



MEMORANDUM

Thomas J. Latson, Jr.
Air Safety Investigator
Central Region

NTSB Incident Number: CEN11LA223 – XA-TWH Learjet 25D at Houston, Texas, on March 4, 2011

On March 4, 2011, the investigator-in-charge (IIC) spoke with the City of Houston, Airport Operations Duty Manager. He said that XA-TWH was landing on runway 12R when the airplane departed the southeast end of that runway, and impacted the ILS localizer antenna about 1,000 feet from the end of the runway pavement.

The airplane continued traveling directly toward an open concrete ditch, but came to rest in a flat grassy area about 200 feet from the ditch. He confirmed that his records showed that none of the six occupants in the airplane were injured, but the ILS localizer antenna was pretty much destroyed by the impact.

The IIC then visited the accident location on March 11, 2011, and confirmed that the ground scars still present at the scene matched the descriptions given.

The IIC performed an examination of XA-TWH at the Million Air FBO maintenance hangar on March 11, 2011. The IIC observed:

- Impact damage to structural components on the right side of forward fuselage
- Impact damage causing a puncture and hole in the right side of the fuselage skin just aft of the cockpit rear bulkhead. The hole measured about 9 inches by 2 inches and penetrated the cabin pressure vessel.
- Crushing damage to almost the full length of the leading edges of both wings
- Impact damage and punctured skin in the bottom of the right flap surface
- Impact damage to the right tip tank
- All three landing gear were extended and did not appear to have any significant damage other than grass and dirt impactions in several areas

- The cockpit and passenger cabin areas, the main cabin door, and the emergency over wing exit hatch did not appear to be damaged
- The engines did not appear to be damaged
- Cockpit instruments appeared to be configured for the ILS approach to runway 12R
- Hobbs meter read 7494.4 hour
- Fuel totalizer read 4438 pounds of fuel used since the last reset
- Total fuel quantity remaining read about 1600 pounds of fuel
- The Radar Altimeter alert pointer was set to 250 feet