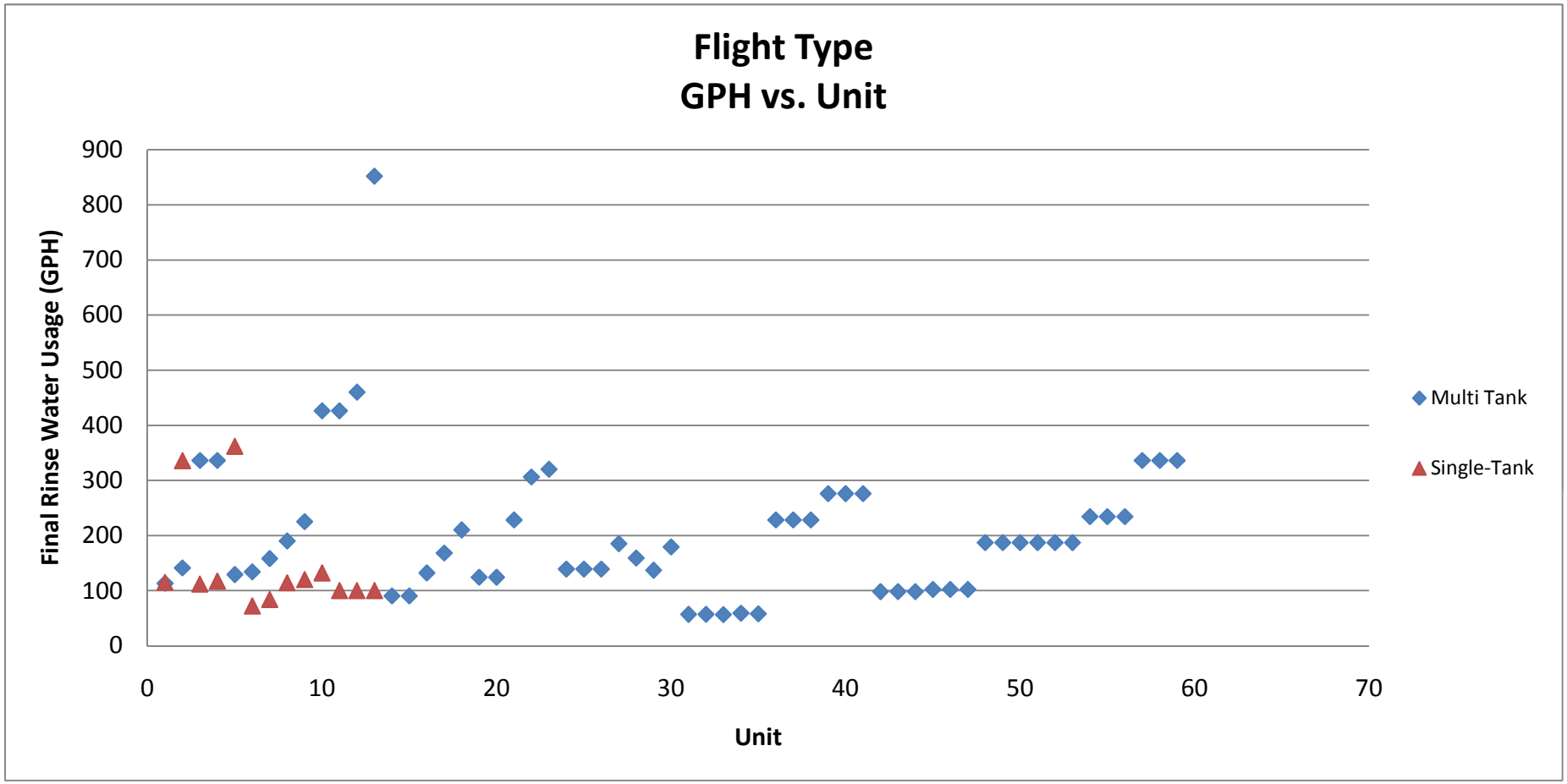
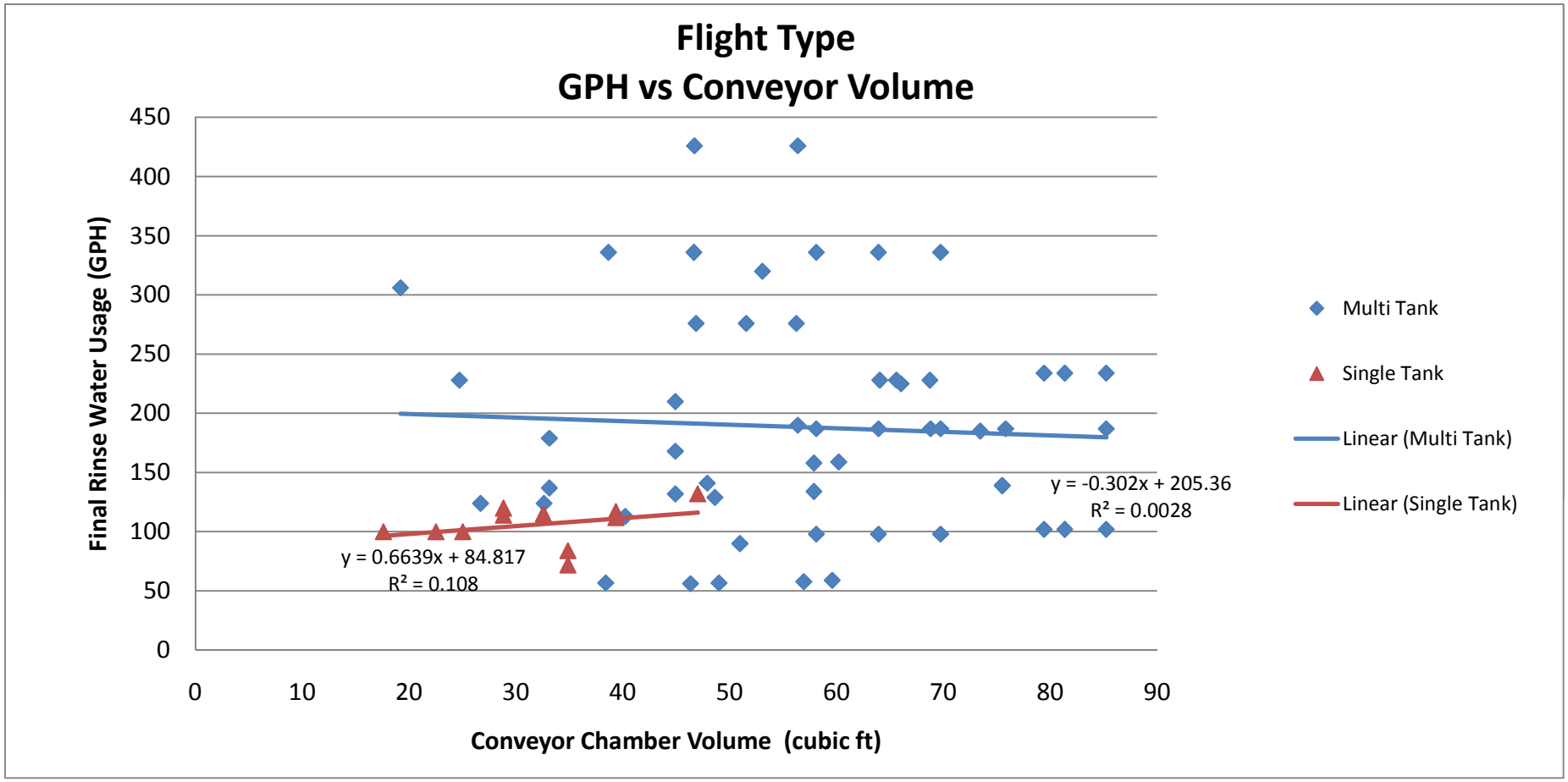
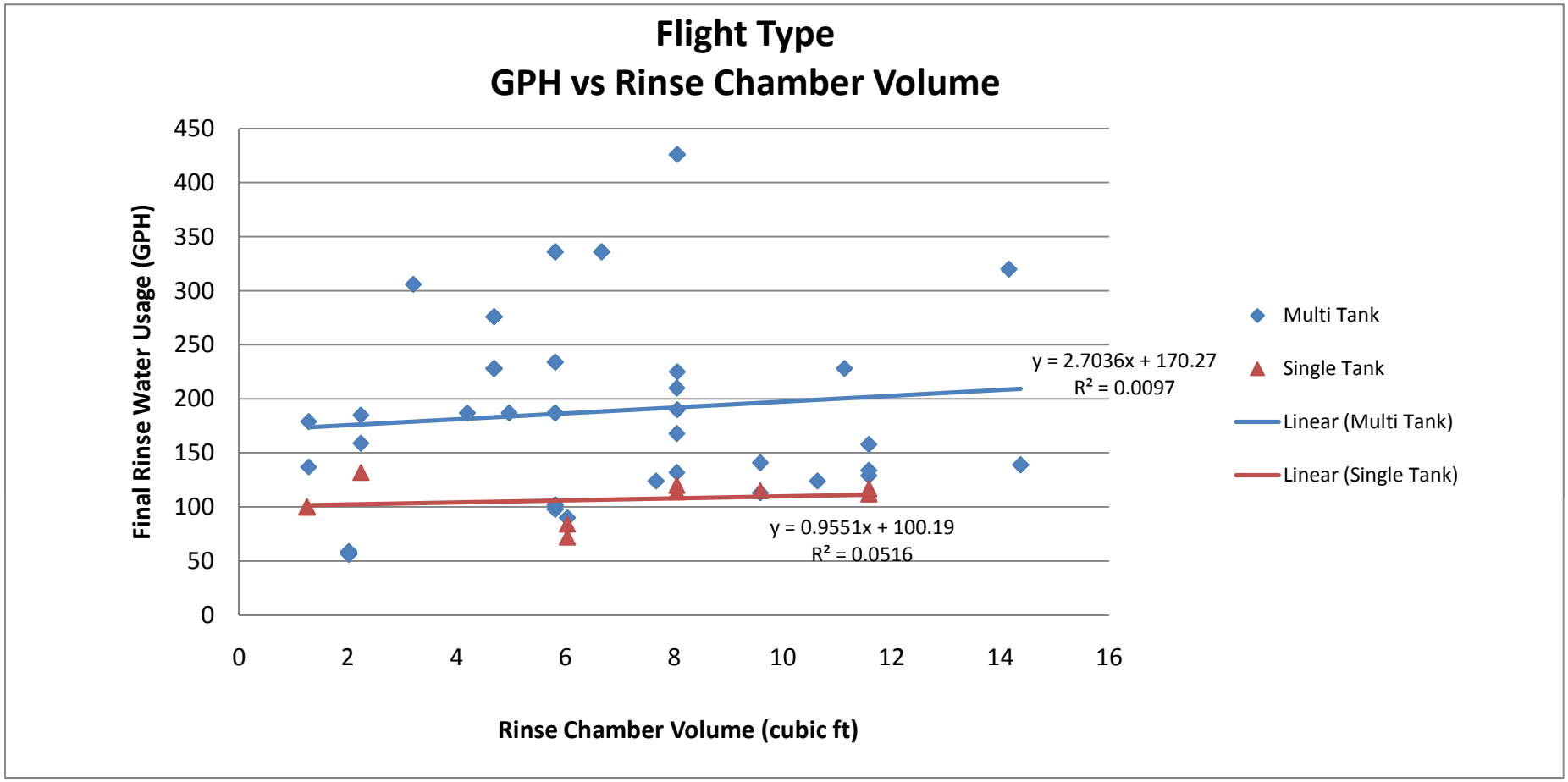
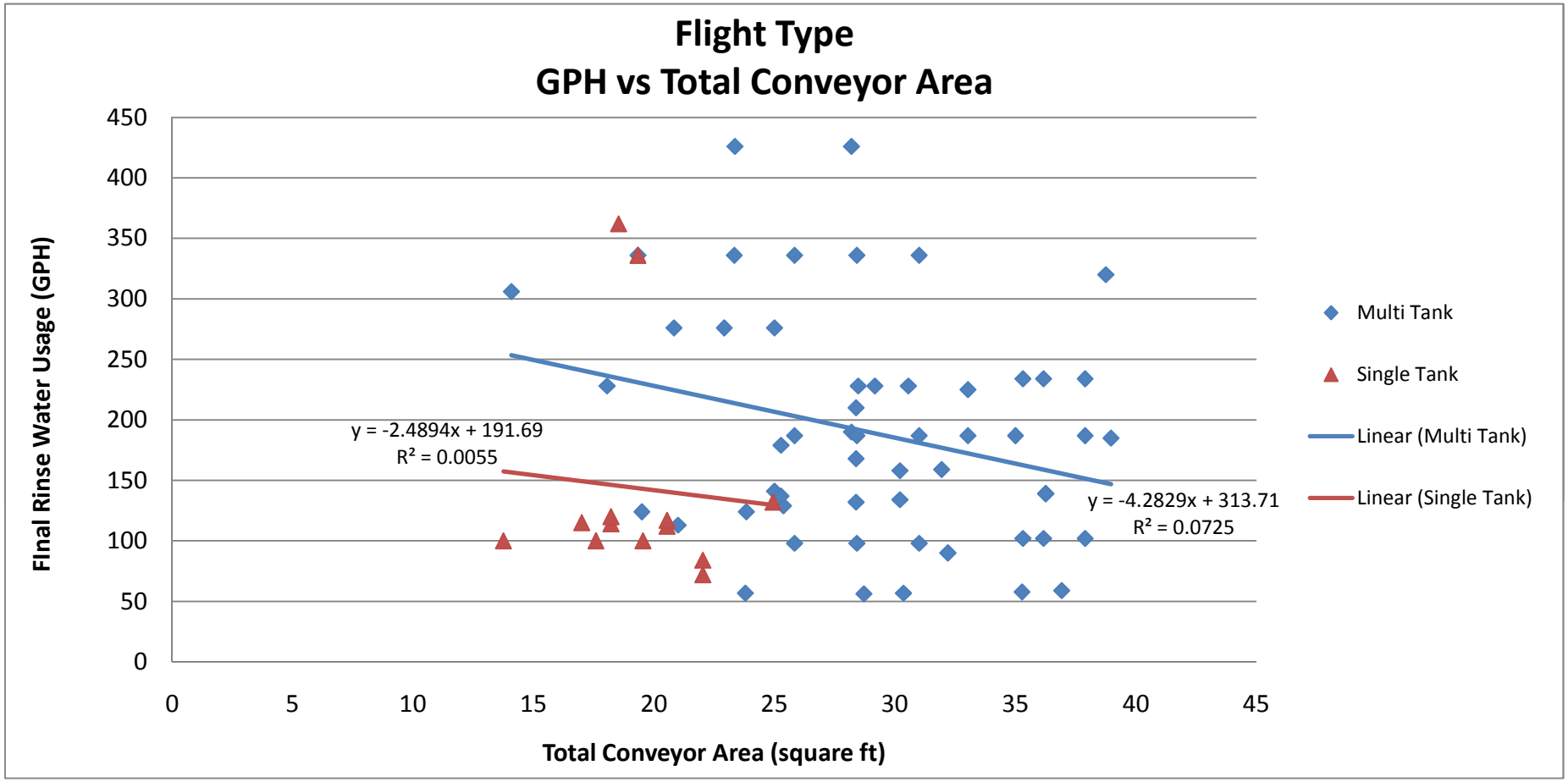
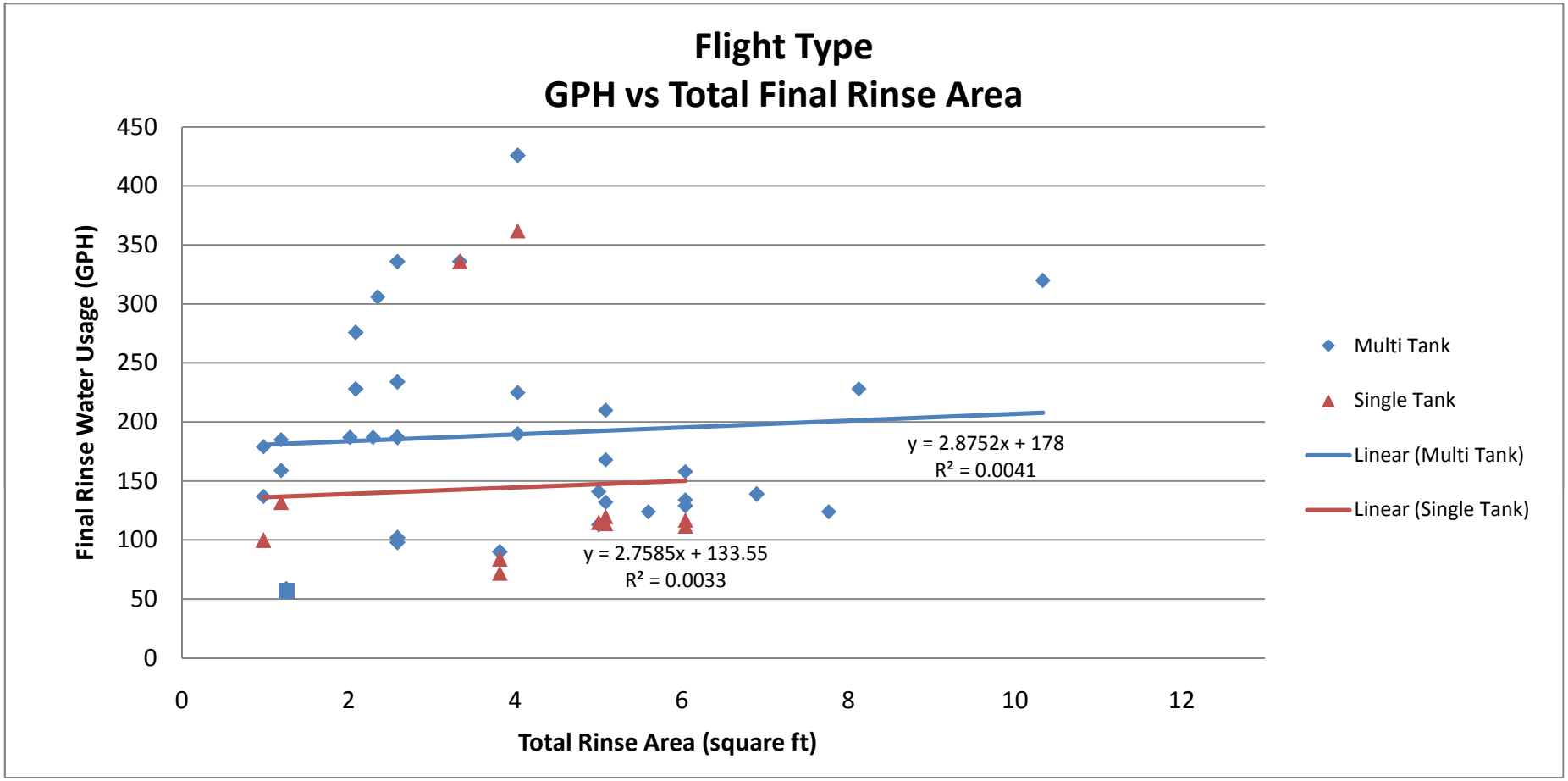
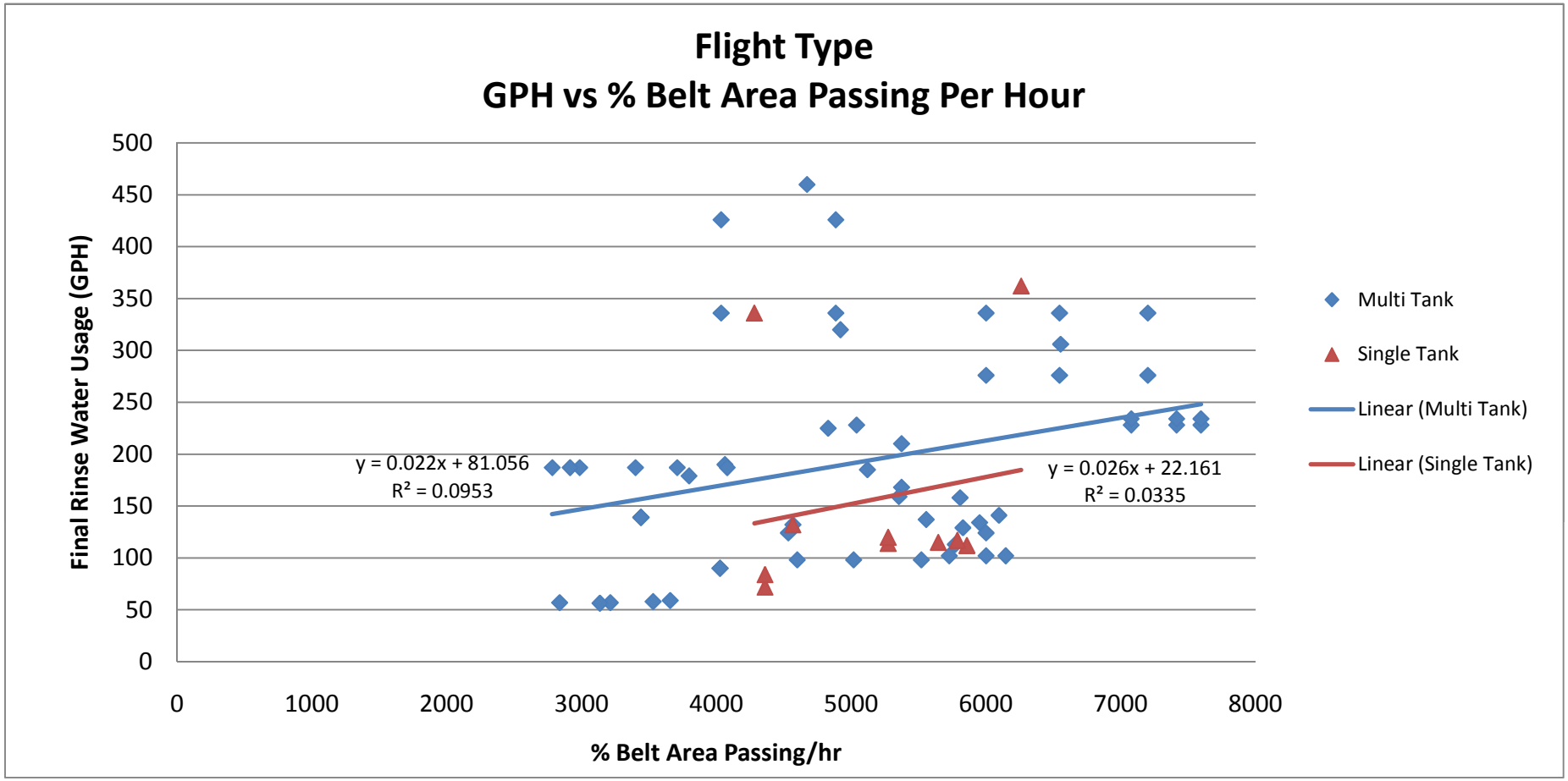

Flight Type
GPH vs. Unit
Final Rinse Water Usage (GPH)
900
800
