



# PROPELLER REPAIR

PROP SCAN COMPUTERIZED PROP REPAIR

3005 S.W. 2nd. Avenue, Bay #3

Ft. Lauderdale, Florida 33315

(954) 763-8883 or Toll Free 1-888-900-PROP(7767)

## HOW TO READ YOUR REPORT

**A**

Job No.	00001
Date	01/01/97
Dia.	44.000
Blades	3 X 4 RH

**B**

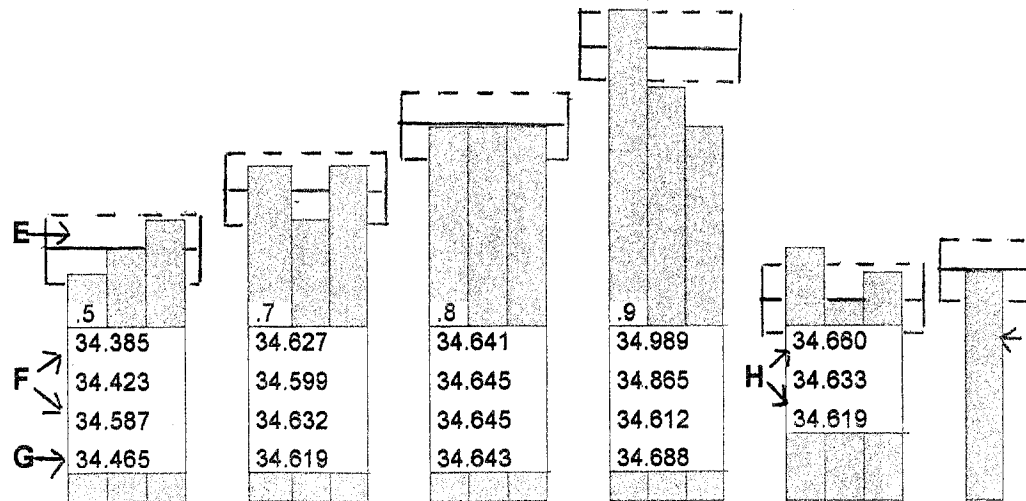
ISO 484
Class 1
CTM

↑ J

**C**  
Measured Mean = 34.637

**D**

(a) 72.5%	← L
(b) 96.5%	← M
(c) 98.3%	← N



A. Job Number, Date Measured, Diameter of Propeller, Number of Blades, Rotation of Propeller
B. Specification for this inspection.
C. Measured mean pitch of propeller.
D. Ratings
E. Tolerance Box
F. Mean Pitch of each Blade
G. Mean Pitch of Radius
H. Mean Pitch per Blade.
I. Mean Pitch per Propeller
J. CTM Indicates compared to mean
K. Report conforms to ISO Class 1
L. Local Pitch pass Percentage
M. Radial Pitch pass Percentage
N. Blade Pitch pass Percentage

**Precision Prop Technology, Inc**  
**Prop Scan Computerized Prop Repair & Tuning**

3005 S.W. 2nd Ave. Bay 103

Ft. Lauderdale, Florida 33315

Tel: 954-763-8883 Fax: 954-763-8884

Toll Free 1-888-900-7767(Prop)

**HOW TO READ YOUR T-REPORT**

A	B	C	D	E	F	G
Job No.	00002F	Date 01/01/97	Dia. 29.750	Blades 4 x 4 passes	LH	G6 S

H	I	J	K	L			
Radius	Blade No.	Lp1	Lp2	Lp3	Lp4	Blade Mean	Pass Mean

Pass 1 .5	Blade 1	28.170	28.874	28.921	29.766	28.920	.5	
	Blade 2	28.082	29.315	29.015	29.485	28.965		
	Blade 3	28.170	29.050	28.921	29.579	28.920		
	Blade 4	27.994	29.050	28.921	29.954	28.965		28.943
Pass 2 .7	Blade 1	28.170	28.820	29.470	30.048	29.091	.7	
	Blade 2	28.271	28.820	29.362	30.048	29.091		
	Blade 3	28.070	29.145	29.470	29.813	29.091		
	Blade 4	28.070	29.145	29.037	30.166	29.064		29.084
Pass 3 .8	Blade 1	28.426	28.554	29.297	30.142	29.076	.8	
	Blade 2	28.170	28.554	29.015	30.424	29.009		
	Blade 3	27.914	28.938	29.297	30.283	29.076		
	Blade 4	27.786	28.938	29.015	30.565	29.042		29.05
Pass 4 .9	Blade 1	27.935	28.640	29.579	30.424	29.066	.9	
	Blade 2	28.170	28.405	29.297	30.705	29.066		
	Blade 3	28.170	28.640	29.015	30.987	29.130		
	Blade 4	28.640	28.640	29.297	30.142	29.130		29.098
Mean Pitch	Blade 1	29.038					Propeller Mean Pitch	29.044
	Blade 2	29.033						
	Blade 3	29.054						
	Blade 4	29.050						

