

**National Transportation Safety Board
FACTUAL REPORT
AVIATION**

NTSB Accident/Incident Number

M I A 0 0 F A 0 4 1 B

**Supplement A
—Wreckage Documentation, Single and Twin Reciprocating Engine and Unpowered Aircraft**

1 Engine #1 Serial No <u>L-15607-39A</u> A Other	2 Engine #2 Serial No. <u>NA</u> A Other	3 Supercharger Installed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No A Other	4 Turbocharger <input type="checkbox"/> Installed <input checked="" type="checkbox"/> No A Other	5 Propeller <u>Sensenich</u> A Other	6 Propeller <u>TD6-0-60</u> Model/Serial A Other
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7 Propeller Type (Multiple entry) <input type="checkbox"/> Ground Adjustable/variable pitch <input type="checkbox"/> Reversible <input type="checkbox"/> Full automatic feathering <input type="checkbox"/> Full manual feathering <input type="checkbox"/> A Other	8 Aircraft STOL Modification Installed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No A Other
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9 Nose/Tail <input type="checkbox"/> Up <input type="checkbox"/> Down <input type="checkbox"/> Intermediate A Other	10 Left Main <input type="checkbox"/> Up <input type="checkbox"/> Down <input type="checkbox"/> Intermediate A Other	11 Right Main <input type="checkbox"/> Up <input type="checkbox"/> Down <input type="checkbox"/> Intermediate A Other
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12 Left Trailing Edge Flap <input type="checkbox"/> Up <input type="checkbox"/> Extended A Other <u>UNK</u> deg.	13 Right Trailing Edge Flap <input type="checkbox"/> Up <input type="checkbox"/> Extended A Other <u>UNK</u> deg.	14 Speed Brake <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Stowed <input type="checkbox"/> Deployed A Other	15 Spoiler <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Stowed <input type="checkbox"/> Deployed <input type="checkbox"/> Deployed Asymmetrically A Other
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16 Left Aileron <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Neutral <input type="checkbox"/> Up <input type="checkbox"/> Down A Other	17 Right Aileron <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Neutral <input type="checkbox"/> Up <input type="checkbox"/> Down A Other	18 Rudder <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Neutral <input type="checkbox"/> Left <input type="checkbox"/> Right A Other	19 Elevator/Stabilizer/ Rudderator <input checked="" type="checkbox"/> Neutral <input type="checkbox"/> Up <input type="checkbox"/> Down A Other
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20 Cargo Restraint Installed (Multiple entry) <input type="checkbox"/> None (Go to block 26) <input checked="" type="checkbox"/> Cargo net <input checked="" type="checkbox"/> Straps/tie down A Other	21 Cargo Restraint Used (Multiple entry) <input checked="" type="checkbox"/> None (Go to block 26) <input type="checkbox"/> Cargo net <input type="checkbox"/> Straps/tie down A Other	22 Cargo Restraint Failed (Multiple entry) <input type="checkbox"/> None <input type="checkbox"/> Cargo net <input type="checkbox"/> Straps/tie down A Other
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Computed Weight and Balance Information
Complete when weight and/or center of gravity limitations are exceeded on accident flight. (Otherwise go to block 32)

26 Weight Lbs. _____ A _____ % MAC or _____ Inches B _____ Inches 1 <input type="checkbox"/> At takeoff weight 2 <input type="checkbox"/> At max gross weight	27 Center of Gravity A _____ % MAC or _____ Inches B _____ Inches	28 CG Range (Multiple entry) 1 <input type="checkbox"/> At takeoff weight 2 <input type="checkbox"/> At max gross weight
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29 Weight Lbs. _____ A _____ % MAC or _____ Inches B _____ Inches 1 <input checked="" type="checkbox"/> Estimated 2 <input type="checkbox"/> Verified A Total gallons _____ B Other _____	30 Center of Gravity A _____ % MAC or _____ Inches B _____ Inches	31 CG Range (Multiple entry) 1 <input type="checkbox"/> At takeoff weight 2 <input type="checkbox"/> At max gross weight	32 Fuel On Board At Accident 1 <input checked="" type="checkbox"/> Estimated 2 <input type="checkbox"/> Verified A Total gallons _____ B Other _____
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Fuel Tanks	Fuel on Board at Accident			D Tank Construction				F Spillsafe Fittings			H Fuel Leakage/Rupture				
	A Gallons Estimated	B Gallons Verified	C Other	1 Wet Wing	2 Bladder	3 Metal	E Other	1 Yes	2 No	G Other	1 None	2 Line	3 Fitting	4 Tank	I Other
33 Left Wing	20					X			X					X	
34 Right Wing	21					X			X					X	
35 Left Tip															
36 Right Tip															
37 Fuselage															
38 (Specify)															

