Form ACA 456
(Rev. 9-1-40)

UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
ADMINISTRATOR OF CIVIL AERONAUTICS
WASHINGTON, D. C.

AIRCRAFT STRUCTURAL FAILURE AND DEFECTS REPORT

Submit as a supplement to Aircraft Accident Report (Form 453 or 454) when an accident involves a failure of the airplane structure or any part thereof.

This form should be used also by owners, operators, pilots, mechanics, inspectors and investigators to report airplane structural failures within their positive knowledge which affect safety but have not resulted in accidents.

Form 455 should be used for reporting failures involving the powerplant installation.

I. LOCATION AND DATE OF FAILURE _____
(City) (State) (Date) (Hour)

II. PILOT _____
(Full name) (Address) (Certificate number and ratings)

III. AIRCRAFT _____
(Manufacturer and model) (Manufacturer's serial number) (Identification mark)

IV. REGISTERED OWNER OF AIRCRAFT _____
(Name) (Address)

V. DID AN ACCIDENT OCCUR? _____ WAS IT REPORTED ON ACCIDENT FORM 453 or 454? _____

VI. CHECK COMPONENTS INVOLVED:

Wing _____ Wing bracing _____ Landing gear _____ Control surfaces _____ Control system _____

Fuselage _____ Engine mount _____ Hull _____ Fitting _____ Appliance _____

VII. DESCRIPTION: (Include pertinent events prior to failure *and if other than factory-built parts*, describe same. Complete details, including sketches or photographs properly marked to show location of failure, should be provided. In case of fitting failure, submit part, if possible, to the nearest Civil Aeronautics office. Parts submitted for inspection should be plainly tagged, giving identification number of aircraft from which taken and owner's desires as to whether or not the part should be returned to him.)

VIII. APPROXIMATE HOURS OF SERVICE ON PART PRIOR TO FAILURE _____

IX. CONDITION OF AIRCRAFT RELATIVE TO MAINTENANCE: EXCELLENT _____ FAIR _____ POOR _____

X. PROBABLE CAUSE AND RECOMMENDATIONS TO PREVENT A RECURRENCE:

Date of this report _____ (Signature) _____
(Owner, operator, pilot, mechanic, inspector or investigator)

_____
(Address)

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