```
[Engine Details]
Name=CFM56_5C
Planes=2
RotationFLA=1
CoreBalance = True

* Engine name and number of balance planes (default=1)

NoPos0=36
NoPosSol0=10
Angle0=0
Dir0=1
CurrWt0=
MaxWt0=3500

* Input number of fan balance positions and maximum weight limit

NoPos1=68
NoPosSol1=25
Angle1=0
Dir1=1
CurrWt1=
MaxWt1=140

* Input number of core/lpt balance positions and maximum weight limit

100%RPM=5000

* Input RPM value for 100% (if applicable), default is a blank field

[TB Default Settings]
AcquisitionIncreasing=1
SpeedRPM=1
SpeedTol=40
SummedWeights=1
DefaultTransducers=3

[Transducer Info]
Number=2

T0Name=FANBRG
T0HiHi=8
T0Hi=7

T1Name=VIBFFCC
T1HiHi=8
T1Hi=7

T2Name=LPT
T2HiHi=4.23
T2Hi=2.25

* Number of transducers
* name, HiHi, and Hi limits for each transducer

[Tracking Speeds]
Number=8
Spd0=3800
Spd1=4000
```

```
Spd2=4100
Spd3=4200
Spd4=4400
Spd5=4500
Spd6=4600
Spd7=4700
Spd8=""
Spd9=""

[SpdFact]
FSpd0=0.125
FSpd1=0.125
FSpd2=0.125
FSpd3=0.125
FSpd4=0.125
FSpd5=0.125
FSpd6=0.125
FSpd7=0.125
FSpd8=""
FSpd9=""

[Core Tracking Speeds]
Number=9
Spd0=9000
Spd1=9250
Spd2=9500
Spd3=9750
Spd4=10000
Spd5=10250
Spd6=10500
Spd7=10750
Spd8=10000
Spd9=""

[Core SpdFact]
FSpd0=0.111111
FSpd1=0.111111
FSpd2=0.111111
FSpd3=0.111111
FSpd4=0.111111
FSpd5=0.111111
FSpd6=0.111111
FSpd7=0.111111
FSpd8=0.111111
FSpd9=""

[PUFact]
FanFPU0=0.7
FanFPU1=0.3
FanFPU2=0.7
FanFPU3=0.3
FanFPU4=0.5
FanFPU5=0.5
FanFPU6=0.333333
FanFPU7=0.333333
FanFPU8=0.333333

LPTFPU0=0.2
LPTFPU1=0.8
```

```
LPTFPU2=0.2
LPTFPU3=0.8
LPTFPU4=0.5
LPTFPU5=0.5
LPTFPU6=0.333333
LPTFPU7=0.333333
LPTFPU8=0.333333

* fan and lpt pickup factors

[Sensitivity]
0FanSens0=299.32
0FanSens1=334.59
0FanSens2=273.00
0FanSens3=272.83
0FanSens4=263.13
0FanSens5=219.73
0FanSens6=194.26
0FanSens7=156.14
0FanSens8=""
0FanSens9=""

1FanSens0=370.12
1FanSens1=390.75
1FanSens2=360.19
1FanSens3=368.88
1FanSens4=380.46
1FanSens5=339.34
1FanSens6=356.73
1FanSens7=312.62
1FanSens8=""
1FanSens9=""

2FanSens0=""
2FanSens1=""
2FanSens2=""
2FanSens3=""
2FanSens4=""
2FanSens5=""
2FanSens6=""
2FanSens7=""
2FanSens8=""
2FanSens9=""

0LPTSens0=87.57
0LPTSens1=74.0
0LPTSens2=60.0
0LPTSens3=40.52
0LPTSens4=22.14
0LPTSens5=18.79
0LPTSens6=27.82
0LPTSens7=29.5
0LPTSens8=31.12
0LPTSens9=""

1LPTSens0=30.02
1LPTSens1=20.0
1LPTSens2=11.23
1LPTSens3=10.39
```

1LPTSens4=9.82
1LPTSens5=12.33
1LPTSens6=13.22
1LPTSens7=15.7
1LPTSens8=18.3
1LPTSens9=""

2LPTSens0=""
2LPTSens1=""
2LPTSens2=""
2LPTSens3=""
2LPTSens4=""
2LPTSens5=""
2LPTSens6=""
2LPTSens7=""
2LPTSens8=""
2LPTSens9=""

* enter the textbook or 'best buess' sensitivity values for each transducer(0-2) at=""
* each tracking speed for the Fan and LPT. Any unpopulated lines may be removed.=""
[Phase Lag]
0FanPlag0=102.44
0FanPlag1=64.62
0FanPlag2=82.99
0FanPlag3=77.00
0FanPlag4=115.90
0FanPlag5=117.08
0FanPlag6=109.55
0FanPlag7=19.13
0FanPlag8=""
0FanPlag9=""

1FanPlag0=125.86
1FanPlag1=24.27
1FanPlag2=51.70
1FanPlag3=31.00
1FanPlag4=34.22
1FanPlag5=25.05
1FanPlag6=13.79
1FanPlag7=253.28
1FanPlag8=""
1FanPlag9=""

2FanPlag0=""
2FanPlag1=""
2FanPlag2=""
2FanPlag3=""
2FanPlag4=""
2FanPlag5=""
2FanPlag6=""
2FanPlag7=""
2FanPlag8=""
2FanPlag9=""

