

===== 'N422DJ' - Propeller Balance =====

Customer: N422DJ  
 Started: 04/26/2006 11:47.14 Finished: Yes  
 A/C Reg: A/C Total TM: 0.0  
 Eng S/N: TSO: 0.0  
 Eng Pos: 0 TSN: 0.0

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 2020 Analyzer Information

Owner: Ferrer Aviation Serial No: 01019  
 Addr: Versions:  
 Services Boot ROM: 3.1  
 13338 Thornton Dr. Application: 5.01  
 Westlake, TX. 76262  
 Phone: Cal Date: 05/05/2005 16:40.37

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 AvTrend License Information

Owner: TEC License Number:  
 Serial Number: Type: Temporary  
 Level: Bronze

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 Setup: PIPER DAKOTA

Channel A: 991D-1  
 (20.000 mVolts/g's, Normal Polarity, Single-Ended)

Maximum Vib: 1.00 IPS Peak Max Balance Wt: 100  
 Engine HP: 235  
 Bal speed: 2300 Rotation: CCW  
 Tach Chan: 1 Tach Type: Optical  
 ICF Samples: 6 Wts relative to: Tape  
 Sens 1 ICF: 67.3 GMS/Vib, 2 Degrees/Rot  
 Sens 2 ICF: 40.3 GMS/Vib, 0 Degrees/Rot  
 Tach Pos: 09:00 Sensor Pos: 12:00  
 Sensor chan: A

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 \*\*\* Single-engine balance job \*\*\*

Prop Balance for 5 Runs (Engine 1)

Run	Speed rpm	Vib mag	(p) deg	Influence g/vib		Solution gram	deg	Installation gram	deg
1	2312	0.63	96	40.3	0	25.3	276	23.5	270
2	2303	0.33	107	76.4	5	48.1	282	30.3	270
								20.5	300
3	2325	0.08	35	81.1	358	51.9	275	43.8	270
								9.6	300
4	2330	0.11	163	84.1	4	55.9	284	30.2	270
								27.8	300
5	2287	0.04	344	0.0	0				

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 Engine 1: \_\_\_\_\_ Grams \_\_\_\_\_ Degrees

Signature: \_\_\_\_\_ License No: \_\_\_\_\_

Customer: N422DJ  
Started: 04/26/2006 12:48.26  
A/C Reg:  
Condition: Default  
Channel A: CH A

Finished: Yes  
A/C Total TM: 0.0

