

Robinson

PHYSICAL RESULTS ON SHAFTS FOR 3000 H.P.
SKINNER & EDDY TURBINE AND TWO PLANE
TYPE GEARS.

SERIAL NUMBER OF TURBINE 21824
SERIAL NUMBER OF GEARS 4401

Req. # Pt. - 39691
PO-140151.

NAME	SERIAL	T.S.	B.L.	R.A.	ELONG 2"	SPEC.
Turbine Shaft	S-202	85000	55000	41%	20%	504
H.S. Pinion Shaft	S-301	111000	70000	45.1%	19%	731
H.S. Gear Shaft	S-112	78800	41650	54.5%	29.5%	501
H.S. Gear Shaft	S-114	78800	49200	59.7%	24%	501
L.S. Pinion Shaft	S-401	106500	71500	49.5%	22%	731
L.S. Pinion Shaft	S-402	107500	73000	49.2%	20%	731
L.S. Gear Shaft	S-122 120	75380		48.5%	29%	732
Flexible Shaft	S-135	100000	64000	60.2%	26.5%	504
Flexible Shaft	S-136	101120	64400	47.7%	24%	504
L.S. Gear Rim	U-1	79550	36500	40.3%	25%	501
L.S. Gear Rim	U-3	79100	39000	45.1%	28.5%	501

Bend Test is 180° on all Shafts Listed above.

Bend Test is 145° on U-1 and 114° on U-3.

R 18/11/19



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Foundation

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