

DOCKET NO. SA-516

EXHIBIT NO. 8D

**NATIONAL TRANSPORTATION SAFETY BOARD**

**WASHINGTON, D.C.**

BOEING LETTER TO NTSB, DATED SEPTEMBER 26, 1996 WITH  
RECOMMENDATIONS FOR FUEL TESTS

by

Gordon J. Hookey

September 26, 1996  
B-B600-15796-AS1

Jim Hookey, AS-40  
National Transportation Safety Board  
490 L'Enfant Plaza, S.W.  
Washington, D.C. 20594-2000

Subject: TWA 747 Accident near Long Island, New York

Reference: Your Telecon with Van Winters

Dear Mr. Hookey:

In the reference call you requested Boeing recommendations regarding what parameters should be measured in an analysis which the NTSB was planning to have done on the fuel samples taken from the engines from the accident airplane which were recovered from the sea.

We have listed below our recommended parameters. Note that these fuel samples are from the engines and will represent a mixture of fuel remaining in the main tanks from the previous Athens- New York flight and fuel loaded into the main tanks at New York for the accident flight. It will not tell us anything about the properties of the fuel which remained in the center wing tank from the Athens- New York flight.

Priority	ASTM test procedure (or equivalent)	minimum fuel sample/run
3	D86 Distillation	100 ml
2	D93 Flash Point	50 ml
4	D323 Vapor Pressure	10 ml
1	D4052 Density	1 ml
5	D3701 Hydrogen(wt %)	50 ml

Very truly yours,

  
John W. Purvis  
Director, Air Safety Investigation  
Org. B-B600, M/S 67-PR  
Telex 32-9430, STA DIR PURVIS  
Phone (206) 237-8525  
Fax (206) 237-8188

cc: AI Dickinson AS-10

ATTACHMENT 3

**BOEING**