- A. The job number allocated to the measurement.
- B. Date of the measurement.
- C. Diameter of the prop.
- D. Number of blades on the propeller and the number of passes or radii measured(ie 4).
- E. Rotation of the propeller(ie. Left Hand).
- F. This job number is stored in Group 6.
- G. The report conforms to ISO Class S.
- H. The section radius measured (ie. .5,.7,.8,.9.)
- I. Blade # 1 is adjacent to the key. Blade #2 is next in the props rotation and so on.
- J. Local pitch areas measured from leading edge to trailing edge.
- K. Weighted mean pitch of each blade at each radius.
- L. The mean pitch of the total # of blades at that radius.

Job No. 3401A  
 Date 01/05/02  
 Dia. 39.500  
 Blades 5 x 5 LH

CLASS 2 - AVERAGE

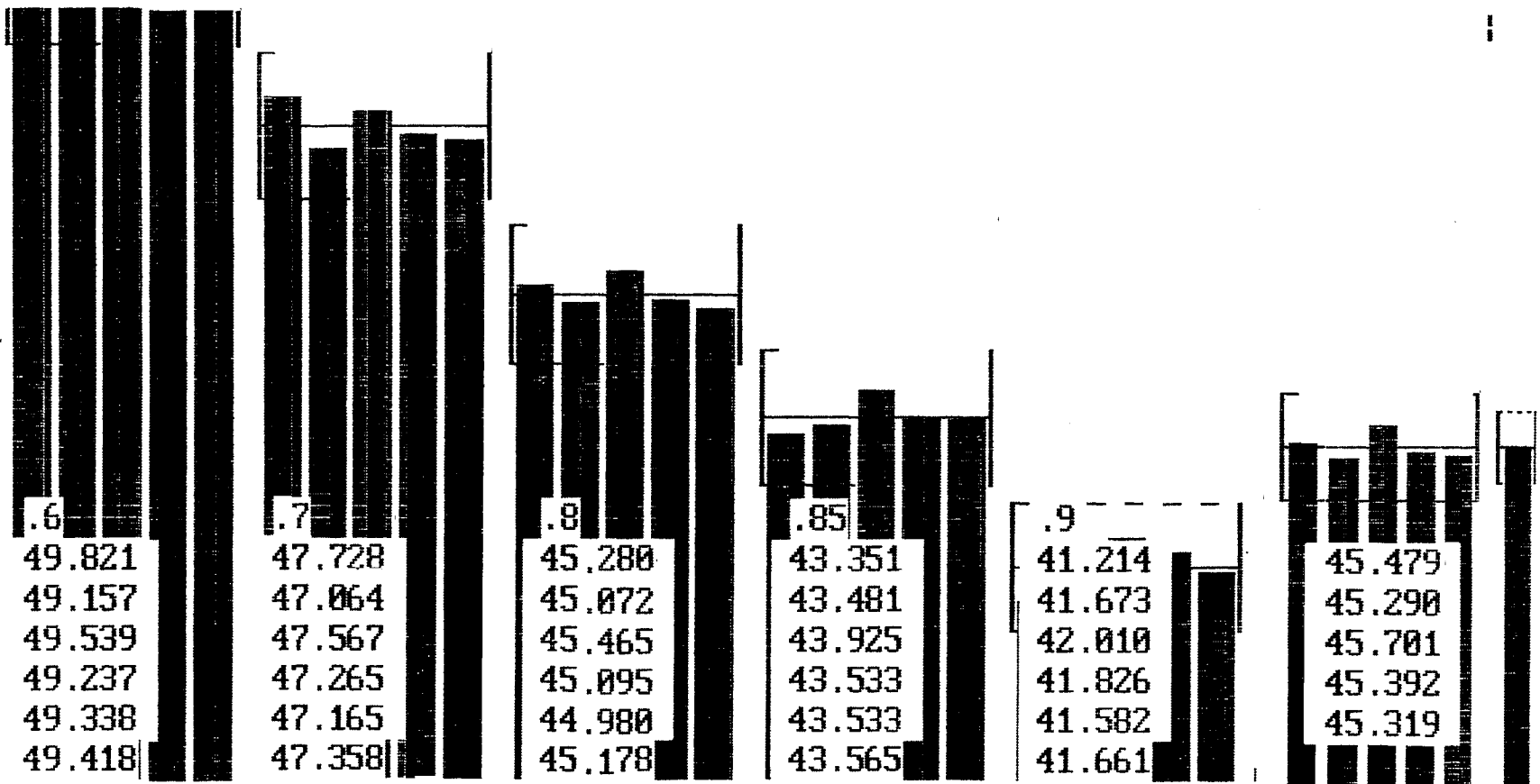
ISO 484  
 Class 2  
 CTM

Measured Mean = 45.436

BEFORE PORT PITCH

(a) 100.0%  
 (b) 100.0%  
 (c) 100.0%

G7  
 F3  
 \*  
 | d  
 |



Job No. 3402A  
 Date 01/05/02  
 Dia. 39.500  
 Blades 5 x 5 RH

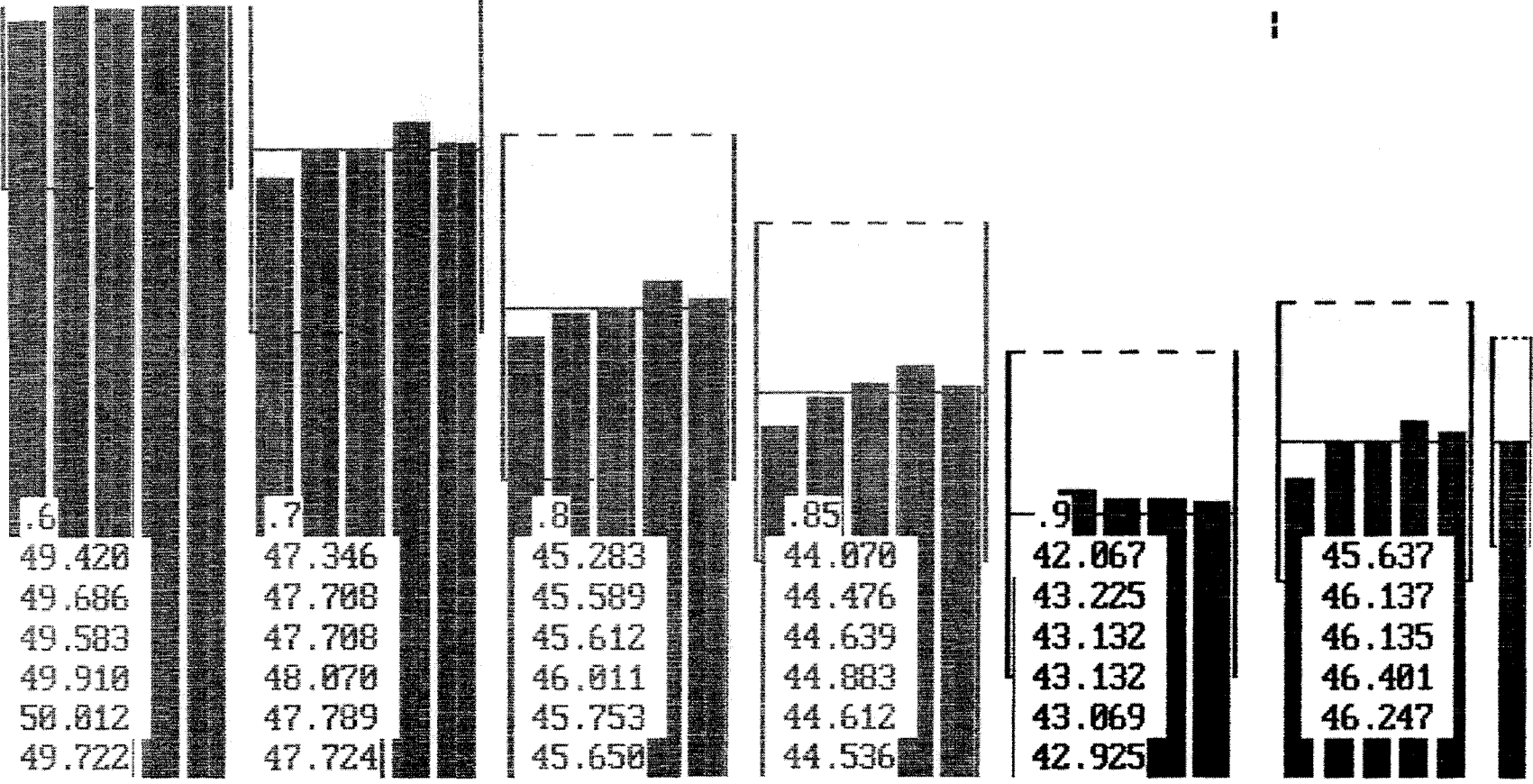
CLASS 3-POOR  
 ISO 484  
 Class 3  
 CTM

