



FAA

Airworthiness Concern Sheet

Reply to: Fred Guerin

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Date: May 25, 2005

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Make, Model, Series, Serial No.: T-6 / SNJ all models

Reason for Airworthiness Concern:
Accident in Kissimmee Florida wing failure on May 9,2005

FAA Description of Airworthiness Concern (Who, What, Where, When, How? Attachments: RA and appropriate data)

The right wing of an SNJ-6 departed the aircraft in flight in Kissimmee, Florida resulting in a fatal crash. Preliminary examination of the wreckage shows a fatigue crack on the inboard lower center wing attach angle which initiated in the radius of the angle. The FAA has just been informed that a similar accident occurred 1975 on an aircraft in the South African Air Force. Attached are South African Air Force instructions for the inspection of the wing attach angles to be performed immediately, and occurring every 200 hours.

Request for Information. On a different sheet, please give comments on maintenance history of the parts involved, and propose any Inspection/Repair Procedures with associated costs. Also give any other comments that you feel are necessary. (Note: Any comments or replies to the FAA need to be as specific as possible. Please provide specific examples to illustrate your comments/concerns.):

This Airworthiness Concern Sheet (ACS) is intended as a means for FAA Aviation Safety Engineers to coordinate airworthiness concerns with aircraft owner/operators through associations and type clubs. At this time, the FAA has not made a determination on what type of corrective action (if any) should be taken. The resolution of this airworthiness concern could involve an AD action or an SAIB, or the FAA could determine that no action is needed at this time. The FAA's final determination will depend in part on the information received in response to this ACS.

The FAA endorses dissemination of this technical information to all manufacturers and requests association and type clubs comments.

Attachments: *SDR(s) *A/IDS *SL(s) *SAIB *FAASR/*NTSBSR *AD *AMOC *RA

Notification: FAA *AOPA *EAA Type Club *TC Holder Other:

Response Requested __/__/__: Emergency (10 days) Alert (30 days) Information (90 days)
(Space Bar Adds "X" to Check Boxes)

*Service Difficulty Reports (SDRs); Accident/Incident Data System (A/IDS); Service Letter (SL); Special Airworthiness Information Bulletin (SAIB); Federal Aviation Administration (FAA)/National Transportation Safety Board (NTSB) Safety Recommendation (FAASR/NTSBSR); Airworthiness Directive (AD); Alternate Method of Compliance (AMOC); Risk Assessment (RA); Aircraft Owners & Pilots Association (AOPA); Experimental Aircraft Association (EAA); Type Certificate (TC)