

REPAIR OF DUAL WALLED METALLIC COMPONENTS USING BRAZE MATERIAL

ABSTRACT

A technique for repairing a dual walled component comprising a spar comprising a plurality of pedestals and a coversheet attached to the plurality of pedestals may include removing a damaged portion of the coversheet from the dual walled component to expose a plurality of exposed pedestals and define a repair location and an adjacent coversheet portion. The technique also may include filling space between the plurality of exposed pedestals with a stop material. The stop material may define a surface substantially aligned with a pedestal-contacting surface of the adjacent coversheet portion. In some examples, the method additionally includes positioning a braze material on the surface of the stop material and attaching the braze material to the plurality of exposed pedestals and adjacent coversheet portion to form a repaired coversheet portion.

FIG. 6