

**NATIONAL TRANSPORTATION SAFETY BOARD  
WASHINGTON, D.C.**

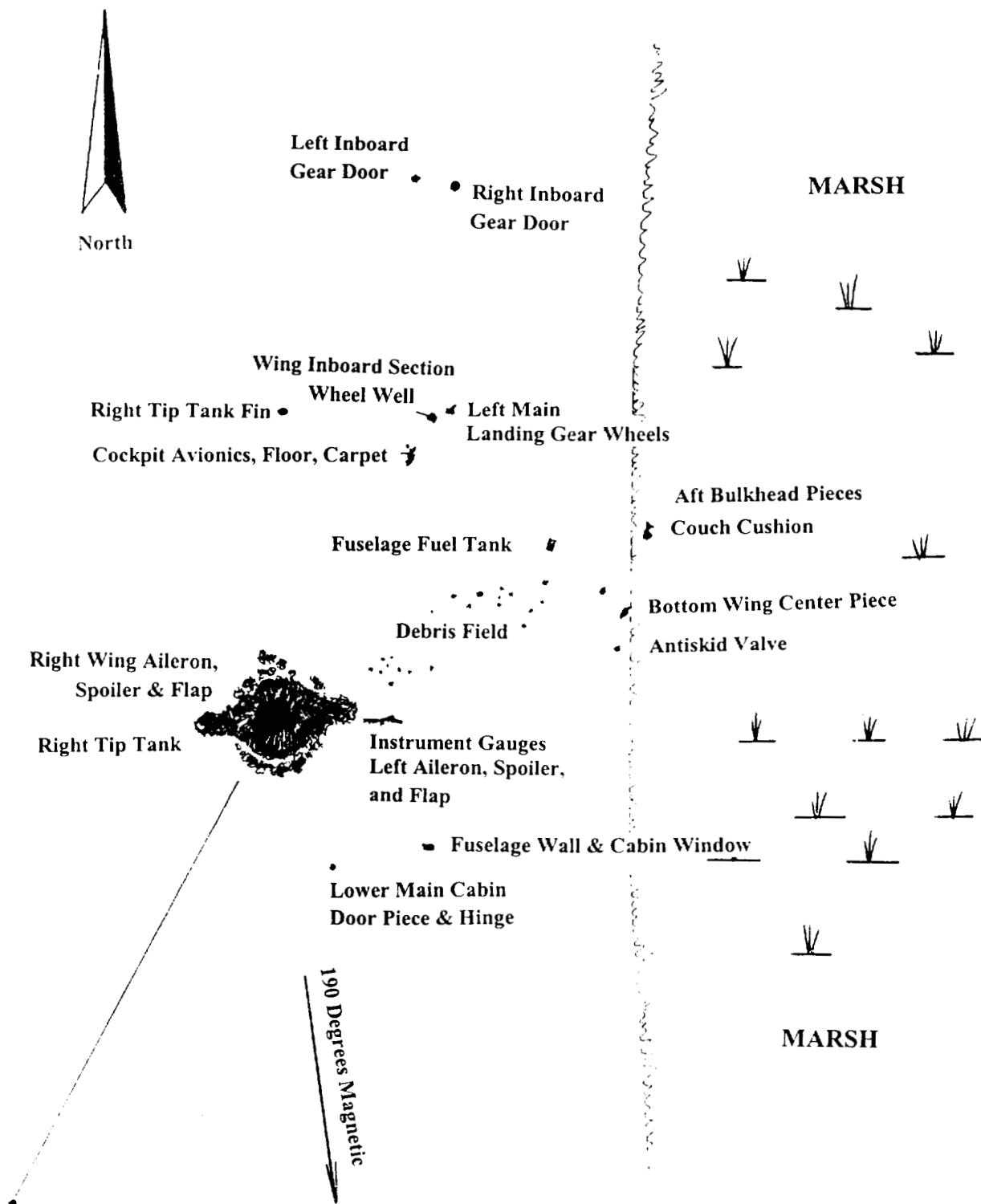
**AIRWORTHINESS GROUP CHAIRMAN'S FACTUAL REPORT  
ATTACHMENT I: Aircraft Wreckage Distribution**

**(3 Pages)**

**Sunjet Aviation, Inc.  
Mina, South Dakota  
October 25, 1999**

**DCA00MA005**

**ACCIDENT SITE WRECKAGE DIAGRAM**  
**N47BA, Learjet 35, Mina, South Dakota**



**Crater Dimensions**

42 feet, 4 inches long, east-west orientation  
 21 feet, 7 inches wide, north-south orientation  
 8 feet, 6 inches at deepest point  
 (7 feet south of the north-center wall)

1 Inch = 40 feet

# ACCIDENT SITE WRECKAGE DIAGRAM

N47BA, Learjet 35, Mina, South Dakota

Crater - Detailed

## Crater Dimensions

42 feet, 4 inches long, east-west orientation

21 feet, 7 inches wide, north-south orientation

8 feet, 6 inches at deepest point

(7 feet south of the north-center wall)



North

## Debris Field Contents

(35 Degree Cone extending E-NE edge of Crater for 80 feet.)

