

Exhibit B
Airborne Terminal
Additional Frequency Data

Item 7: Channel selection limited by software based on signal bandwidth.

Item 8: Necessary bandwidth calculated per NTIA Redbook Annex J, for PSK, with K=1.

Item 10: 12-Section waveguide bandpass filter.

Item 11: 64M0G1D uses 32 Mcps BPSK direct sequence spread spectrum. See item 14.

Item 12, when configured as an Airborne Terminal: (ALL VALUES IN MHz)

	64M0G1D	8M00G1D	21M4G1D	42M8G1D	89M5G1D
a. -3 dB	30.4	3.8	10.3	23.3	40.0
b. -20 dB	57.6	7.0	20.1	40.8	77.5
c. -40 dB	123.2	15.6	41.9	83.6	161
d. -60 dB	184.8	54.0	63.0	130	260
e. OC-BW	26.4	9.1	16.5	32.6	67.2

Item 14:

Emission Designator	Information Bit Rate	FEC	Spread Rate	Modulation
64M0G1D	200 kbps	$r=1/2, k=7$	32 Mcps	BPSK
64M0G1D	400 kbps	$r=1/2, k=7$	32 Mcps	BPSK
64M0G1D	2 Mbps	$r=1/2, k=7$	32 Mcps	BPSK
8M00G1D	2 Mbps	$r=1/2, k=7$	NA	BPSK
21M4G1D	10.71 Mbps	$r=1/2, k=7$	NA	O-QPSK
42M8G1D	21.42 Mbps	$r=1/2, k=7$	NA	O-QPSK
89M5G1D	44.73 Mbps	$r=1/2, k=7$	NA	O-QPSK

Item 15: Maximum symbol rate to modulator