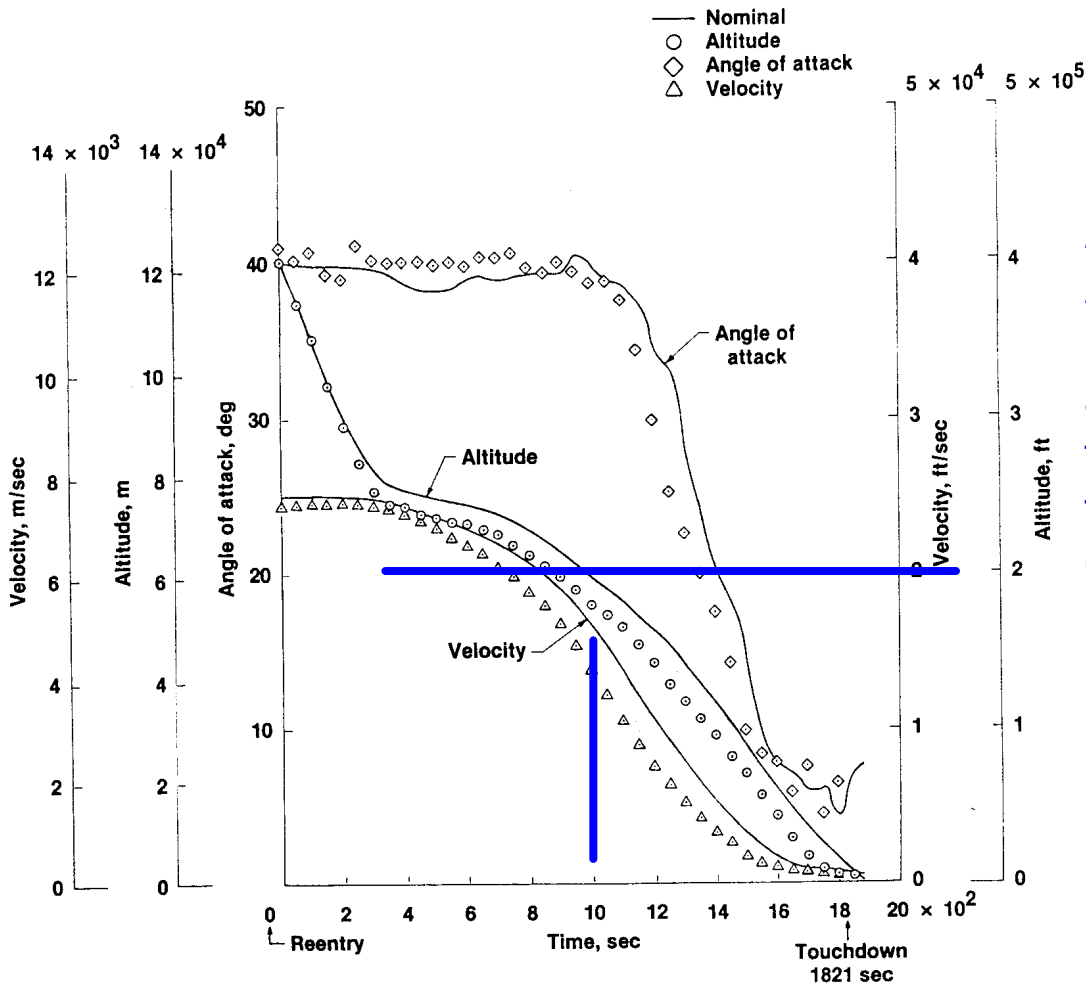


Fig. 2 Space shuttle left wing.



203 kft, about
20kft/sec,
13.6kmph,
again nominal
trajectory not
far from
Columbia
loss point

Fig. 3 STS-5 reentry trajectory.

From Gong et al., "Thermal response of Space Shuttle wing during reentry heating",
AIAA Paper 84-1761, June 1984

