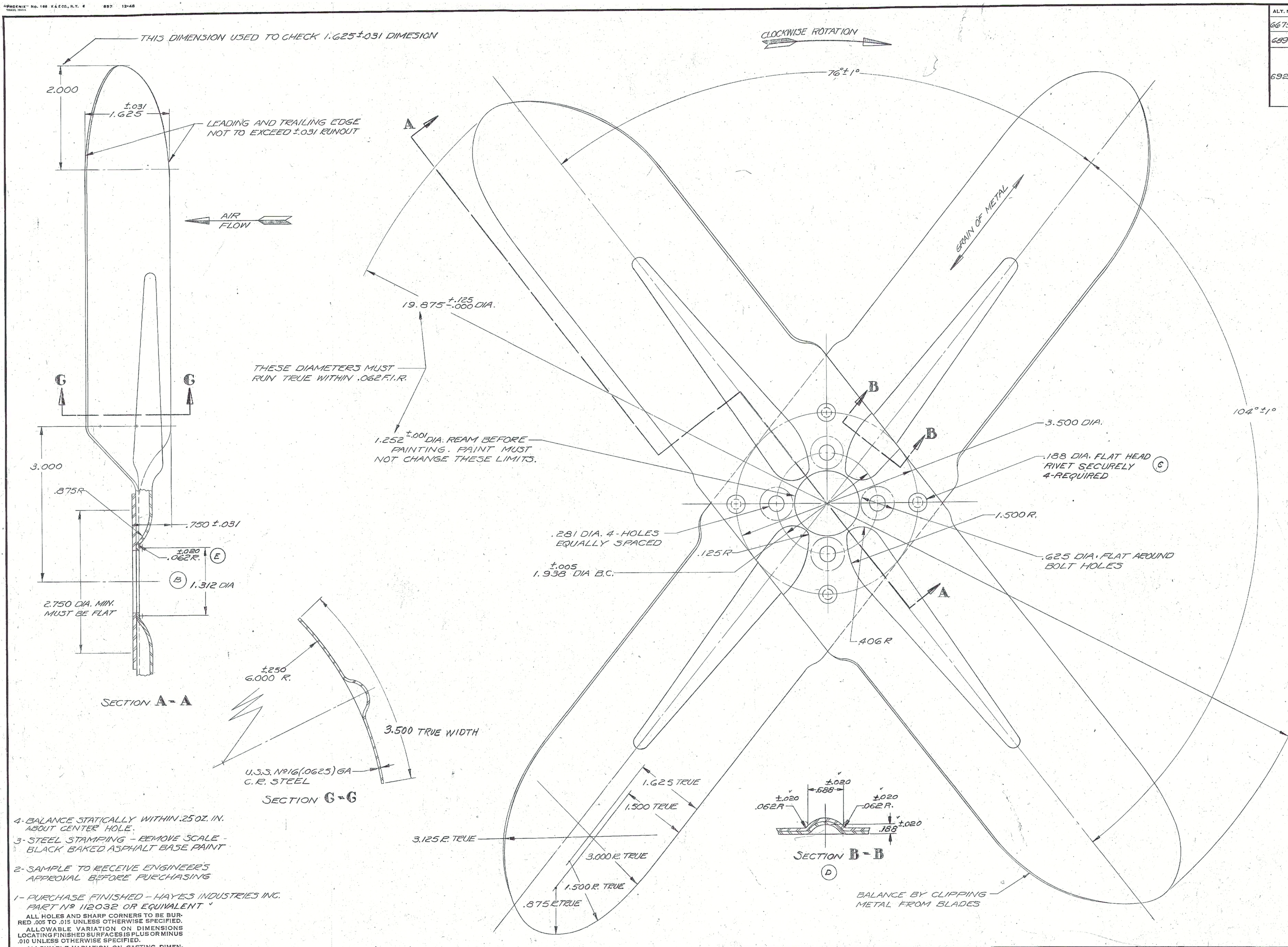
"PHOENIX" No. 168 K&E CO., N.Y. 857 12-48
TRADE MARK

