



Kurt Gibson
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Eastern Region Aviation

Date: 12/13/2023

Subject: ERA24LA061

Damage Assessment

The impact caused an approximate 2-ft section of the wing skin to become disbonded/delaminated with the underlying structure. The airplane's wings were a semi-monocoque design with the wing skin carrying a significant part of the structural load of the wing. According to the Diamond DA 40 Series Airplane Maintenance Manual that was valid at the time of the accident, there was no standard repair for damage of this size to the airplane's structure. Due to the semi-monocoque design, the size of the damage, and that there was no standard repair for disbonded/delaminated section of skin of this size, the damage is considered substantial.

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