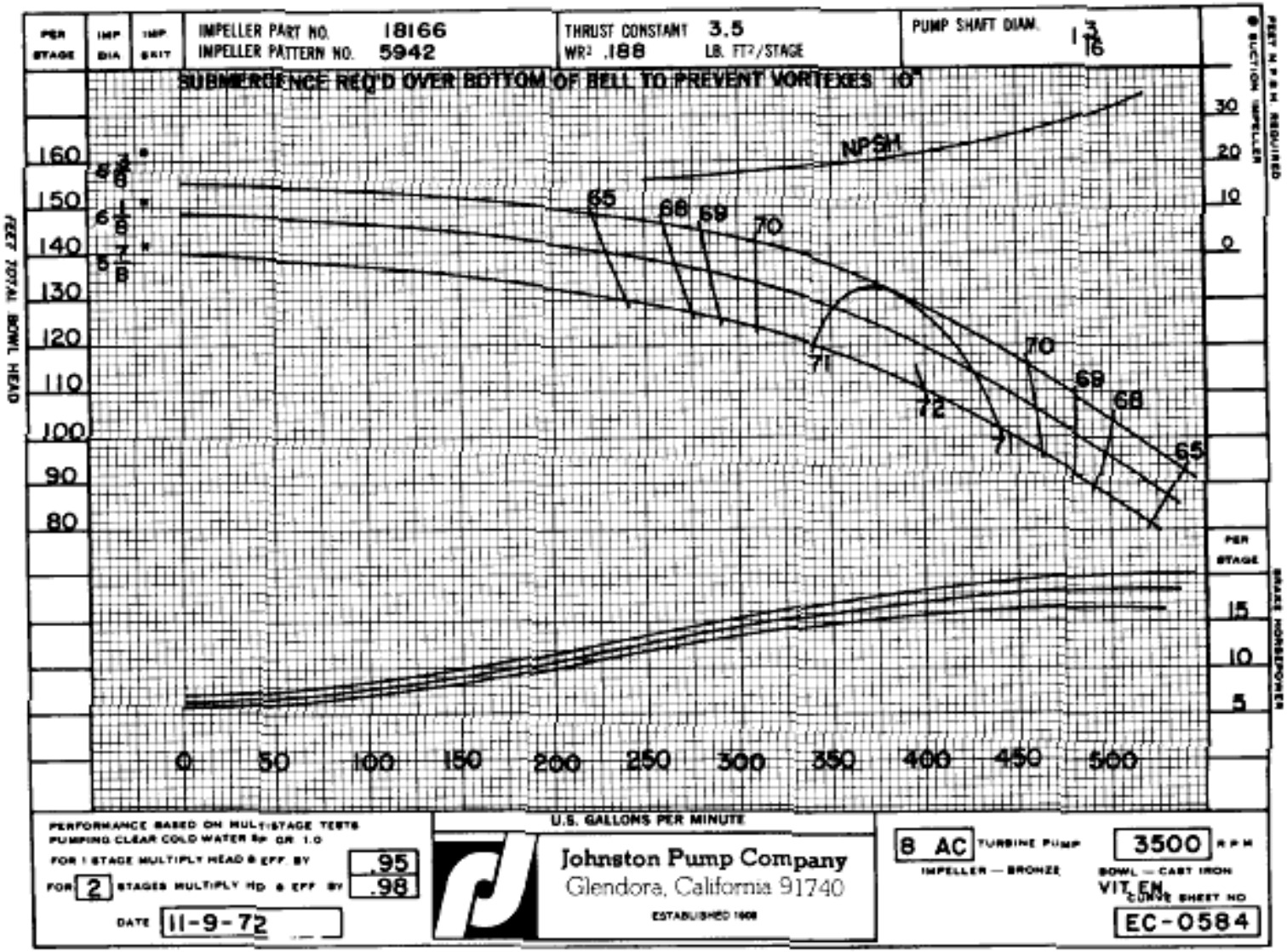
PER STAGE
IMP DIA
IMP EXIT
IMPELLER PART NO. 18166
IMPELLER PATTERN NO. 5942
THRUST CONSTANT 3.5
WR² .188 LB. FT²/STAGE
PUMP SHAFT DIAM. 1 3/16
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 10"
FEET TOTAL BOWL HEAD
160
150
140
130
120
110
100
90
80
8 3/8"
6 1/8"
5 7/8"
NPSH
65
66
69
70
71
72
70
69
68
65
FEET N.P.S.H. REQUIRED @ SUCTION IMPELLER
30
20
10
0
PER STAGE
BRAKE HORSEPOWER
15
10
5
0
50
100
150
200
250
300
350
400
450
500
U.S. GALLONS PER MINUTE
PERFORMANCE BASED ON MULTI-STAGE TESTS
PUMPING CLEAR COLD WATER Sp. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY .95
FOR 2 STAGES MULTIPLY HD & EFF. BY .98
DATE 11-9-72
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1908
8 AC TURBINE PUMP
IMPELLER — BRONZE
3500 R.P.M.
BOWL — CAST IRON
VIT. EN.
CURVE SHEET NO.
EC-0584

IP-1037