Fin Fan check if there is a system vibration issue

Mark fan blade numbers with mark on each fan blade

FAN BLADE PITCH



Mount Protractor on flat bar as base and place it approximatley 1” from tip of blade.

Fan Pitch Design _____

Blade #	As Found	After Adjustment
1		
2		
3		
4		
5		
6		
7		
8		

Pitch must be within +/-0.2°

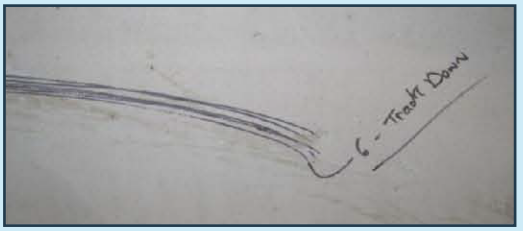
FAN BLADE TRACKING



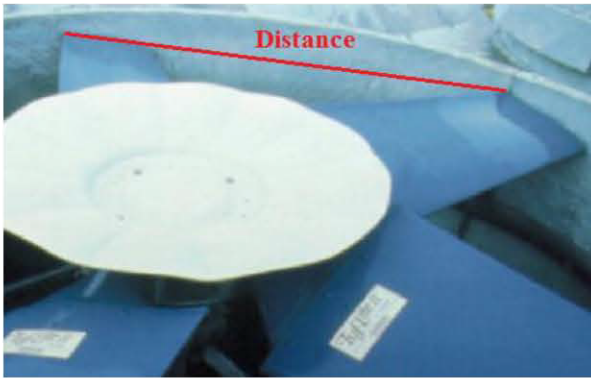
Trace each blade with marker on pleum
Mark lines with blade number
The difference between levels of highest and lowest outlests should not be more than 1/2”

As Found	After Adjustment

Tracking must be within 1/2’



FAN BLADE SWEEP



Measure from trailing edge to trailing edge of the next blade. All sweep measurements must be within 1” of each other.

Between Blade #	As Found	After Adjustment
1-2		
2-3		
3-4		
4-5		
5-6		
6-7		
7-8		
8-9		

Sweep must be close

MAX RUNNING AMP READING

Amp Reading Before: _____ Amp Reading After: _____

COOLING TOWER DEPOT®