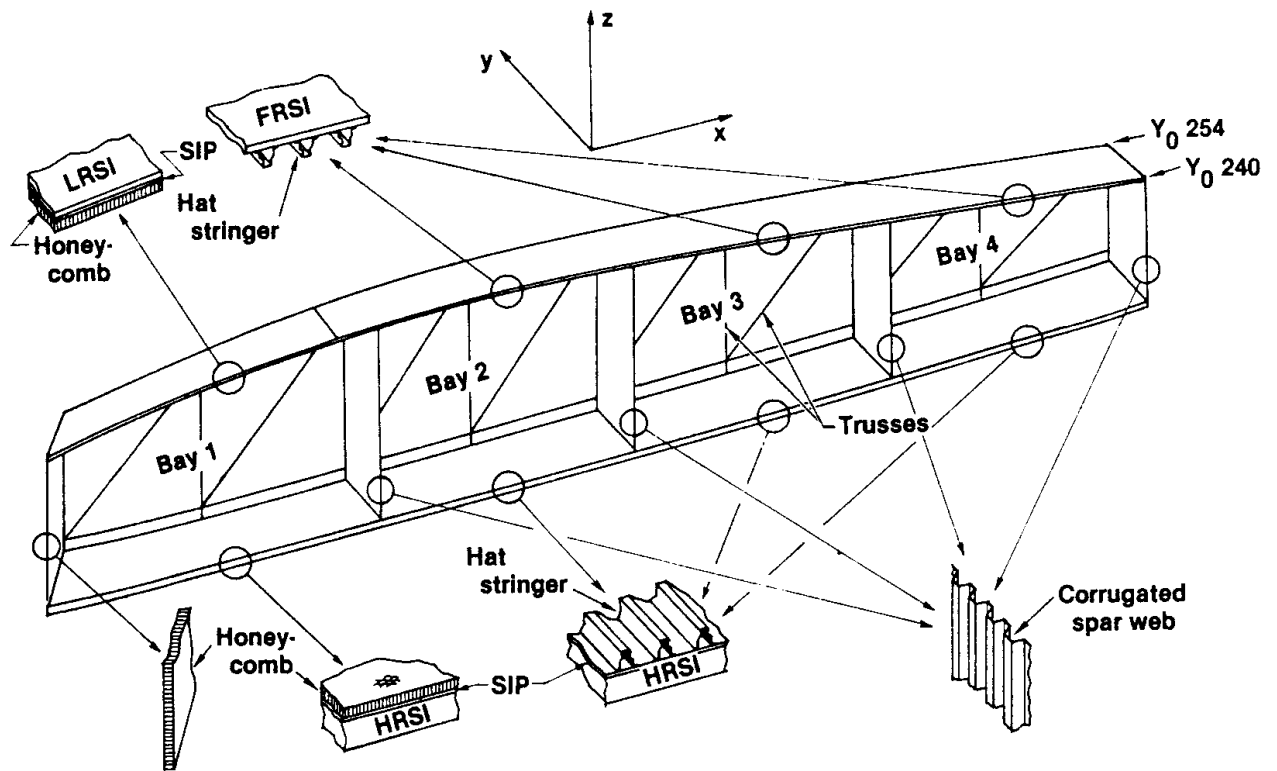


Fig. 4 Geometry of a wing segment between $Y_0 240$ and $Y_0 254$.

From Gong et al., "Thermal response of Space Shuttle wing during reentry heating", AIAA Paper 84-1761, June 1984