700
600
500
400
300
200
100
0
0
10
20
30
40
50
60
70
Unit
Multi Tank
Single-Tank

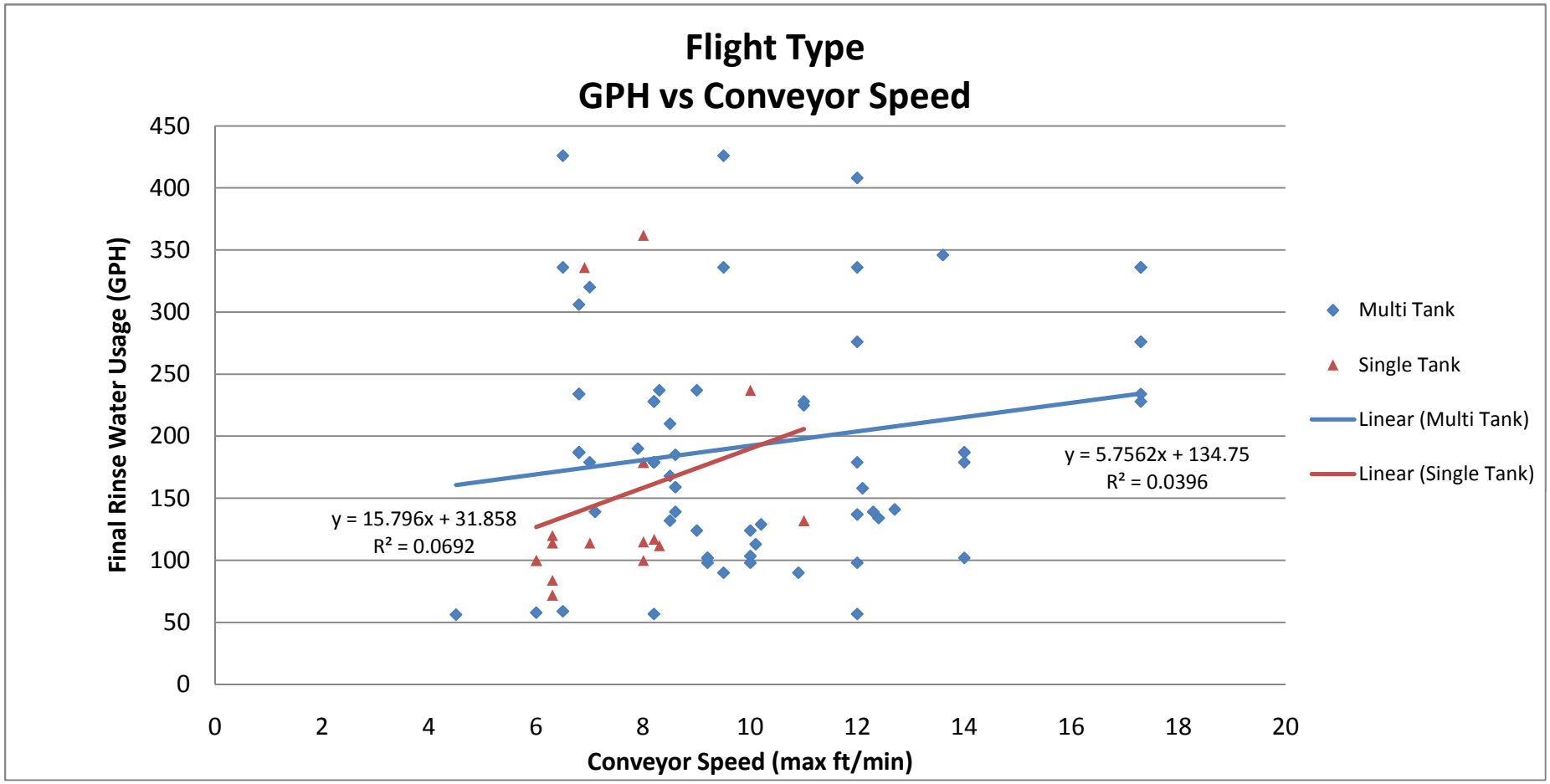

Flight Type
GPH vs Conveyor Volume
Final Rinse Water Usage (GPH)
450
400
350
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
Conveyor Chamber Volume (cubic ft)
y = 0.6639x + 84.817