Personal Effects – Clothing, Golf Bags, Luggage

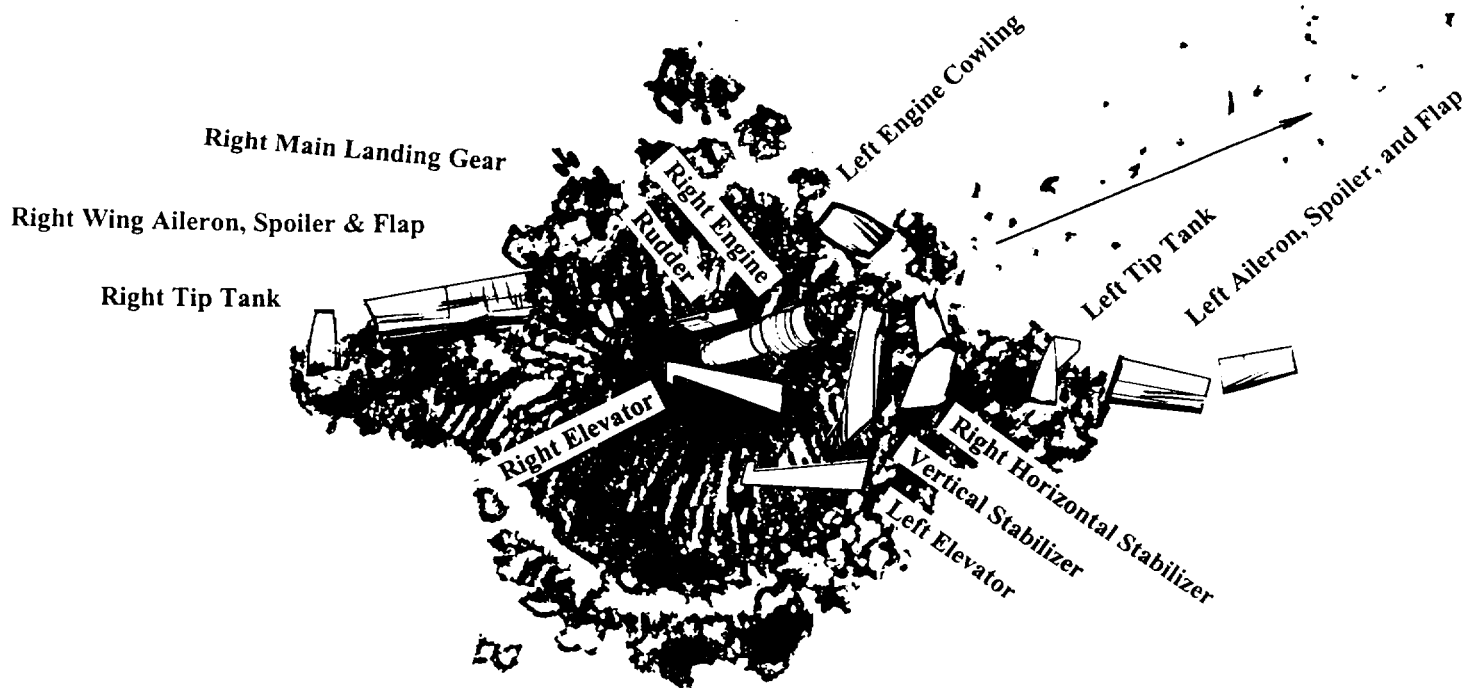
Flight Publications

Flight Manual

Seat Cushions

Life Vests

Instrument Panel Components



## Items Found In Crater, Beneath R. Engine

- Left Engine
- Nose Gear
- Cabin Window Frames
- Fragmented Cabin Interior
- Fuselage Skin
- Wing Ribs & Stringers
- Tail Cone
- Fragmented Ventral Fin
- Aft Fuselage Avionics
- Cockpit Voice Recorder
- 2 Life Rafts
- Drag Chute

190 Degrees Magnetic

1 Inch = 10 feet

## ACCIDENT SITE WRECKAGE DIAGRAM

### RANGE AND BEARINGS

<b>Item</b>	<b>Location from Crater</b>
Right Tip Tank Fin	010 degrees @ 63 feet
Inboard Gear Door, Left Main Landing Gear	014 degrees @ 125 feet
Inboard Gear Door, Right Main Landing Gear	029 degrees @ 125 feet
Left Main Gear Upper Cylinder & Cross Brace	025 degrees @ 85 feet
Lower Control Column Section	027 degrees @ 84 feet
Instrument Panel & Avionics	035 degrees @ 58 feet
Left Main Landing Gear	037 degrees @ 70 feet
Left Inboard Wing Wheel Well	032 degrees @ 75 feet
Fuselage Fuel Tank	065 degrees @ 68 feet
Bottom Wing Center Section Pieces	080 degrees @ 80 feet
Aft Pressure Bulkhead & Couch Cushions	070 degrees @ 92 feet
Autopilot Controller	082 degrees @ 45 feet
Antiskid Valve	085 degrees @ 73 feet
Cockpit Instruments	089 degrees @ 20 feet
Glareshield	092 degrees @ 31 feet
Landing Gear Blowdown Bottle	094 degrees @ 30 feet
Left Side Cabin Window	097 degrees @ 30 feet
Windscreen Center Post "Bird Splitter"	110 degrees @ 24 feet
Altitude Selector, Autopilot	150 degrees @ 26 feet
Fuselage Piece, Cabin Section & Window	120 degrees @ 58 feet
Pressure Gauges	111 degrees @ 22 feet
Fuselage Piece, Cabin Section	150 degrees @ 45 feet
Left Aileron, Spoiler & Flap	110 degrees @ 25 feet
Cabin Oxygen Mask	122 degrees @ 41 feet
Engine Parts, Elevator Counterweight	163 degrees @ 40 feet
Lower Main Cabin Door	180 degrees @ 26 feet