ALT. NO.	LET.	ALTERATION NOT P.S.	DATE	CKR.
66757	A	NEW PART ADDED	FEB 9 1951	
68971	Ⓑ	.062 R. MIN. WAS .125 R.	APR 30 1953	
69251	Ⓒ	"FLAT HEAD" ADDED TO RIVET NOTE	June 25, 1953	
	Ⓓ	SECTION B-B REVISED		
	Ⓔ	$.062^{\pm.020}$ R. WAS .062 R. MIN.		
	F	NOTE Nº 1 REVISED 112032 WAS PTX-35-32		


THIS DIMENSION USED TO CHECK 1.625 ±.031 DIMESION
2.000
±.031
1.625
LEADING AND TRAILING EDGE NOT TO EXCEED ±.031 RUNOUT
AIR FLOW
G
G
3.000
.875R
.750 ±.031
±.020
.062R.
Ⓔ
Ⓑ
1.312 DIA
2.750 DIA. MIN. MUST BE FLAT
SECTION A-A
±.250
6.000 R.
3.500 TRUE WIDTH
U.S.S. Nº16 (.0625) GA
C.R. STEEL
SECTION G-G
CLOCKWISE ROTATION
76° ±1°
A
GRAIN OF METAL
19.875 +.125 -.000 DIA.
THESE DIAMETERS MUST RUN TRUE WITHIN .062 F.I.R.
1.252 ±.001 DIA. REAM BEFORE PAINTING. PAINT MUST NOT CHANGE THESE LIMITS.
B
B
3.500 DIA.
.188 DIA. FLAT HEAD RIVET SECURELY 4-REQUIRED
Ⓒ
104° ±1°
1.500 R.
.281 DIA. 4-HOLES EQUALLY SPACED
.125R
±.005
1.938 DIA B.C.
.625 DIA. FLAT AROUND BOLT HOLES
A
.406R
1.625 TRUE
1.500 TRUE
3.125 R. TRUE
3.000 R. TRUE
1.500 R. TRUE
.875 R. TRUE
±.020
.688
±.020
.062R
±.020
.062R.
±.020
.188
SECTION B-B
Ⓓ
BALANCE BY CLIPPING METAL FROM BLADES

4- BALANCE STATICALLY WITHIN .25 OZ. IN. ABOUT CENTER HOLE.

3- STEEL STAMPING - REMOVE SCALE - BLACK BAKED ASPHALT BASE PAINT

2- SAMPLE TO RECEIVE ENGINEER'S APPROVAL BEFORE PURCHASING

1- PURCHASE FINISHED - HAYES INDUSTRIES INC. PART Nº 112032 OR EQUIVALENT ✓

ALL HOLES AND SHARP CORNERS TO BE BURRED .005 TO .015 UNLESS OTHERWISE SPECIFIED.

ALLOWABLE VARIATION ON DIMENSIONS LOCATING FINISHED SURFACES IS PLUS OR MINUS .010 UNLESS OTHERWISE SPECIFIED.

ALLOWABLE VARIATION ON CASTING DIMENSIONS IS PLUS OR MINUS 1-32 AND ON FORGING DIMENSIONS PLUS 1-16 MINUS .000 UNLESS OTHERWISE SPECIFIED.

REMOVE SCALE FROM FORGINGS.
REMOVE SAND AND FINS FROM CASTINGS.
FORGING DRAFT ANGLES 7° UNLESS OTHERWISE SPECIFIED.
DOT AND DASH LINES INDICATE ROUGH STOCK.

BY	DTR.	TCR.	CKR.	MET.	CF. DN.	ENG.
NAME Morrison	—	[illegible]	E.A. Jackson	Dresser	[illegible]
DATE Jan 31, 1951	—	FEB 9 1951	Feb. 9 1951	Feb. 12 1951	Feb 12 1951

Packard
MOTOR CAR COMPANY
DETROIT, MICHIGAN

MATERIAL	SIZE	SHAPE	FORM	NAME	PIECE NO.
SEE NOTES	—	—	—	MOTOR FAN 327 ENGINES.	433779