

NATIONAL TRANSPORTATION SAFETY BOARD
RELEASE OF AIRCRAFT WRECKAGE

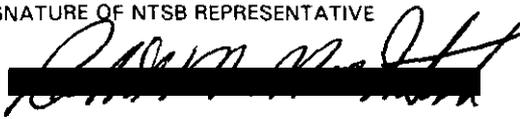
ACCIDENT IDENTIFICATION
NUMBER
DCA 95 MA 054

PART I - RELEASE OF AIRCRAFT WRECKAGE

REGISTERED OWNER (name and address) ATLANTIC Southeast Airlines, Inc SUITE 100 100 HARTSFIELD CENTRE PARKWAY ATLANTA, GA 30354		REGISTRATION NUMBER - N 256 AS
MODEL EMB-120		MAKE EMBRAER
DATE OF ACCIDENT AUG 21, 1995	LOCATION NR CARROLLTON GA 30117	

The National Transportation Safety Board has has not completed its investigation of the aircraft wreckage described above. All wreckage except that listed on the reverse side is hereby released to the registered owner, or owner's representative, for appropriate disposition. (If no parts are retained, insert NONE.)

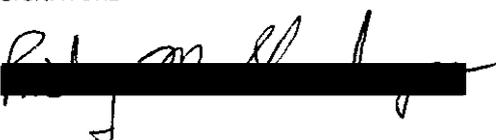
← ATTACHED 4 PAGES —

SIGNATURE OF NTSB REPRESENTATIVE 	TITLE INVESTIGATOR IN CHARGE	DATE AUG 25, 1995
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(This section may be signed by a person, not the owner or owner's representative, who has knowledge of the disposition of the aircraft wreckage and its parts. Such signature does not place a responsibility for disposition of the wreckage upon that person.)

I HEREBY ACKNOWLEDGE:

- Receipt of the above described aircraft wreckage.
- Removal of the parts, if any, listed on the reverse side of this form.

SIGNATURE 	TITLE ASA ACCIDENT TEAM COORDINATOR	DATE AUG 25 1995
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REMARKS:

①
of 11
pages

TO: FRANK HILDRUP / BOB MACINTOSH
FROM: JEROME FRECHETTE
SUBJ: PARTS RETENTION

(2) HAMILTON STANDARD
14RF-9 PROPELLERS

S/N: 860703, 900407

(2) PROPELLER CONTROL UNITS
P/N 782490-12

S/N: 851235, 900273

LEFT ENGINE GEARBOX MOUNT, BOLT AND
(4) TORQUE TUBE ROD END FITTINGS

LEFT ENGINE SN 115087

RIGHT ENGINE SN 115305

LEFT PROPP PN 780100-8 SN 900407

BLADE NO 1 PN RFC11M2-6A+B SN 851653

2 RFC11M2-6A 861398

3 RFC11M1-6A+B 867601

4 RFC11M1-6A 852549

RIGHT PROPP PN 780100-8 SN 860703

BLADE NO 1 RFC11M1-6A 874892

2 RFC11M1-6A+C 861950

3 RFC11
~~RFC11~~M1-6A 855120

4 RFC11M1-6A+B 867998

Items to be retained

- (Both)
- 2 torque tube attach fittings & terminal ends from #1 engine
 - inboard forward engine mount belt
 - Both propeller assemblies

Items Removed

1. Control column lateral position potentiometer
P/N RP1/1, S/N 81950044 (Note: Coupler was broken.)
2. Control column longitudinal position potentiometer
P/N 18/1, S/N 81950048 (Note: Coupler broken during removal.)
3. Rudder pedal position potentiometer
Penny Giles P/N RP1814, S/N 79990641 (Note: Coupler slid off during removal.)
4. Flight Data Acquisition Unit (FDAU)
Teledyne Controls P/N 2229951-1-A, S/N 151 (Note: Case broken apart. Nearby loose circuit cards were collected.)
5. Ground Proximity Warning System (GPWS) computer
Sundstrand P/N 965-0686-001, S/N 603
6. Multiple Alarm Panel
Grimes P/N 80-0541, S/N 0276
7. Pitot, AOA, and slip probe heat indicator lights

5



February 9, 1996

Mr. Robert McInstosh
N.T.S.B.
800 Independence Avenue
Washington, D.C. 20594

Dear Mr. McInstosh:

Request all parts of the fractured blade and any other metallurgical mounts and samples be shipped to:

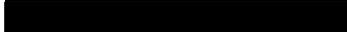
Mr. Authur Mozley



Atlanta, Georgia 30342

All other parts from the accident of Flight 7529 should be shipped to:

Allen Aero



Jefferson, Georgia 30549

PLEASE MARK OUTSIDE OF BOX - CARROLLTON ACCIDENT.

