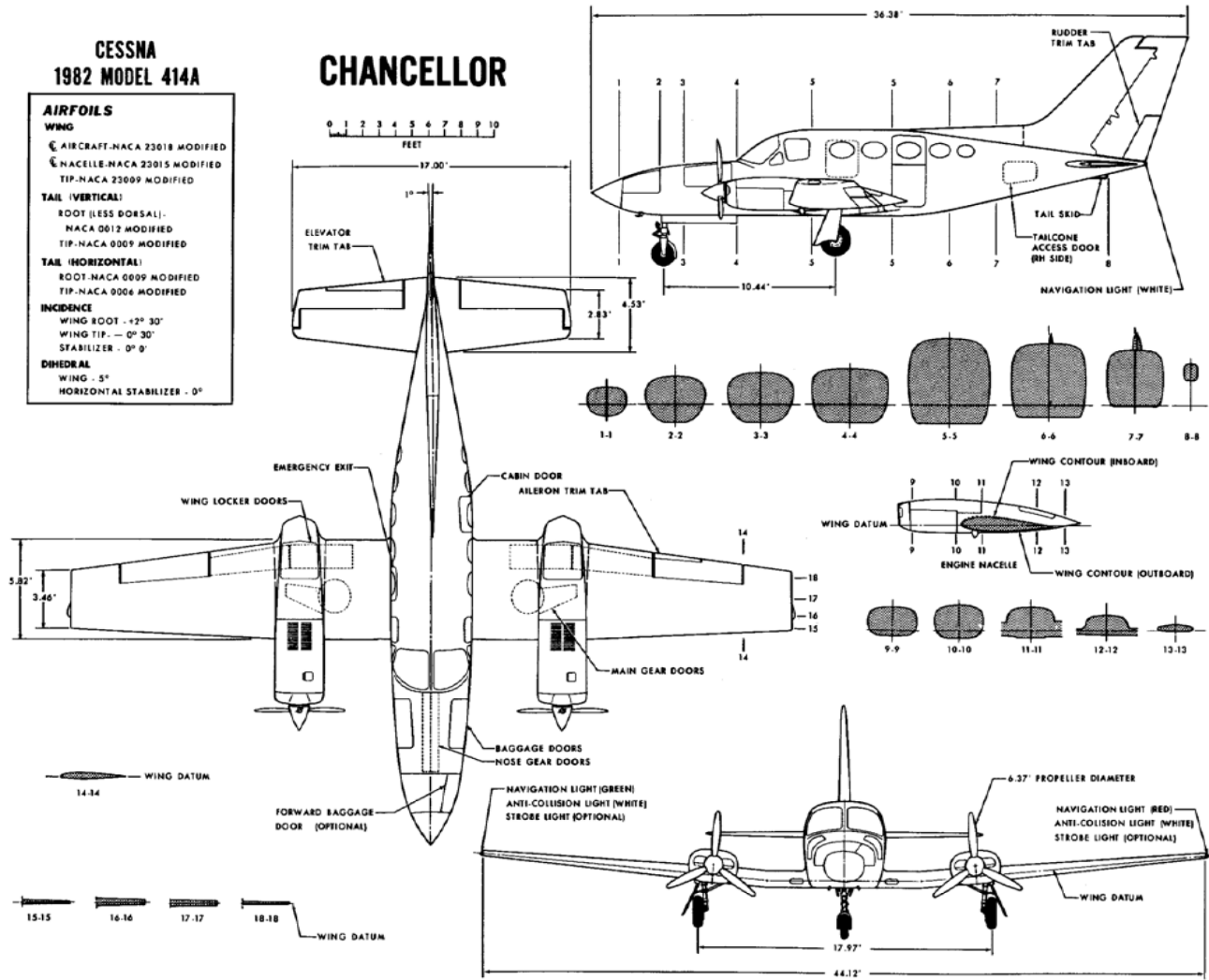
INCIDENCE

WING ROOT $+2^{\circ} 30'$ WING TIP. — $0^{\circ} 30'$

DIMEDRAL

WING - 5°

HORIZONTAL STABILIZER - 0°



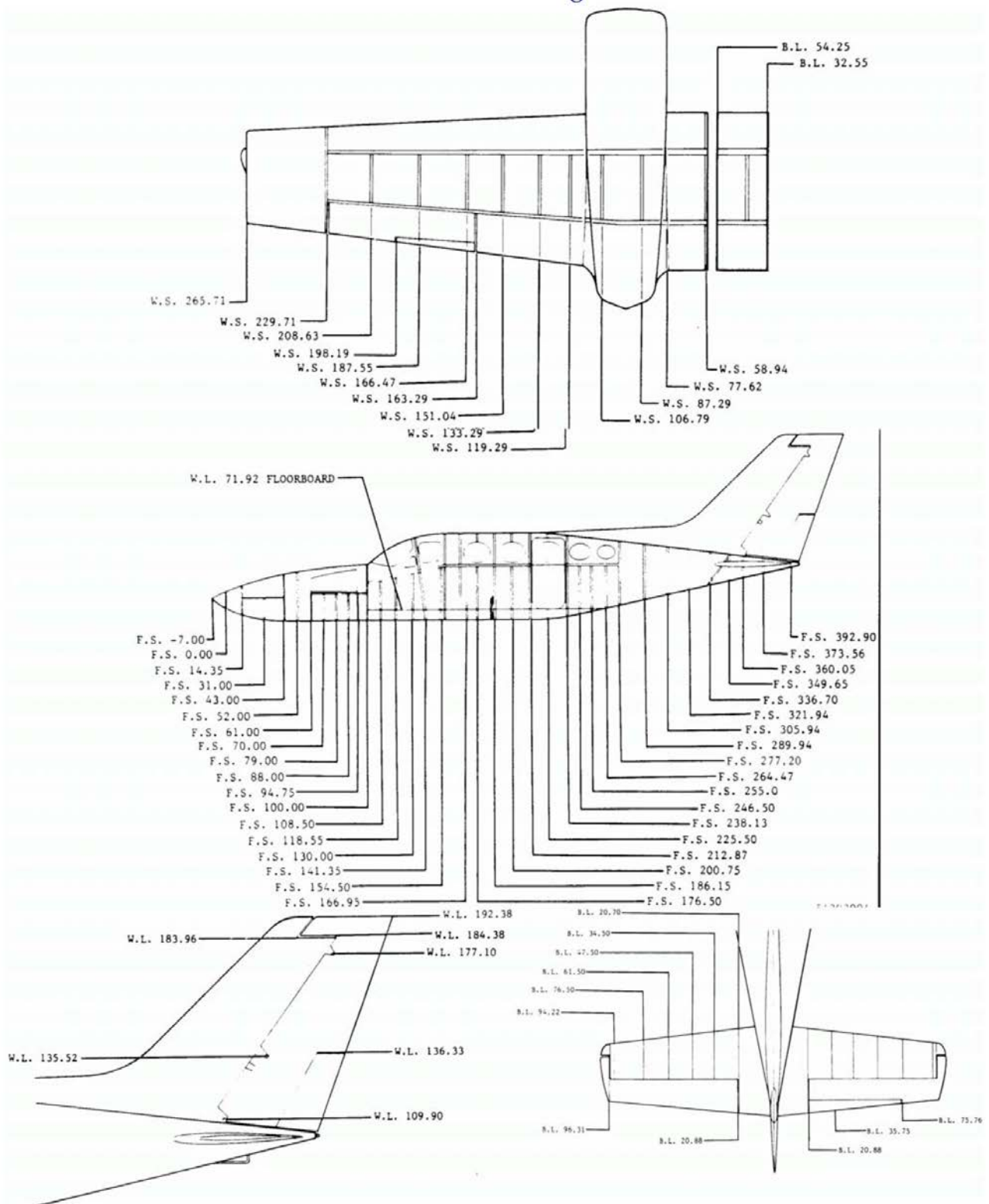


Figure 2 – Cessna 414A station reference lines

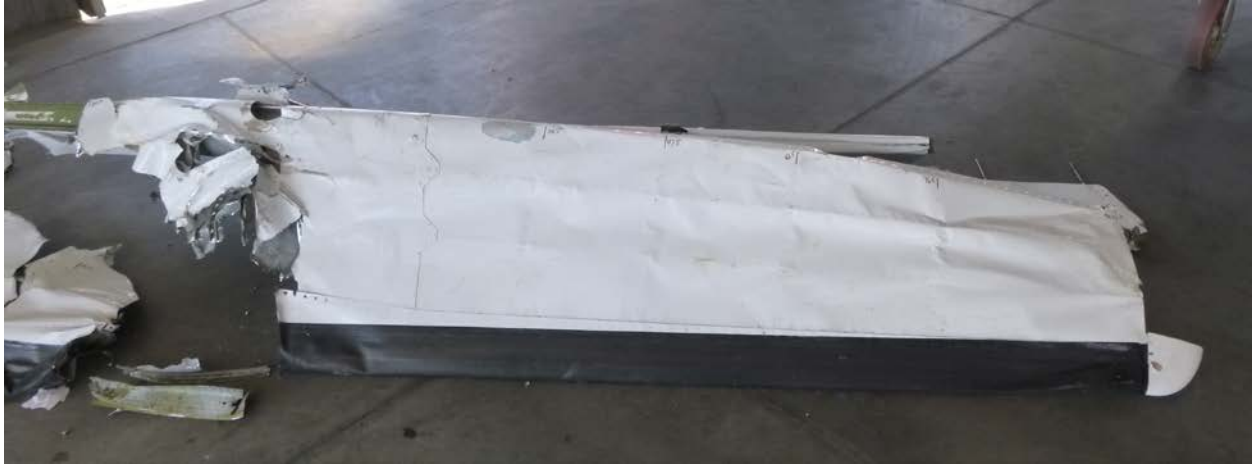


Figure 3 – Left horizontal stabilizer wreckage, viewed looking down at upper surface



Figure 4 – Right horizontal stabilizer wreckage, viewed looking down at upper surface



Figure 5 – Horizontal stabilizer forward spar center section, viewed looking aft at forward face



Figure 6 – Right side of empennage



Figure 7 – Left wing fracture location, viewed looking aft



Figure 8 – Right wing fracture location, viewed looking aft