R² = 0.108
y = -0.302x + 205.36
R² = 0.0028
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)


Flight Type
GPH vs Rinse Chamber Volume
Final Rinse Water Usage (GPH)
450
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
Rinse Chamber Volume (cubic ft)
y = 2.7036x + 170.27
R² = 0.0097
y = 0.9551x + 100.19
R² = 0.0516
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)


Flight Type
GPH vs Total Conveyor Area
Final Rinse Water Usage (GPH)
450
400
350
300
250
200
150
100
50
0
0
5
10
15
20
25
30
35
40
45
Total Conveyor Area (square ft)
y = -2.4894x + 191.69
R² = 0.0055
y = -4.2829x + 313.71
R² = 0.0725
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)


Flight Type
GPH vs Total Final Rinse Area
Final Rinse Water Usage (GPH)
450
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
Total Rinse Area (square ft)
y = 2.8752x + 178
R² = 0.0041
y = 2.7585x + 133.55
R² = 0.0033
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)


Flight Type
GPH vs % Belt Area Passing Per Hour
Final Rinse Water Usage (GPH)
500
450
400
350
300
250
200
150
100
50
0
0
1000
2000
3000
4000
5000
6000
7000
8000
% Belt Area Passing/hr
y = 0.022x + 81.056
R² = 0.0953
y = 0.026x + 22.161
R² = 0.0335
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)


Flight Type
GPH vs Conveyor Speed
Final Rinse Water Usage (GPH)
450
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
18
20
Conveyor Speed (max ft/min)
y = 15.796x + 31.858
R² = 0.0692
y = 5.7562x + 134.75
R² = 0.0396
Multi Tank
Single Tank
Linear (Multi Tank)
Linear (Single Tank)