

## Analog Tape recorder AMPEX 440C tape cal procedures 15ips

Function	Frequency	Tape	Mode	procedure
Azimuth				
Repro Head	10/15k cal tape	cal tape	Playback	Monitor repro one, channel adjust for maximum output, view outside tracks with scope, check wave phase, adjust for max amplitude
Record head	10k	blank tape	REC	Monitor repro mix
Repro playback	1k	cal tape	Playback	Playback monitor, adjust repro level
Sync playback			playback	sync monitor, adjust repro level
HI freq	playback EQ	cal tape playback	playback	monitor & adjust HI freq EQ
LO freq	playback EQ >250Hz	cal tape playback	playback	monitor rough in/watch fringing
Erase Peak		blank tape	Record	meter bias, adjust erase peak for max
BIAS adjust (499 over 3.5 dB)	10k	blank tape	Record	meter repro, adjust rec level for 0-VU at Peak BIAS, adjust BIAS level for correct level
BIAS cal			Record	meter bias, set to 0
Record EQ	10k	blank tape	Record	monitor repro, adjust for flat response 5k - 15k
Record Level	1k	blank tape	Record	monitor repro, adjust rec level to 0
Record cal	1k	blank tape	Record	monitor input, adjust for 0
Low Freq	EQ100 - 30	blank tape	Record	monitor repro, adjust low freq EQ for optimum
Noise	nothing	blank tape	Record	Listen for noise