

Docket No. SA-539

Exhibit No. 2-T

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Addendum 3 – Kubicek Balloon Performance

(2 Pages)

		BB26E	BB85Z	BB85Z II	Note
Test flight data	Envelope S/N	635	585	341	
	Envelope volume [ft3]	90k	300k	300k	
	Date of the flight test	20 OCT 2008	25 JUN 2008	10 MAY 2005	
	Takeoff weight [lb]	1619	5011	5740	
Fast climb	Altitude reached after 60s [ft]	485	350	413	FAR requires min 300 ft
	Max measured RoC [ft/min]	760	610	610	
Manouverability - vertical velocity change from -400 ft/min to +200 ft/min	Measured time	41	N/A	35	
	Measured altitude loss [ft]	134	N/A	115	
Cold descend	Max measured RoD [ft/min]	1080	944	1180	
	Alt. loss to recover max RoD [ft]	420	560	1027	
	Time to recover max RoD [s]	45	64	75	
Note	The data shows result of test flights, not actual or maximum performance of the balloon				