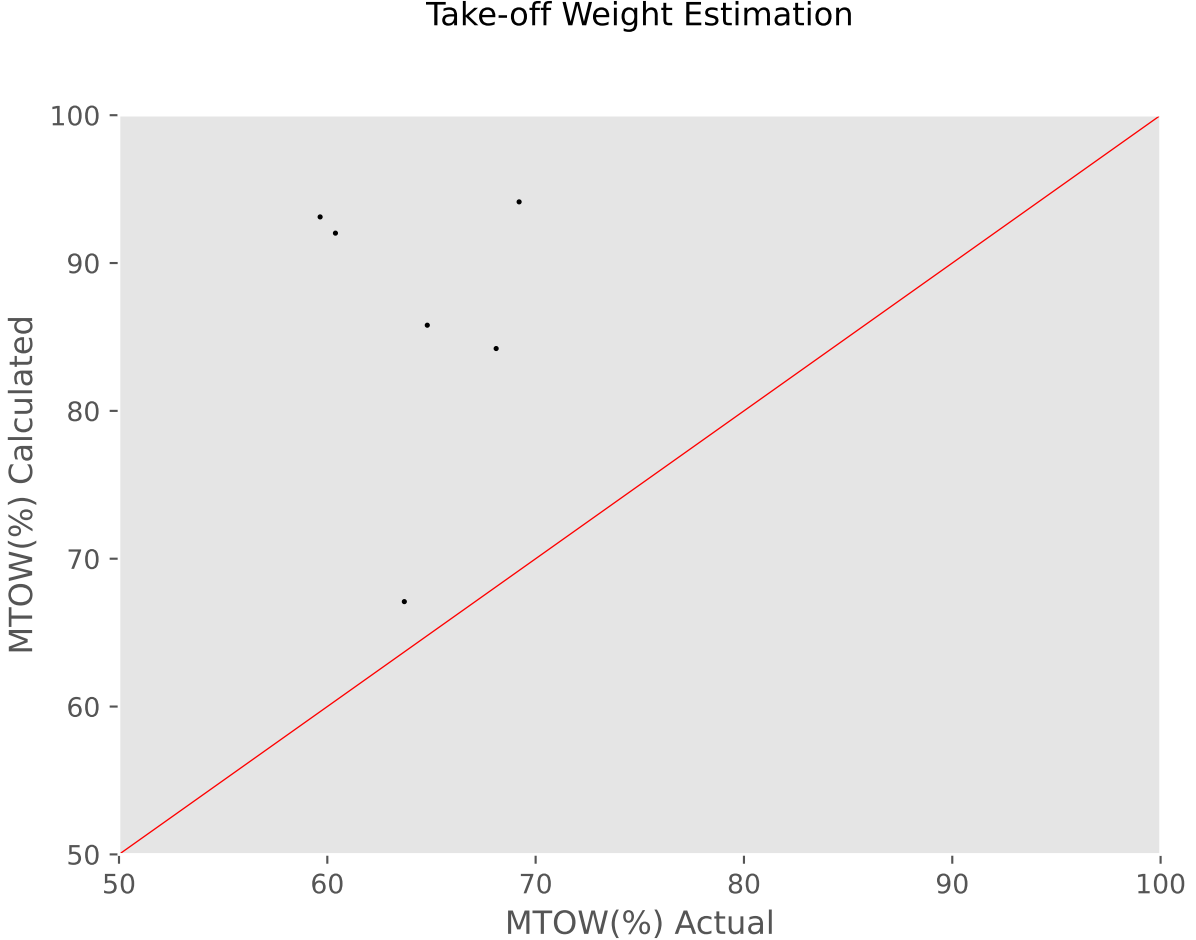
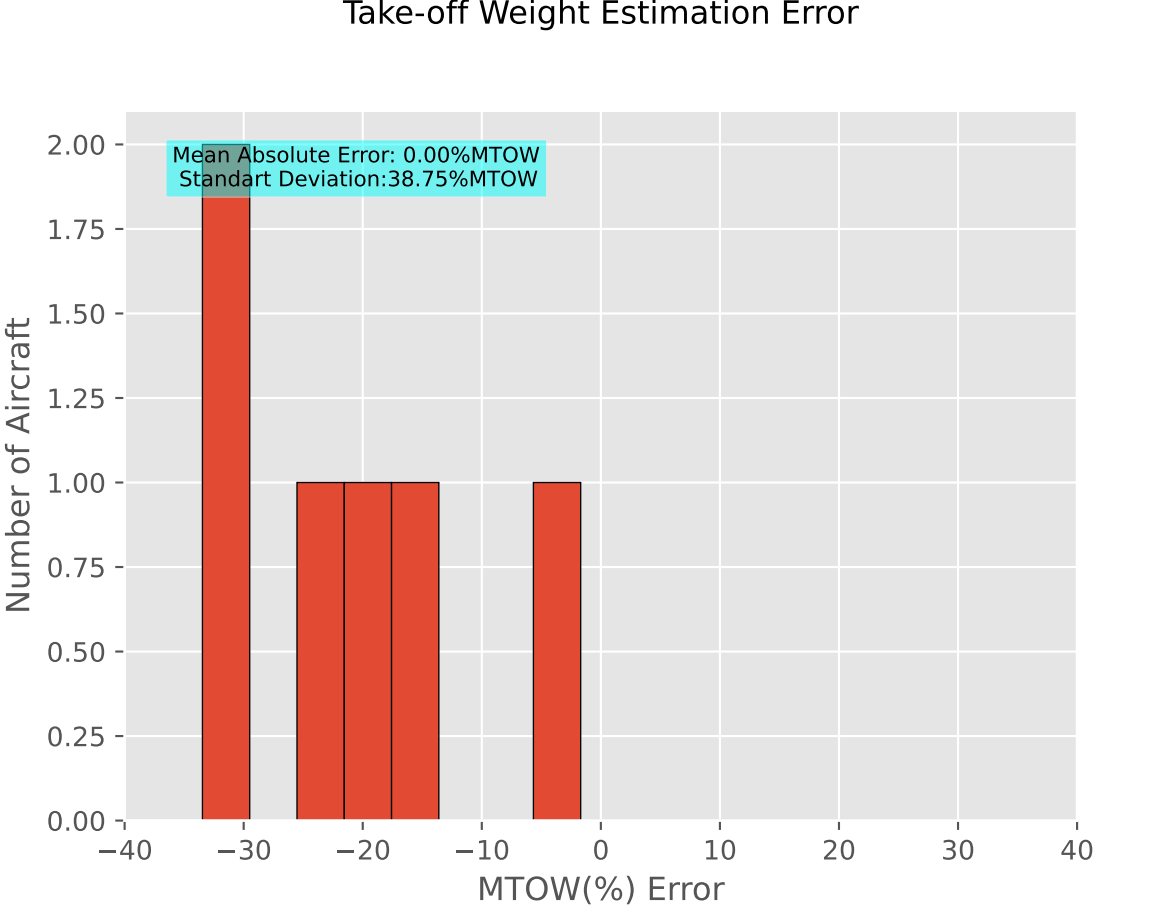
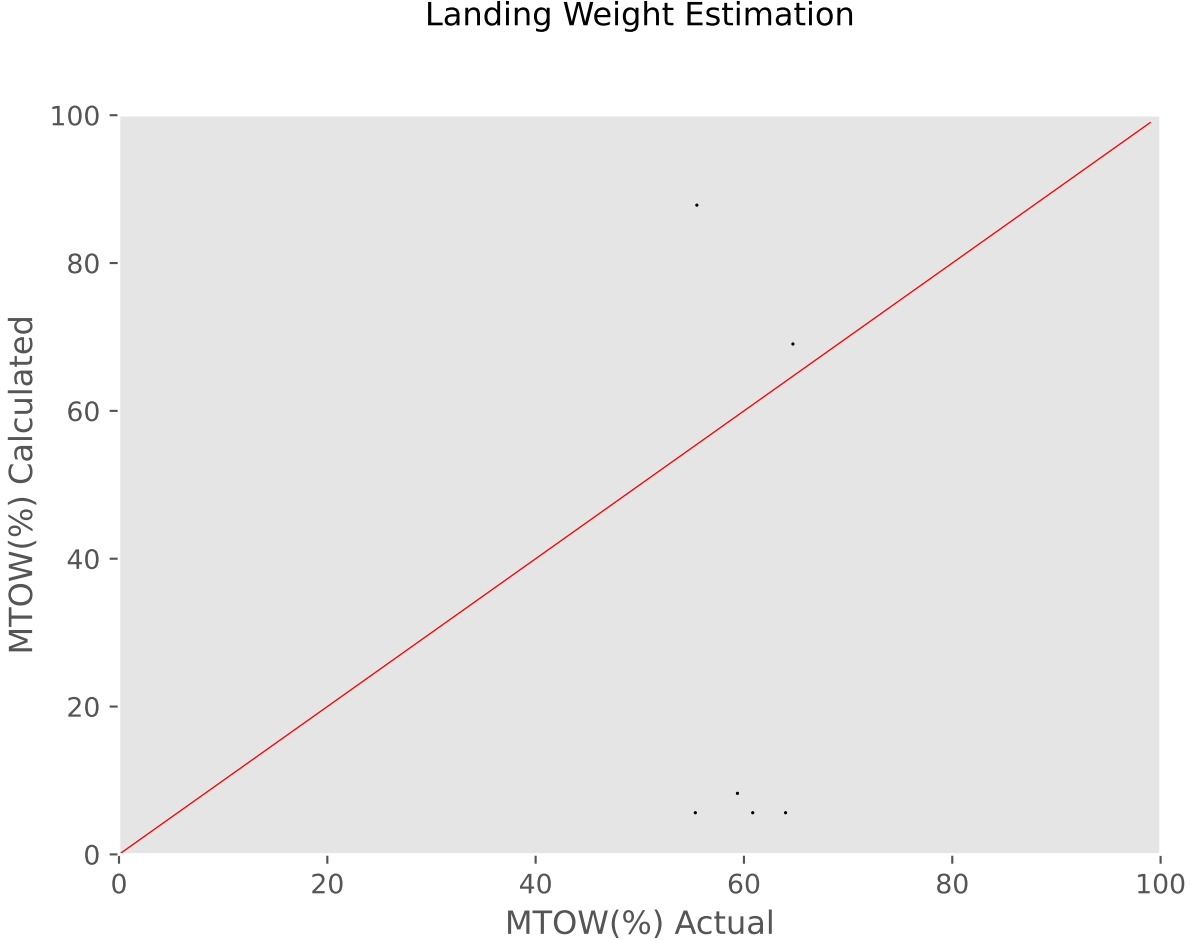
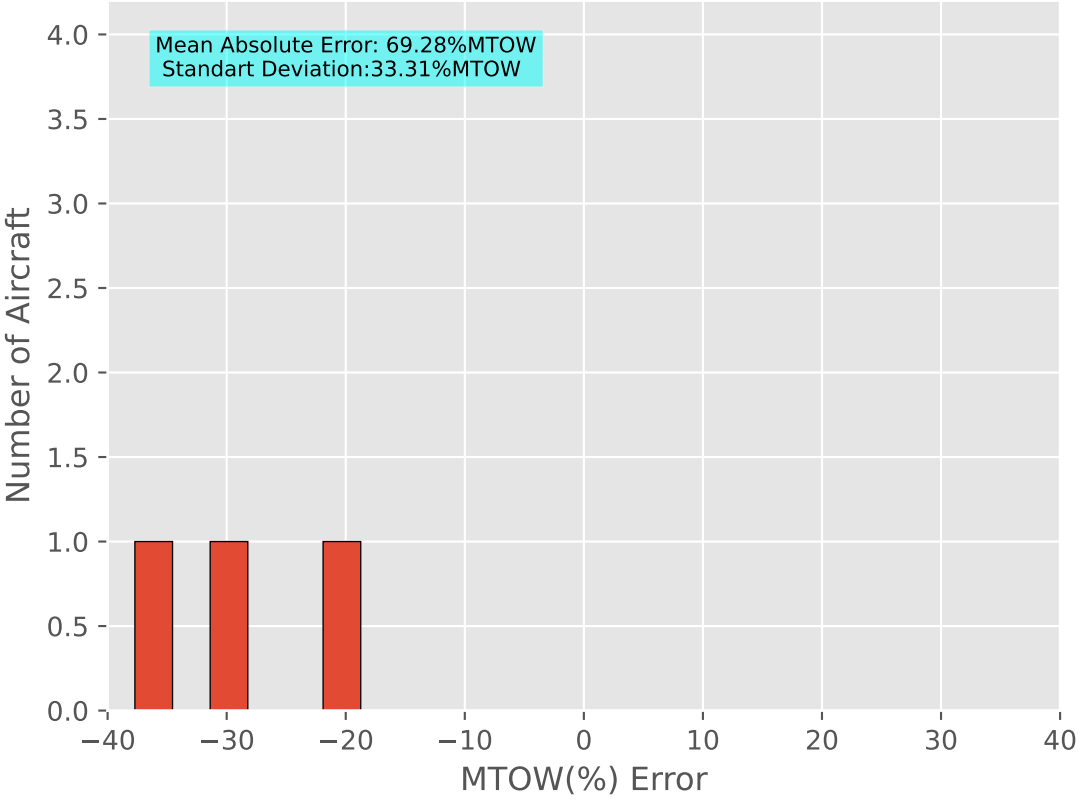
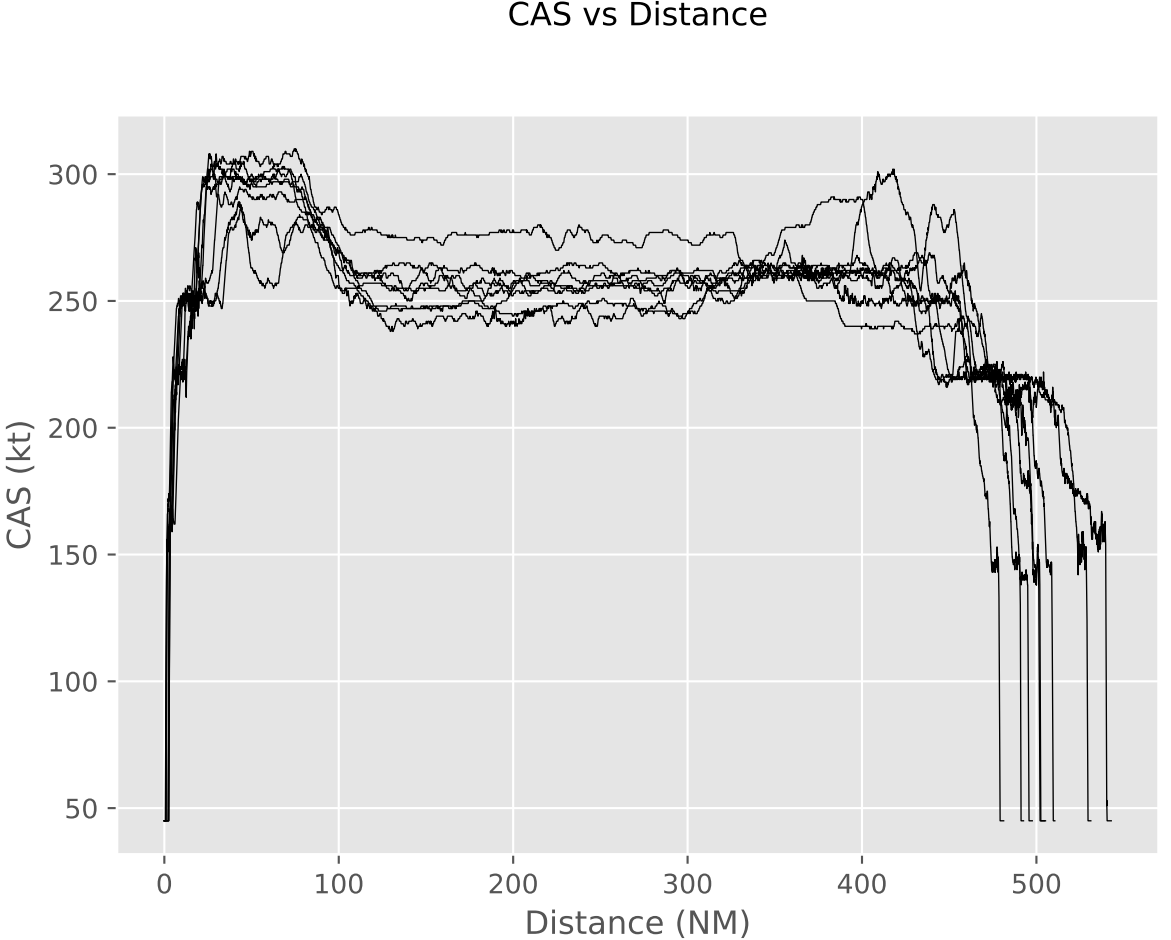