Thank you.

Sincerely,

Riley Shamburger
Manager, Corporate Safety

NATIONAL TRANSPORTATION SAFETY BOARD RECEIPT OF AIRCRAFT PARTS	ACCIDENT IDENTIFICATION NUMBER DCA95MA054
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PART II--RELEASE OF AIRCRAFT PARTS

REGISTRATION NUMBER N256AS	MAKE Embraer	MODEL EMB-120
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DATE OF ACCIDENT August 21, 1995	LOCATION near Carrollton, GA
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The National Transportation Safety Board ~~has received the aircraft examination~~ ^{is returning} those parts, pieces, or components listed below ~~when the aircraft is returned to the owner.~~ ^{XXXXXX}

~~XXXXXX~~ to:

OWNER OR OWNER'S REPRESENTATIVE--

ADDRESS

PARTS, PIECES, OR COMPONENTS RETURNED:

Flight Data Acquisition Unit (FDAU): Teledyne Controls P/N 2229951-1-A, S/N 151

Ground Proximity Warning System (GPWS) computer: Sundstrand P/N 965-0686-001, S/N 603

Multiple Alarm Panel: Grimes P/N 80-0541, S/N 0276

Pitot, AOA, and slip probe heat indicator lights

From #1 Nacelle

- upper and lower rod ends of torque mounts
- forward, outboard engine mount (portion) and bolt
- forward, inboard engine mount and bolt (portion)

L/H engine, blade no. 2: P/N RFC11M1-6A, S/N 861398

- see attached list

The following was previously released through the ASA representative to the Systems Gro

- control column lateral position potentiometer (P/N RP1/1, S/N 81950044)
- control column longitudinal position potentiometer (P/N 18/1, S/N 81950048)
- rudder pedal position potentiometer (Penny Giles P/N RP1814, S/N 79990641)

SIGNATURE OF NTSB REPRESENTATIVE	TITLE	DATE
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The registered owner or owner's representative will acknowledge receipt of the materials by signing this form in the spaces designated below.

SIGNATURE OF OWNER OR OWNER'S REPRESENTATIVE ADDRESS See atch Regis Return Receipt	TITLE	DATE 2-26-96
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(7)

UNITED STATES POSTAL SERVICE



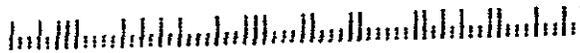
Official Business

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300



Print your name, address and ZIP Code here

Robert F. Hilldrup
NTSB
490 L'Enfant Plaza SW
AS-40
Washington, DC 20594



Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Allen Aero
[Redacted]
Jefferson. GA 30549

"ASA Aircraft Parts from
Carrollton, GA Accident"

4a. Article Number

R-861-612-292

4b. Service Type

- Registered Insured
- Certified COD
- Express Mail Return Receipt for Merchandise

7. Date of Delivery

2-24-96

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

Robert F. Hilldrup

Thank you for using Return Receipt Service.

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

8

**NATIONAL TRANSPORTATION SAFETY BOARD
MATERIALS LABORATORY DIVISION**

RECEIPT OF RETURNED PARTS

ACCIDENT/INCIDENT IDENTIFICATION

PLACE :	Carrolton, Georgia
DATE :	August 21, 1995
NTSB NO.:	DCA 95-M-A054

THE FOLLOWING PARTS, PIECES OR COMPONENTS, FROM THE ABOVE ACCIDENT/INCIDENT

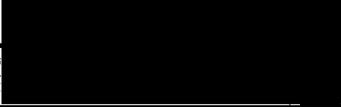
See attached list.

Outboard fracture 5 items
Inboard fracture 10 items

15 TOTAL items

ARE BEING RETURNED VIA U.S. REGISTERED MAIL NO.:	XXXXXXXXXX <i>Packaging Store</i>
OR BY OTHER CARRIER (NAMED)	

WHICH HAS BEEN ADDRESSED TO:

NAME :	Mr. Authur Mozley
COMPANY:	
ADDRESS :	
	Atlanta, GA 30342

RECIPIENTS PLEASE VERIFY THAT THE COMPONENTS, AS ITEMIZED, HAVE BEEN RECEIVED BY PRINTING LEGIBLE YOUR NAME, SIGNING, AND DATING THIS FORM BELOW, AND RETURNING THIS DOCUMENT TO: MICHAEL L. MARX, CHIEF, MATERIALS LABORATORY DIVISION, (RE-30), NATIONAL TRANSPORTATION SAFETY BOARD, 490 L'ENFANT PLAZA EAST, WASHINGTON, D.C. 20594. ATTACHED IS A SELF-ADDRESSED, FRANKED ENVELOPE FOR YOUR CONVENIENCE.