0LPTPlag0=167.
0LPTPlag1=172.
0LPTPlag2=178.7
0LPTPlag3=224.1
0LPTPlag4=196.2

0LPTPlag5=164.1
0LPTPlag6=141.3
0LPTPlag7=133.5
0LPTPlag8=126.2
0LPTPlag9=""

1LPTPlag0=274.2
1LPTPlag1=248.
1LPTPlag2=222.5
1LPTPlag3=182.3
1LPTPlag4=150.7
1LPTPlag5=125.
1LPTPlag6=105.4
1LPTPlag7=87.
1LPTPlag8=67.2
1LPTPlag9=""

2LPTPlag0=""
2LPTPlag1=""
2LPTPlag2=""
2LPTPlag3=""
2LPTPlag4=""
2LPTPlag5=""
2LPTPlag6=""
2LPTPlag7=""
2LPTPlag8=""
2LPTPlag9=""

* enter the textbook or 'best buess' phase lag values for each transducer(0-2) at=""
* each tracking speed for the Fan and LPT. Any unpopulated lines may be removed.=""

[Fan Weights]
Number=6

Part0=P01
Part1=P02
Part2=P03
Part3=P04
Part4=P05
Part5=P06
Part6=
Part7=
Part8=
Part9=
Part10=
Part11=
Part12=
Part13=
Part14=
Part15=
Part16=
Part17=
Part18=
Part19=

PanWt0=10
PanWt1=13.4
PanWt2=16.8
PanWt3=20.2

PanWt4=23.6
PanWt5=27.4
PanWt6=
PanWt7=
PanWt8=
PanWt9=
PanWt10=
PanWt11=
PanWt12=
PanWt13=
PanWt14=
PanWt15=
PanWt16=
PanWt17=
PanWt18=
PanWt19=

EffectWt0=89.3
EffectWt1=174.3
EffectWt2=257.5
EffectWt3=336.2
EffectWt4=401.0
EffectWt5=461.8
EffectWt6=
EffectWt7=
EffectWt8=
EffectWt9=
EffectWt10=
EffectWt11=
EffectWt12=
EffectWt13=
EffectWt14=
EffectWt15=
EffectWt16=
EffectWt17=
EffectWt18=
EffectWt19=

* number of balance weiths, part numbers, pan weights (not a required field)
* and effective weight values
* ?? ManWtLim=3520 ??

[LPT Weights]
Number=1

Part0=1834M53P01
Part1=
Part2=
Part3=
Part4=
Part5=
Part6=
Part7=
Part8=
Part9=
Part10=
Part11=
Part12=
Part13=

Part14=
Part15=
Part16=
Part17=
Part18=
Part19=

PanWt0=1.37
PanWt1=
PanWt2=
PanWt3=
PanWt4=
PanWt5=
PanWt6=
PanWt7=
PanWt8=
PanWt9=
PanWt10=
PanWt11=
PanWt12=
PanWt13=
PanWt14=
PanWt15=
PanWt16=
PanWt17=
PanWt18=
PanWt19=

EffectWt0=1.37
EffectWt1=
EffectWt2=
EffectWt3=
EffectWt4=
EffectWt5=
EffectWt6=
EffectWt7=
EffectWt8=
EffectWt9=
EffectWt10=
EffectWt11=
EffectWt12=
EffectWt13=
EffectWt14=
EffectWt15=
EffectWt16=
EffectWt17=
EffectWt18=
EffectWt19=

ManWtLim=140

* Last known configuration settings
[Fan Config]
Number=0

Loc0=
Loc1=
Loc2=
Loc3=

Loc4=
Loc5=
Loc6=
Loc7=
Loc8=
Loc9=
Loc10=
Loc11=
Loc12=
Loc13=
Loc14=
Loc15=
Loc16=
Loc17=
Loc18=
Loc19=

Part0=
Part1=
Part2=
Part3=
Part4=
Part5=
Part6=
Part7=
Part8=
Part9=
Part10=
Part11=
Part12=
Part13=
Part14=
Part15=
Part16=
Part17=
Part18=
Part19=

[LPT Config]
Number=4

Loc0=1
Loc1=66
Loc2=67
Loc3=68
Loc4=
Loc5=
Loc6=
Loc7=
Loc8=
Loc9=
Loc10=
Loc11=
Loc12=
Loc13=
Loc14=
Loc15=

Loc16=
Loc17=
Loc18=
Loc19=
Loc20=
Loc21=
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Loc51=
Loc52=
Loc53=
Loc54=
Loc55=
Loc56=
Loc57=
Loc58=
Loc59=
Loc60=
Loc61=
Loc62=
Loc63=
Loc64=
Loc65=
Loc66=
Loc67=

Part0="RESTRICTED"
Part1="RESTRICTED"
Part2="RESTRICTED"
Part3="RESTRICTED"
Part4=

Part5=
Part6=
Part7=
Part8=
Part9=
Part10=
Part11=
Part12=
Part13=
Part14=
Part15=
Part16=
Part17=
Part18=
Part19=
Part20=
Part21=
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Part46=
Part47=
Part48=
Part49=
Part50=
Part51=
Part52=
Part53=
Part54=
Part55=
Part56=
Part57=
Part58=
Part59=
Part60=
Part61=
Part62=
Part63=

Part64=
Part65=
Part66=
Part67=

[Units & Tables]
Weights=g*cm
Vibs=mils
Tables=TRUE

[Core Units & Tables]
WeightsCore=g
VibsCore=ips
TablesCore=FALSE

* effective weight and vibration units
* if weight lookup tables are available, tables=TRUE, otherwise leave FALSE