BEFORE STARBOARD PITCH  
 Measured Mean = 46.111

(a) 100.0%  
 (b) 100.0%  
 (c) 100.0%

G7  
 F

b | c | d  
 | | |



CLASS 1-6000

FINAL STARBOARD

G  
F3

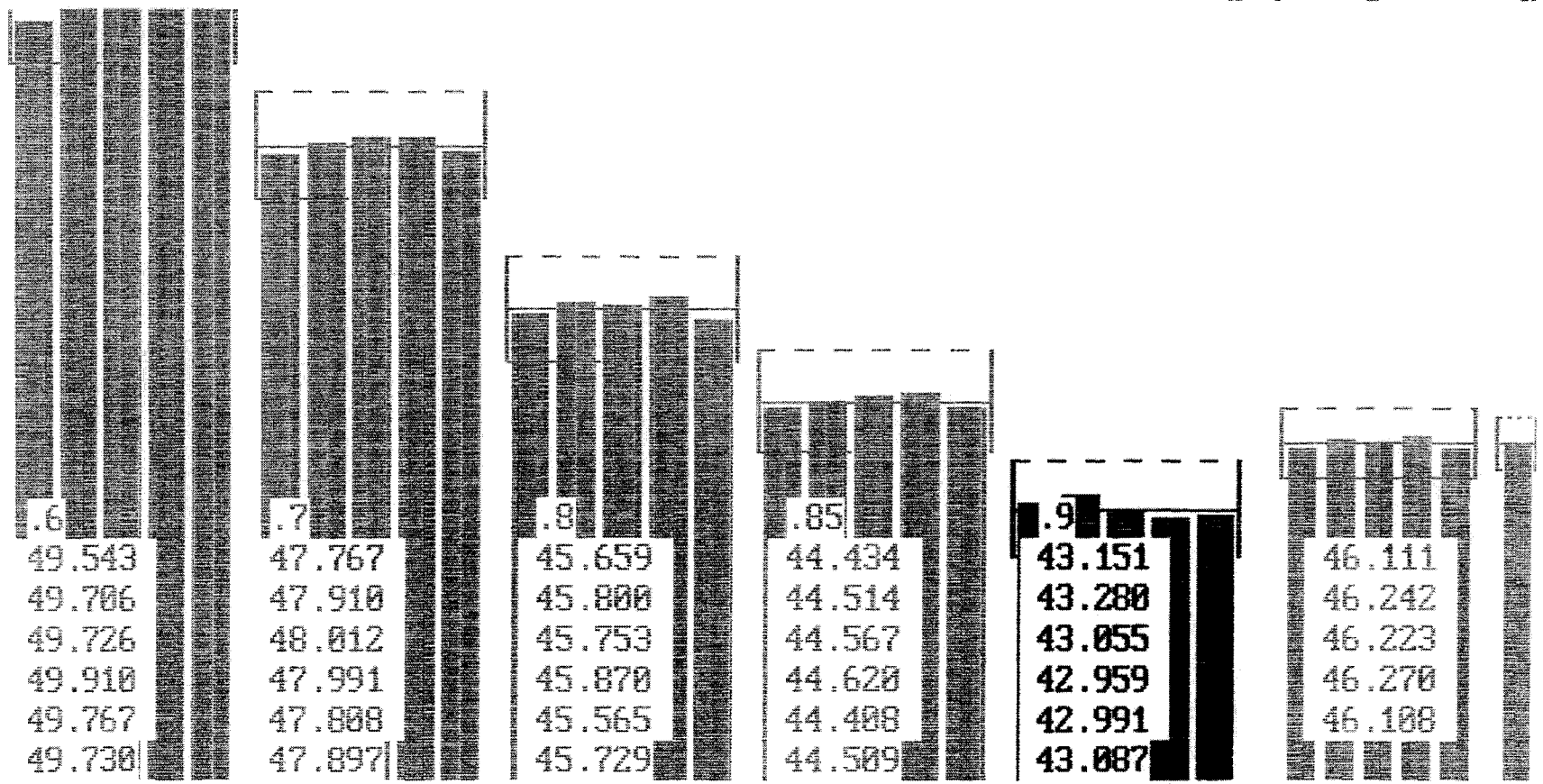
Job No.	3402F
Date	02/05/02
Dia.	39.500
Blades	5 x 5 RH

ISO 484
Class 1
CTM

Measured Mean = 46.191
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(a)	100.0%
(b)	100.0%
(c)	100.0%

b i c d



CLASS 1 - GOOD

FINAL PORT

Job No.	3401F
Date	07/05/02
Dia.	39.500
Blades	5 x 5 LH

ISO 484
Class 1
CTM

Measured Mean = 46.165
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(a)	100.0%
(b)	100.0%
(c)	100.0%

G7  
P3  
1  
d

