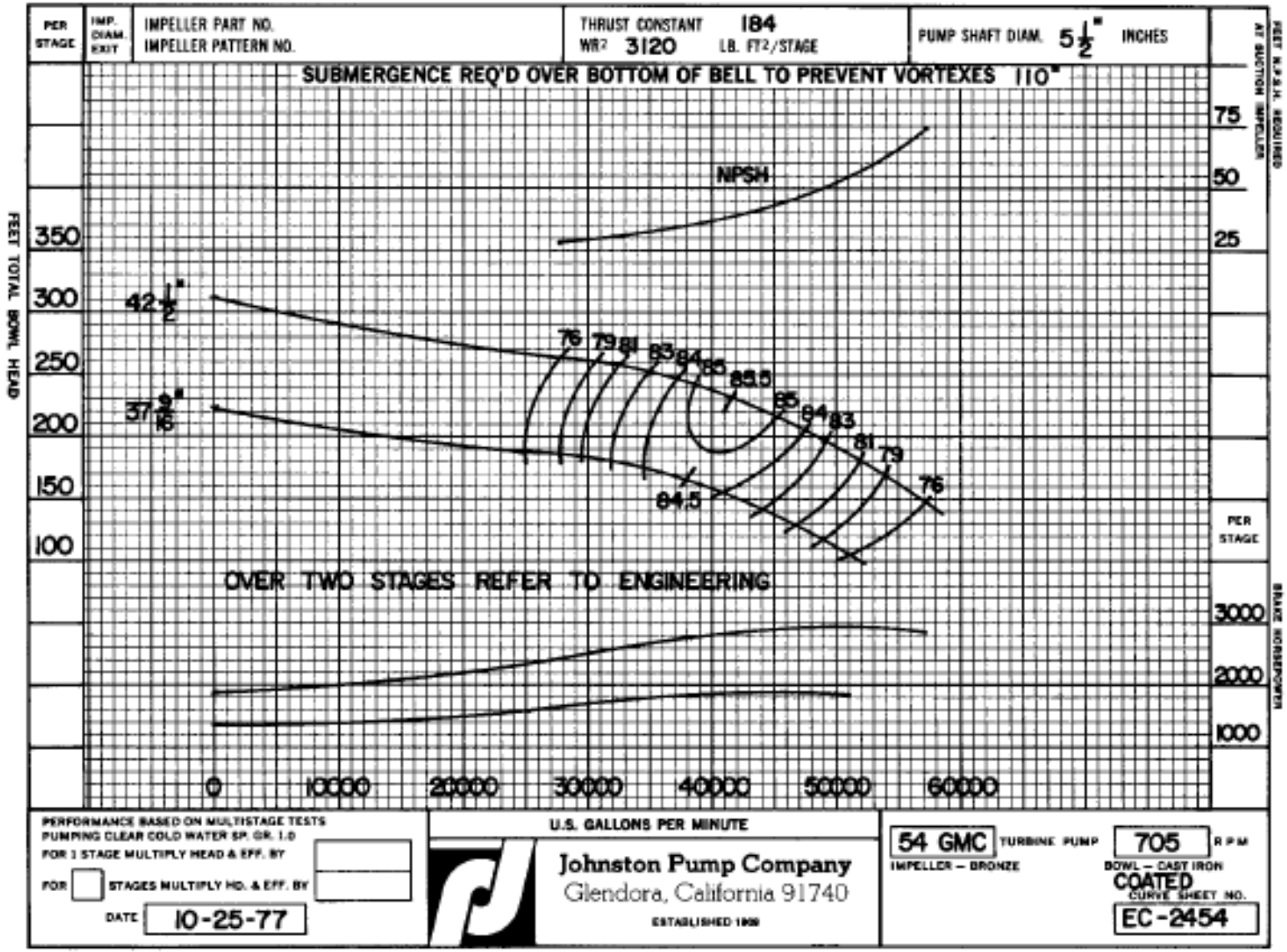
PER STAGE
IMP. DIAM. EXIT
IMPELLER PART NO.
IMPELLER PATTERN NO.
THRUST CONSTANT 184
WR² 3120 LB. FT²/STAGE
PUMP SHAFT DIAM. 5 1/2" INCHES
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 110"
FEET TOTAL BOWL HEAD
350
300
250
200
150
100
42 1/2"
37 9/16"
NPSH
76
79
81
83
84
85
85.5
85
84
83
81
79
76
84.5
OVER TWO STAGES REFER TO ENGINEERING
0
10000
20000
30000
40000
50000
60000
FEET N.P.S.H. REQUIRED AT SUCTION IMPELLER
75
50
25
PER STAGE
BRAKE HORSEPOWER
3000
2000
1000
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY
FOR STAGES MULTIPLY HD. & EFF. BY
DATE 10-25-77
U.S. GALLONS PER MINUTE
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
54 GMC TURBINE PUMP
IMPELLER – BRONZE
705 RPM
BOWL – CAST IRON
COATED
CURVE SHEET NO.
EC-2454

JP-341A