



DEBRIS EXAMINATION REPORT

SAFETY INVESTIGATION FOR MH370

**Malaysia Airlines MH370 Boeing B777-200ER (9M-MRO)
08 March 2014**

Identification of Debris (Item 22 in the “Summary of Possible MH370 Debris Recovered”) recovered at Linga Linga beach, Mozambique on 26 August 2016

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The Malaysian ICAO Annex 13
Safety Investigation Team for MH370

Email : MH370SafetyInvestigation@mot.gov.my

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1.0 Introduction

This debris was recovered at Linga Linga beach, Mozambique on 26 August 2016. The part is identified as Item No 22 of the items found; refer to the “*Summary of Possible MH370 Debris Recovered*”.



The item was brought back to Malaysia for the identification and further examination by the “Malaysian ICAO Annex 13 Safety Investigation Team for MH370”.

2.0 Part Characteristics

It was of Graphite Fibre Reinforced Plastic (GFRP) honeycomb sandwich with Aluminum honeycomb. The part was measured and observed to have an overall dimension of 48 inches in length and weighed 4.77 Kg.

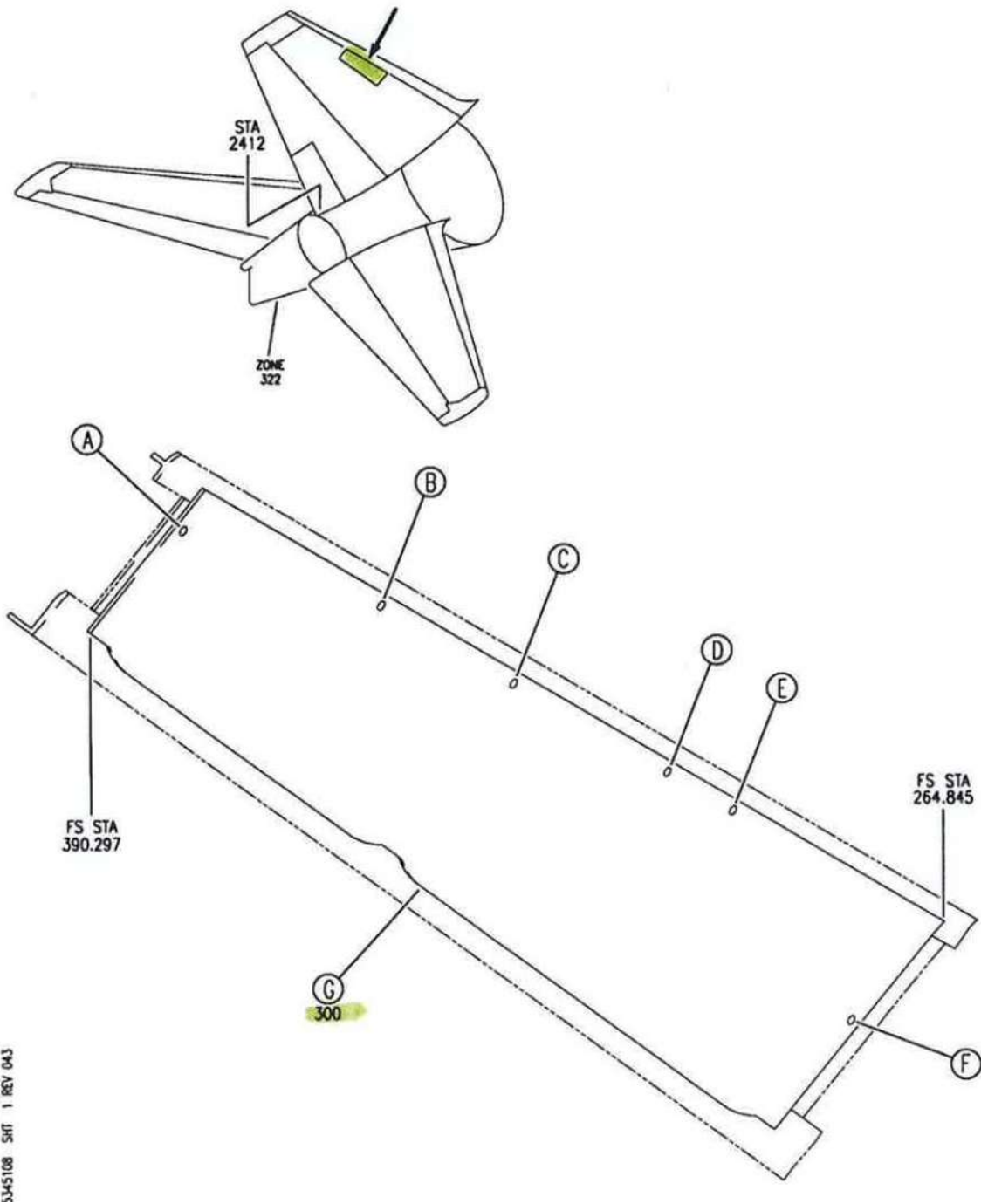
3.0 Identification

On the interior side of the part, there was still a decal with part identification numbers. Refer to the picture below. The Assembly (Assy) Number 177W3103-8 was visible. When referred to the Boeing 777 Illustrated Parts Catalog (IPC) this part was confirmed to be the right vertical stabilizer panel between the auxiliary and front spar. The red/white paint on the panel and the paint configuration appeared to match that of the Malaysia Airlines 'kite' logo on the right side of the vertical stabilizer. Refer to the photos below.



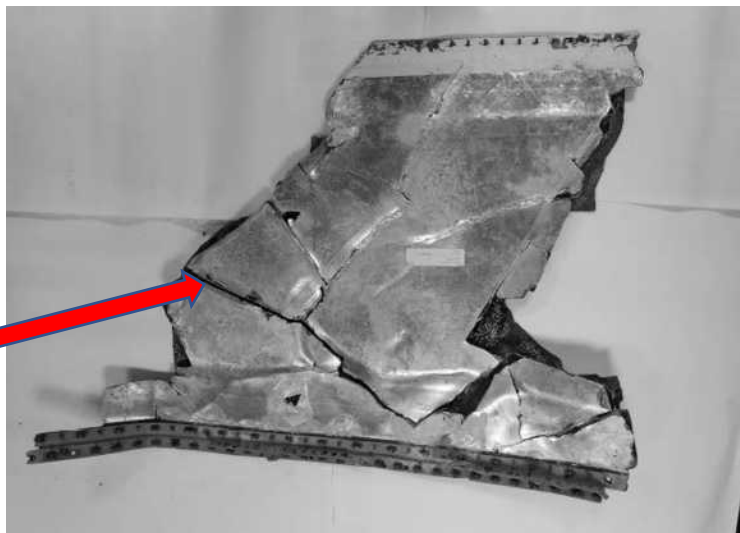


BOEING
777
PARTS CATALOG (MAINTENANCE)



4.0 Structure Examination

The outer skin had slightly buckled and dented but the inner skin was fractured in several places.



The internal
laminate
seems to be
squashed

5.0 Conclusion

The debris is confirmed to be part of the right vertical stabilizer panel of a B777. Based on the red/white livery on the panel it is determined to be almost certain from MH370 (aircraft registered as 9M-MRO).