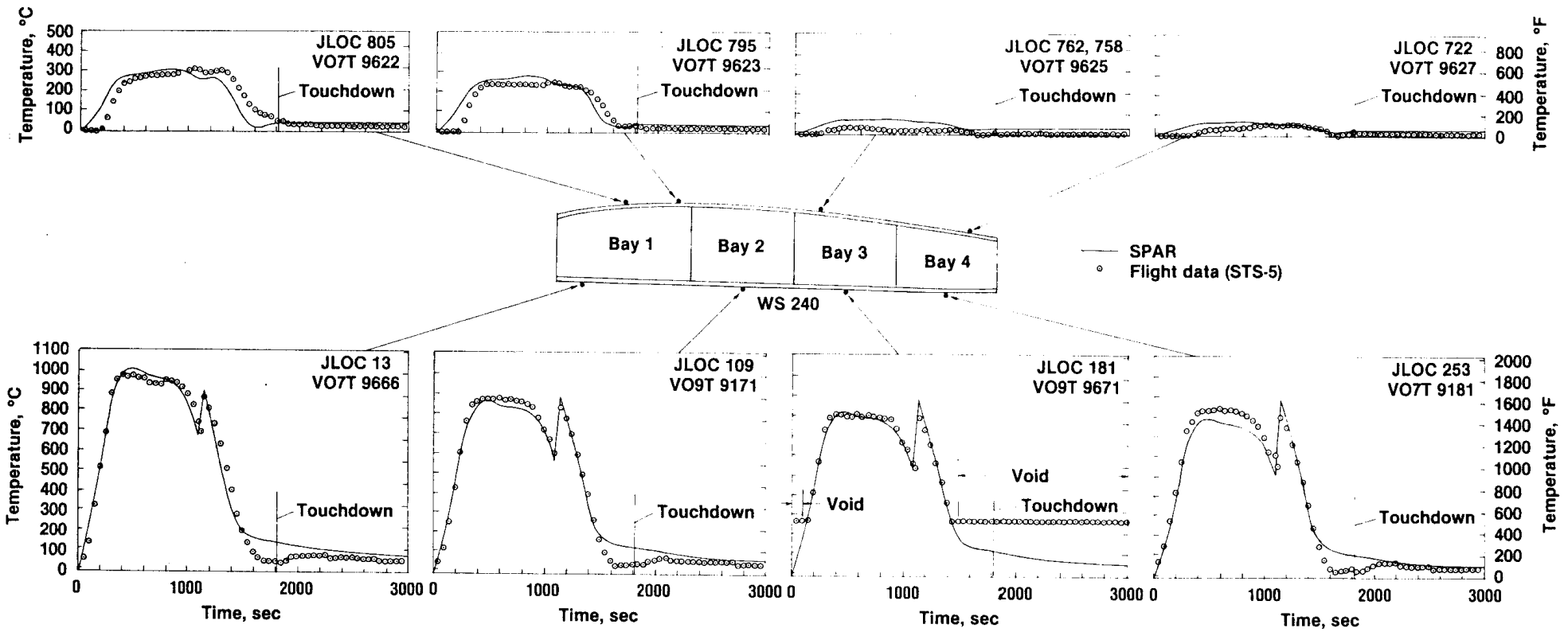


Fig. 14 WS 240 TPS surface temperature time histories, STS-5 flight.

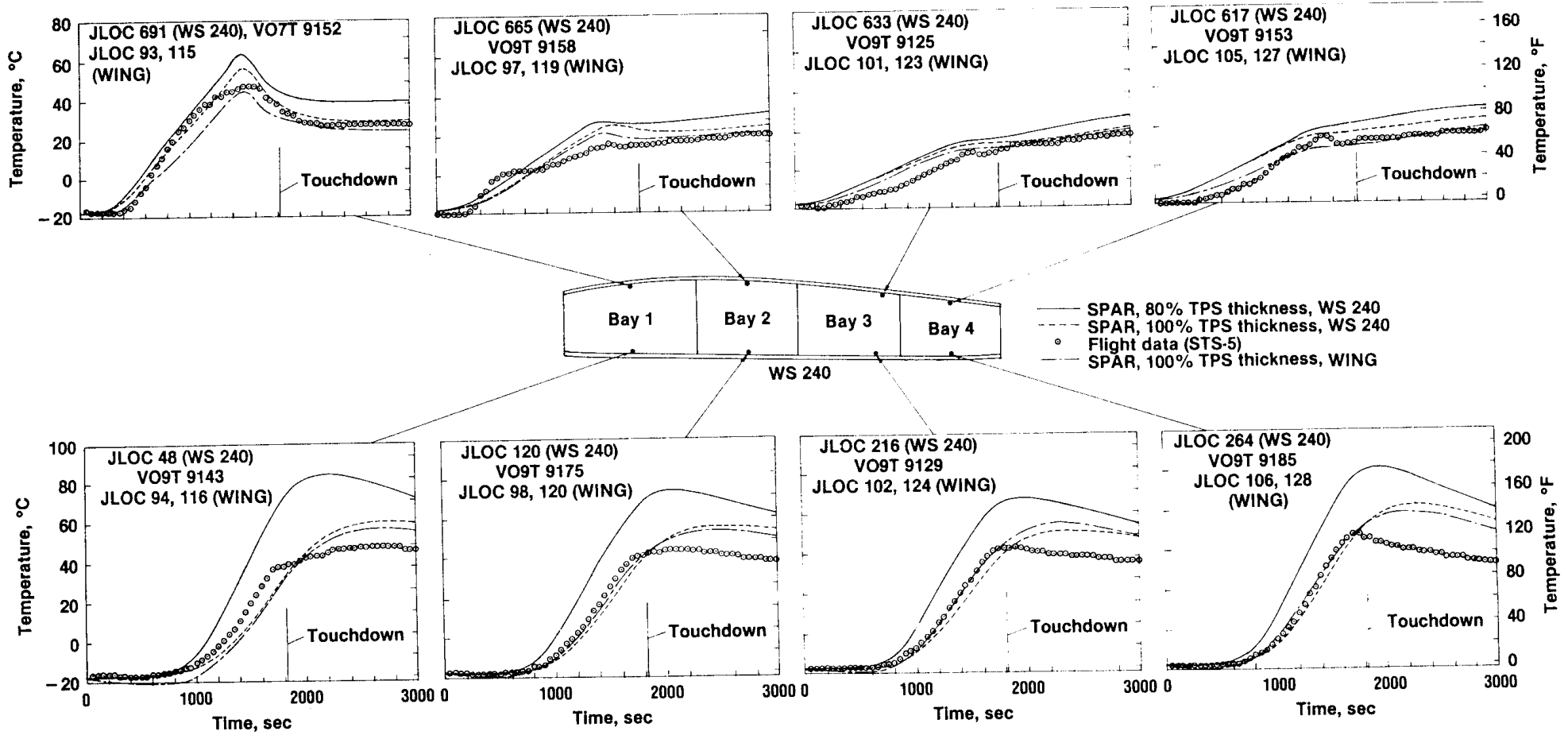


Fig. 15 WS 240 structural temperature time histories, STS-5 flight.