Docket No. SA-520

Exhibit No. 9-D

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Horizontal Stabilizer Actuator Travel Data

(4 Pages)

ETHLE 2/15/80 FORM XAEO-13A2 (1-	-63)			A= 2851	n[()/z] Ba	<u>= .805()+</u> 2
	NETRAL A	LIGNE	НО . интим о	RIZONTAL S	TABILIZER N RIVETS	•
	A	E	GOLDEN R	IVETS		
			BG	PIVOT		(SER BO) BI.7GR
· . \			TABILIZER		VIE'N Looking Down	8-
	SERIES		obition ominal ND (deg) NU (deg)	(REF) A (INCH)	LEFT SIDE BG (INCH)	BG (INCH) AT NEUTRAL
	BASIC		AND 1.0 ANU 9.0		0:78 ± .11 8.83 ± .14	1.59 ± .04
2.	-20		AND .5 ANU 12.0		$./9 \pm .11$ $ 1.25 \pm .14$ $.42 \pm .11$	2.61±.04
	-30		AND 15 <u>ANU 12.0</u> AND 2.6	1.81±.18 13.75±25 2.93±.18	12.27±.14 0.92±.11	·
	-33-3	4	ANU 12.0 AND 2.1	ł	12.67±.14	3.01±.04
	-40 -5		ANU 12.0 ANU 5.0	13.75±25	$12.27 \pm .14$ 6.63 ± .11	2.61±.04
· · ·	-30	F	ANU 8.0		9.05 ± .14 7.03 ± .11	
	-33, -3		ANU 8.0 ANU 5.1 ANU 8.0		$\begin{array}{r} 9.45 \pm .14 \\ \hline 6.63 \pm .11 \\ 9.05 \pm .14 \end{array}$	
	l			<u> </u>	••	N SHEET 5.3
DOUG	LAS	SI ZE	CODE IDENT		79	106
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FORM \$460-1342 (1-68)

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CONT. FROM SHEET 5.20 (HORIZONTAL STABILIZER)

SERIES	and (deg) anu (deg)	A (INCH)	BG (INCH)	BG (INCH) AT NEUTRAL
-80	AND 2.1-	2.98±.25	1.32 ± .14	3.01±.04
	ANU 12.2	17.272.31	12.83 ±.16	
CHECK PTS	ANU 8.0	11.34±.25	9.45 ±, 4	
FOR FLT.	ANU 10.0		11.06 ±.14	
DATA		5.67±.25	6.23 ± .11	
RECORDER	ANU 6.0	8.51±.25	7.84 ± .11	
07	AND 2.1	3.00 ±.25	1.26 ±.15	2.93 ±.0
-87	ANU 14.5	20.64±.15	14.63±.08	2.730
	ANU 4.0	5.71 ± .25	6.13 ±.11	
	ANU 6.0	8.56±.25	7.74±.11	•
•	ANU 8.0	11.41 ± .25	9.36±.14	•
	ANU 10.0	14.25 ± .25	.0.97 ± .14	
	ANU 12.0	17.09 ± .31	12.60±.16	

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