IF ANY DISCREPANCIES ARE FOUND, IMMEDIATELY CALL (202) 382-6690.

NTSB REPRESENTATIVE PACKING PARTS	<i>JMK</i> <i>S.P.</i>	DATE	<i>2/28/96</i> <i>2/17/95</i>
METALLURGIST INITIALS	JFW II	DATE	2/13/96
NAME AND SIGNATURE OF RECIPIENT OR RECIPIENT'S REPRESENTATIVE		DATE	

⑨

The following components are from a Hamilton Standard 14RF-9 aircraft propeller blade, P/NRFC11M1-6A, S/N 861398, from the No. 1 engine.

Portions outboard of the fracture:

- ✓ 1. Fracture face cut off about 1/2 inch from the fracture, and including a small piece cut from the larger piece. Both are in a small box.
- ✓ 2. Leading edge shell and foam piece within about 7 inches of the fracture.
- ✓ 3. Trailing edge shell and foam piece within about 7 inches of the fracture.
- ✓ 4. Two pieces of spar (with small amount of shell and foam) outboard of the fracture face piece and incorporating the outboard end of the taper bore hole. Each piece is about 6 inches long.
- ✓ 5. Major portion of the blade (with the outboard portion of the spar).

Portions inboard of the fracture:

- ✓ 6. Inboard fracture face, cut off about 1.5 inch from the fracture, and with a piece cut out.
- ✓ 7. Metallurgical mount containing a piece of the inboard face of the fracture.
- ✓ 8. Spar piece, about 1/2 inch thick, just inboard of item 6.
- ✓ 9. Trailing edge foam and shell piece.
- ✓ 10. Leading edge foam and shell piece.
- ✓ 11. Spar piece (about 7.5 inches long) from the trailing edge side of the taper bore hole.
- ✓ 12. Tensile test specimens machined from the spar leading edge piece corresponding to item 11.
- ✓ 13. Butt end of the blade with snap ring, three seals, and bearing outer race.
- ✓ 14. Small miscellaneous pieces of shell and foam.
- ✓ 15. Small amount of material removed from the taper bore.

NATIONAL TRANSPORTATION SAFETY BOARD RECEIPT OF AIRCRAFT PARTS	ACCIDENT IDENTIFICATION NUMBER DCA95MA054
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PART II - RELEASE OF AIRCRAFT PARTS

REGISTRATION NUMBER N256AS	MAKE EMBRAER	MODEL EMB-120
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DATE OF ACCIDENT AUGUST 21, 1995	LOCATION CARROLLTON, GEORGIA
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The National Transportation Safety Board has retained, for further examination, those parts, pieces, or components listed below. When the examination is complete, they will be returned to:

OWNER OR OWNER'S REPRESENTATIVE- **RILEY SHAMBURGER**
ATLANTIC SOUTHEAST AIRLINES
 ADDRESS **100 HARTSFIELD CENTER PKWY**
SUITE 800
ATLANTA, GEORGIA 30354

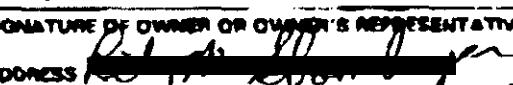
PARTS, PIECES, OR COMPONENTS RETAINED:

(2) PRATT & WHITNEY PW118 ENGINES
 S/N PC-E 115087 (LEFT) } RETURNED
 S/N PC-E 115305 (RIGHT) } AUGUST 25, 95

(2) HAMILTON STANDARD PROPELLER
 ASSEMBLIES
 S/N 900407 (LEFT) } RETURNED
 S/N 860703 (RIGHT) } September 15, 95

SIGNATURE OF NTSB REPRESENTATIVE 	TITLE POWERPLANT GROUP CHAIR	DATE OCT 17, 96
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The registered owner or owner's representative will acknowledge receipt of the materials by signing this form in the spaces designated below.

SIGNATURE OF OWNER OR OWNER'S REPRESENTATIVE 	TITLE MGR CORP. SAFETY PARTY COORDINATOR TO NTSB	DATE 11-13-96
ADDRESS 100 HARTSFIELD CENTER PKWY ATLANTA, GA 30354		

(11)