41 Fuel Found In #1 Engine (Multiple entry)

- 1 None
- 2 Lines
- 3 Gascolator/strainer
- 4 Carburetor/fuel injector
- 5 Engine driven pump
- 6 Auxiliary fuel pump
- 7 Filter(s)
- 8 Selector valve
- 9 Fuel manifold/spider
- 10 Accumulator tank
- A Other

42 Fuel Found In #2 Engine (Multiple entry)

- 1 None
- 2 Lines
- 3 Gascolator/strainer
- 4 Carburetor/fuel injector
- 5 Engine driven pump
- 6 Auxiliary fuel pump
- 7 Filter(s)
- 8 Selector valve
- 9 Fuel manifold/spider
- 10 Accumulator tank
- A Other NA

43 Flight Controls, Evidence or Operational Failure or Malfunction (Multiple entry)

- 1 None
- 2 Pitch control
- 3 Roll control
- 4 Yaw control
- A Other

44 Airframe/Structure, Evidence of In-Flight Separation/Failure (Multiple entry)

- 1 None
- 2 Helicopter (Complete Supp. G)
- 3 General disintegration
- 4 Left wing
- 5 Right wing
- 6 Left stab/elevator
- 7 Right stab/elevator
- 8 Vertical fin/rudder
- 9 Canard
- 10 Powerplant
- 11 Cabin/cargo door
- A Other

45 Propeller, Evidence of In-Flight Separation/Failure

- 1 Yes
- 2 No
- A Other

46 Powerplant, Evidence of In-Flight Mechanical Malfunction

- 1 Yes
- 2 No
- A Other

47 Fuel, Evidence of Improper Grade or Contamination (Multiple entry)

- 1 None
- 2 Improper grade
- 3 Contamination
- A Other UNK

48 Oil, Evidence of Improper Grade or Contamination (Multiple entry)

- 1 None
- 2 Improper grade
- 3 Contamination
- A Other UNK

Emergency Locator Transmitter (ELT) Information

51 ELT Manufacturer NARCO Avionics

A Other

52 ELT Model No. ELT-10

A Other

55 Preimpact ELT Location(s) (Multiple entry)

- 1 Cockpit
- 2 Cabin
- 3 Tailcone
- 4 Empennage
- 5 Raft
- 6 Survival Kit
- A Other

53 ELT Battery Type

- 1 Alkaline
- 2 Cadmium
- 3 Nicad
- 4 Nickel
- 5 Lithium
- A Other

54 ELT Battery Expiration Date (Nos. for M. D. Y)

FEB. 2001
A Other

56 ELT-Reason for Noneffectiveness/Failure (Multiple entry)

- 1 Operated effectively
- 2 Insufficient G's
- 3 Improper installation
- 4 Battery dead
- 5 Battery corroded
- 6 Battery installation incorrect
- 7 Incorrect battery
- 8 Fire damage
- 9 Impact damage
- 10 Antenna broken/disconnected
- 11 Water submersion
- 12 Unit not armed
- 13 Shielded by wreckage
- 14 Shielded by terrain
- 15 Internal failure
- 16 Test satisfactorily after accident
- 17 Signal direction altered by terrain
- 18 Packing device still installed
- 19 Remote switch off
- A Other