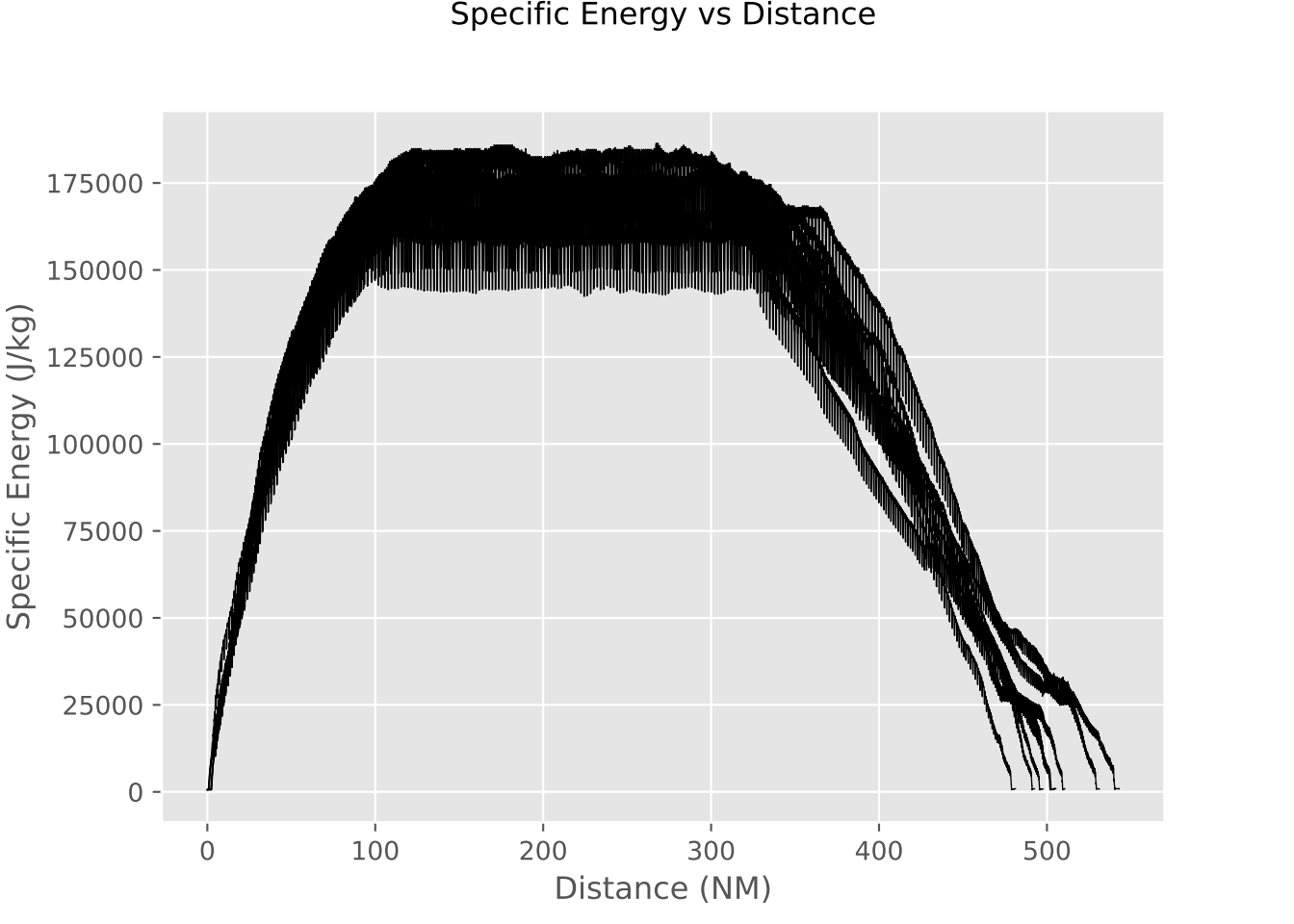

Take-off Weight Estimation
MTOW(%) Calculated
MTOW(%) Actual
100
90
80
70
60
50
50
60
70
80
90
100

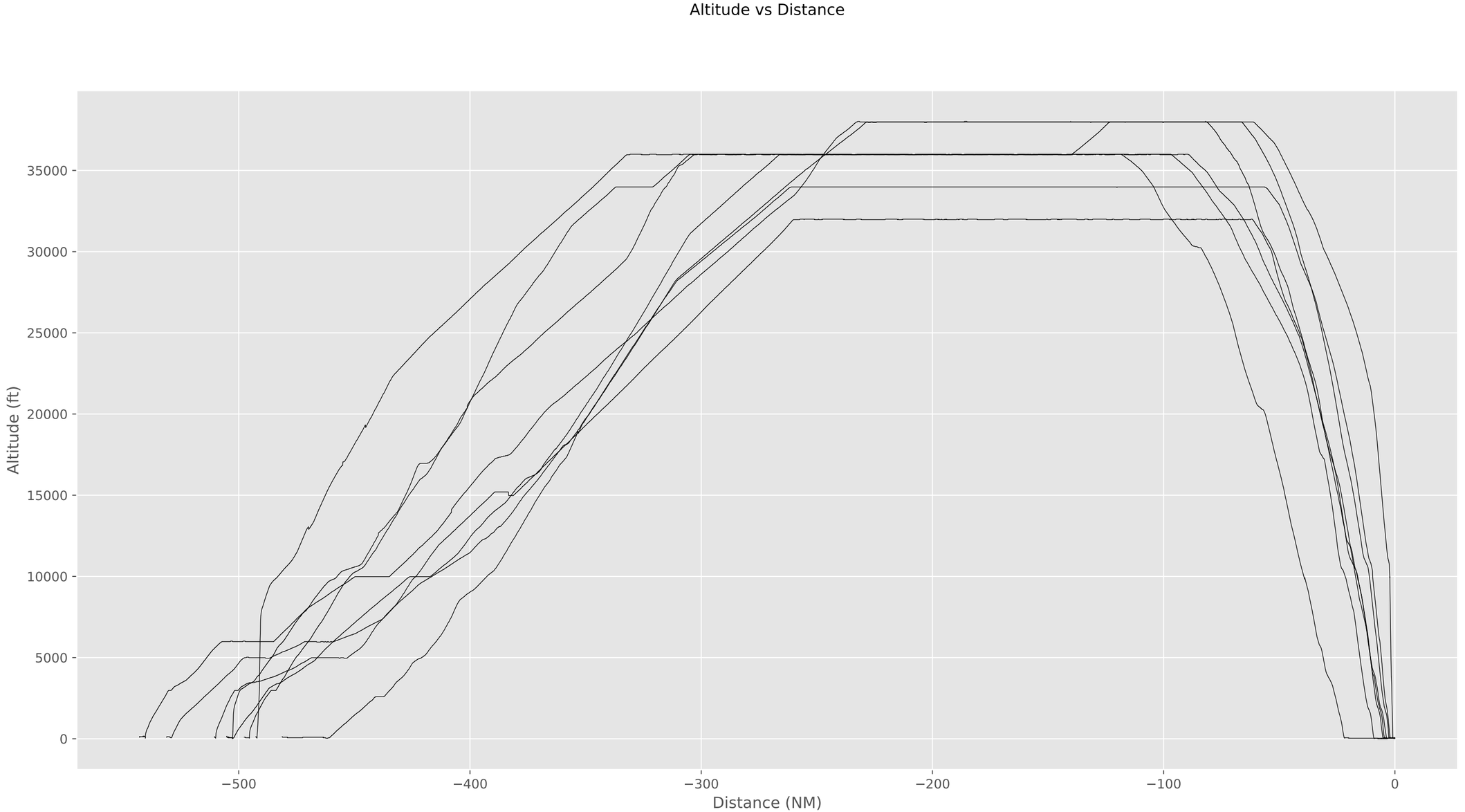

