



RECORD OF EMAIL

Jackie Vanover
Air Safety Investigator
AS-20; General Aviation Accident

Date: July 10, 2017
Person Contacted: Clint Crookshanks (NTSB Aerospace Engineer)
NTSB Accident Number: GAA17CA333

Narrative:

The following is a synopsis of the information provided by Mr. Crookshanks in an email.

I had a conversation with Worldwide Aircraft Services about the damage to the airplane. They are a shop in Missouri that specializes in the Metro/Merlin airplanes. They inspected the airplane after the event and noted damage to the nose landing gear, right propeller, fuselage and right engine. The damage to the landing gear, engine, and propeller is expressly excluded from consideration. Based on their inspection without removing any of the interior panels, they noted that there is damage to the NLG trunnions and the right side of the fuselage skin is buckled over a distance of about 4 feet between the NLG and the wing. The buckling of the fuselage skin indicates that there is permanent deformation of the interior fuselage structure. They have no doubt that the repair would be a major repair and would likely cost at least \$350K. The deformation and buckling of the forward fuselage and the damage to the trunnions would adversely affect the structural strength of the airplane. Therefore, this should be considered substantial damage.