Take-off Weight Estimation Error
Mean Absolute Error: 0.00%MTOW
Standart Deviation:38.75%MTOW
Number of Aircraft
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−40
−30
−20
−10
0
10
20
30
40
MTOW(%) Error

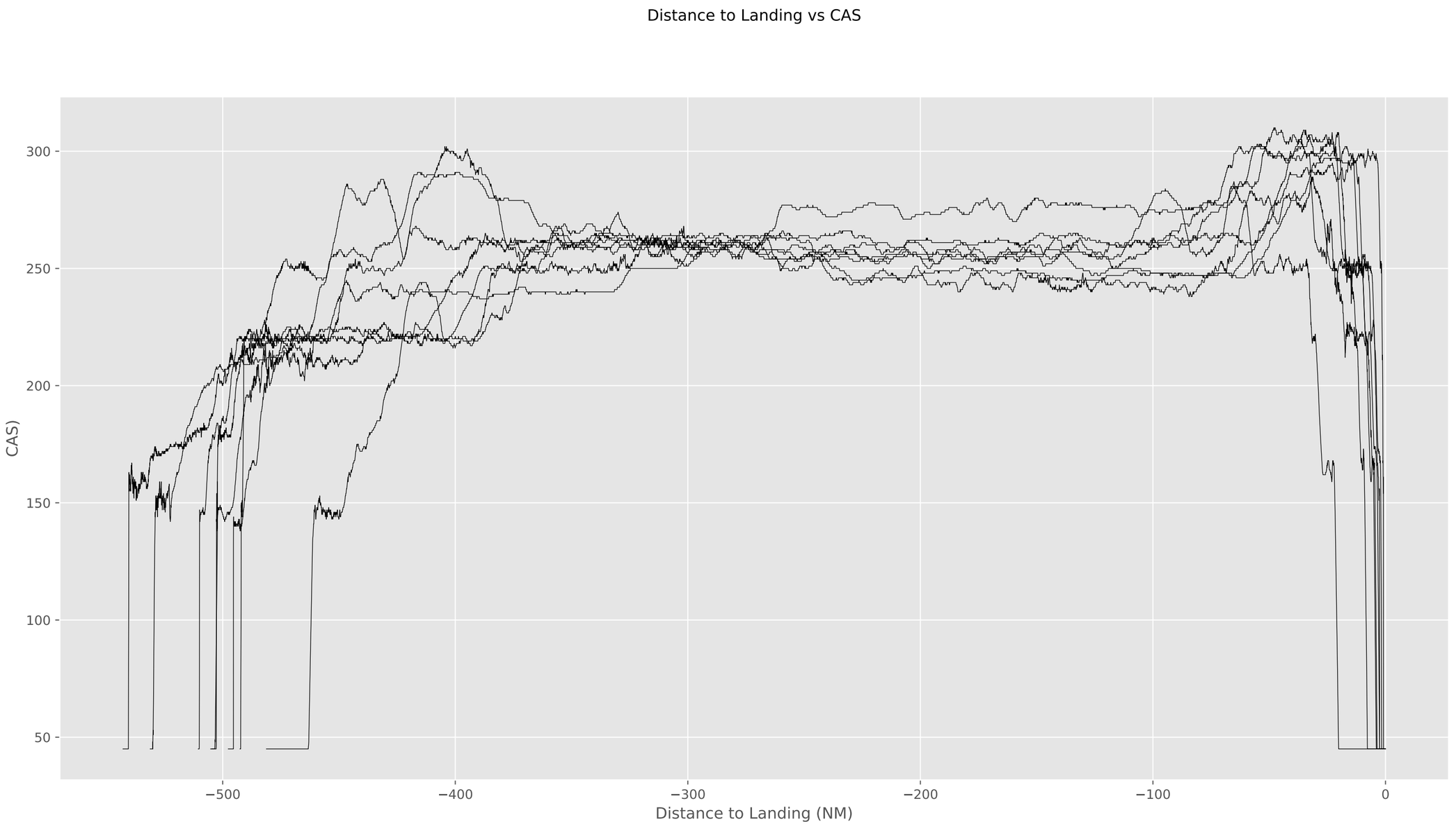

Landing Weight Estimation
MTOW(%) Calculated
MTOW(%) Actual
0
20
40
60
80
100

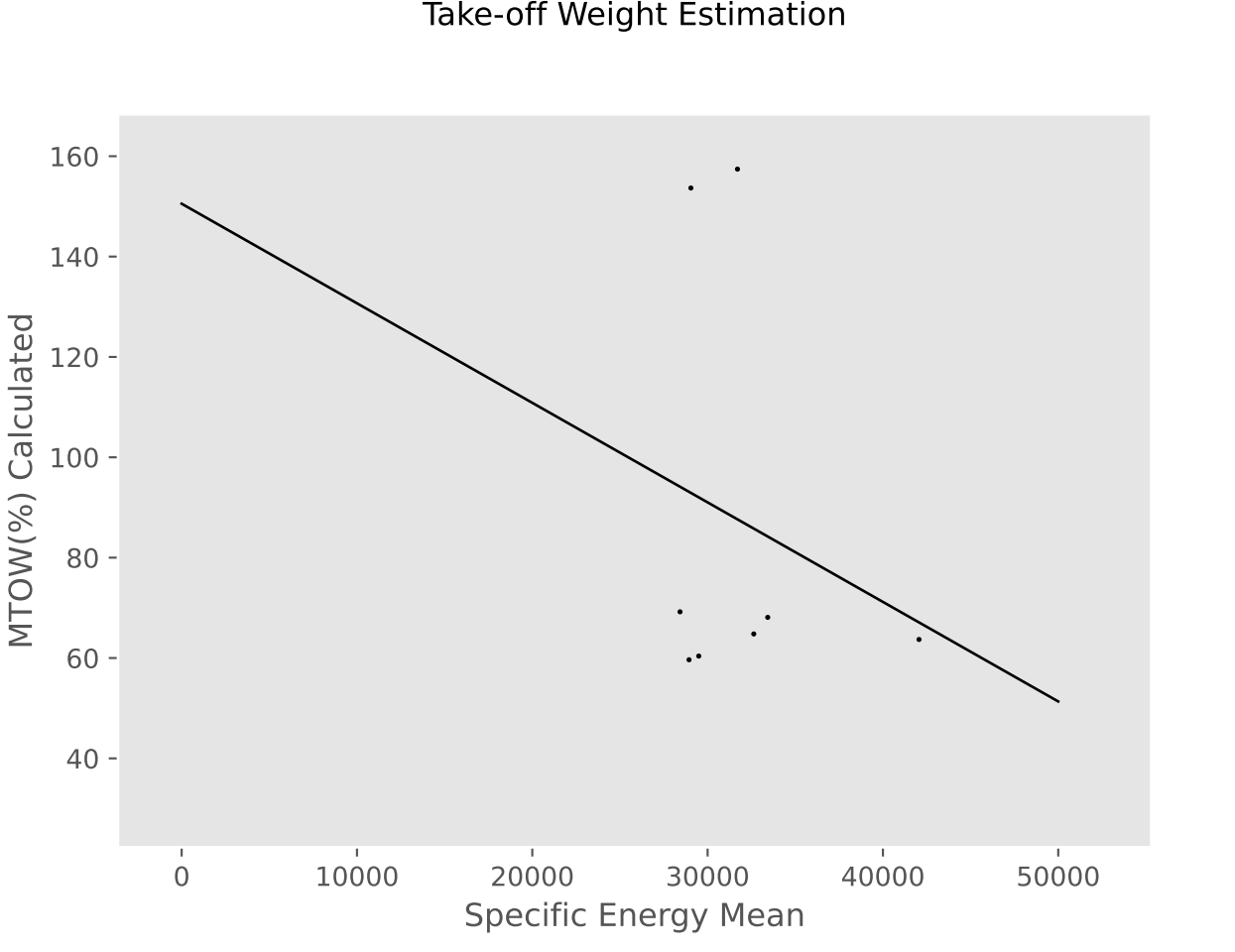

Mean Absolute Error: 69.28%MTOW
Standart Deviation:33.31%MTOW
Number of Aircraft
MTOW(%) Error
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
−40
−30
−20
−10
0
10
20
30
40


CAS vs Distance
CAS (kt)
300
250
200
150
100
50
0
100
200
300
400
500
Distance (NM)


Specific Energy vs Distance
Specific Energy (J/kg)
175000
150000
125000
100000
75000
50000
25000
0
0
100
200
300
400
500
Distance (NM)


Altitude vs Distance
Altitude (ft)
35000
30000
25000
20000
15000
10000
5000
0
−500
−400
−300
−200
−100
0
Distance (NM)


Distance to Landing vs CAS
CAS)
300
250
200
150
100
50
−500
−400
−300
−200
−100
0
Distance to Landing (NM)


Take-off Weight Estimation
MTOW(%) Calculated
160
140
120
100
80
60
40
0
10000
20000
30000
40000
50000
Specific Energy Mean