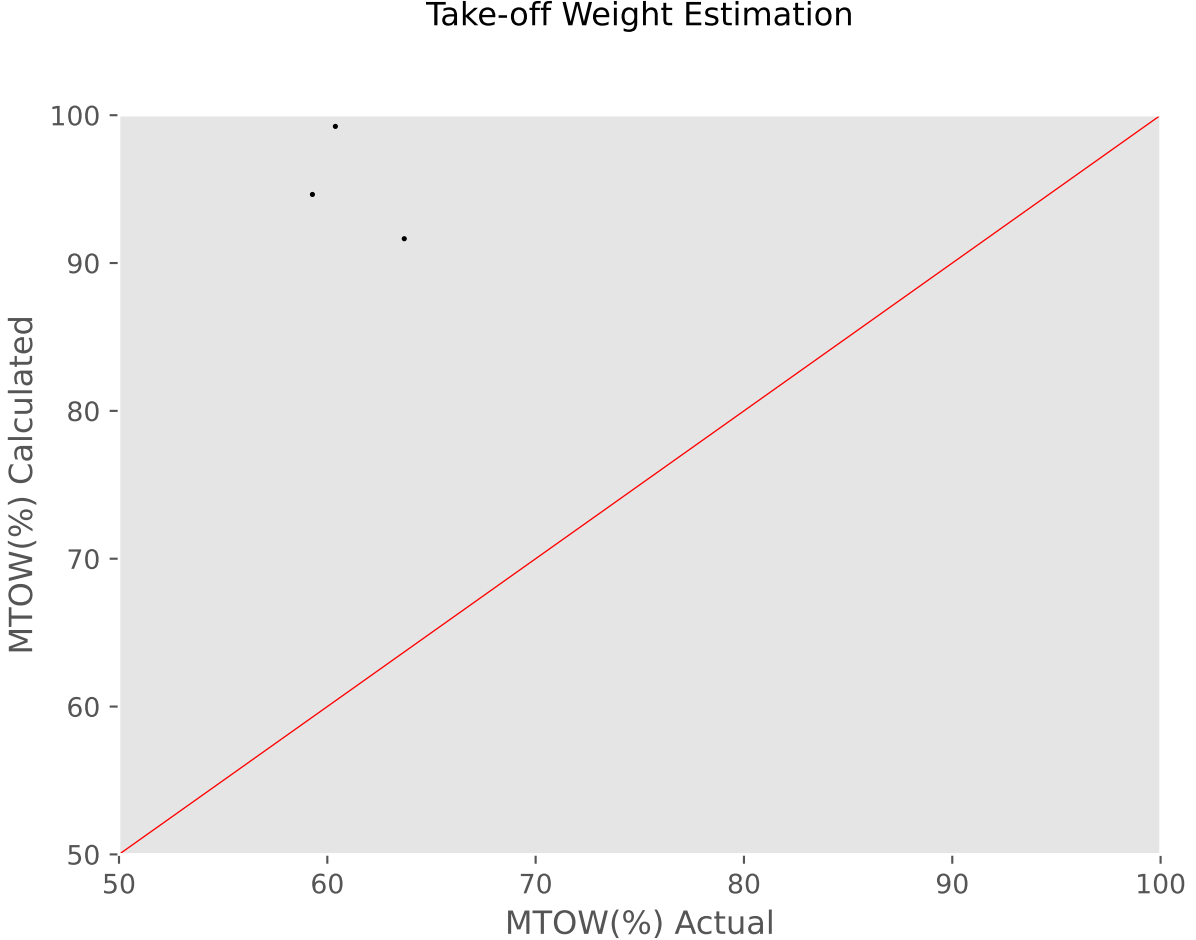
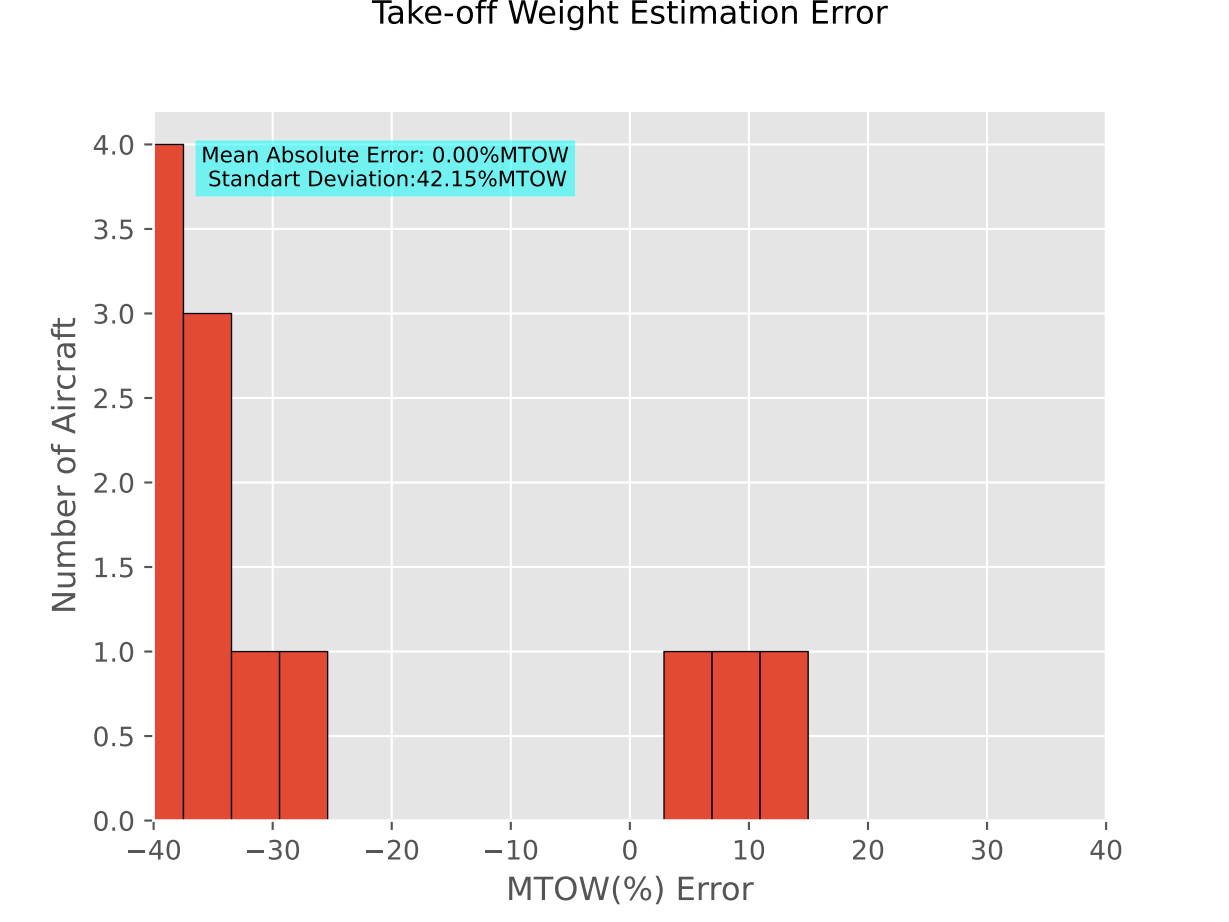
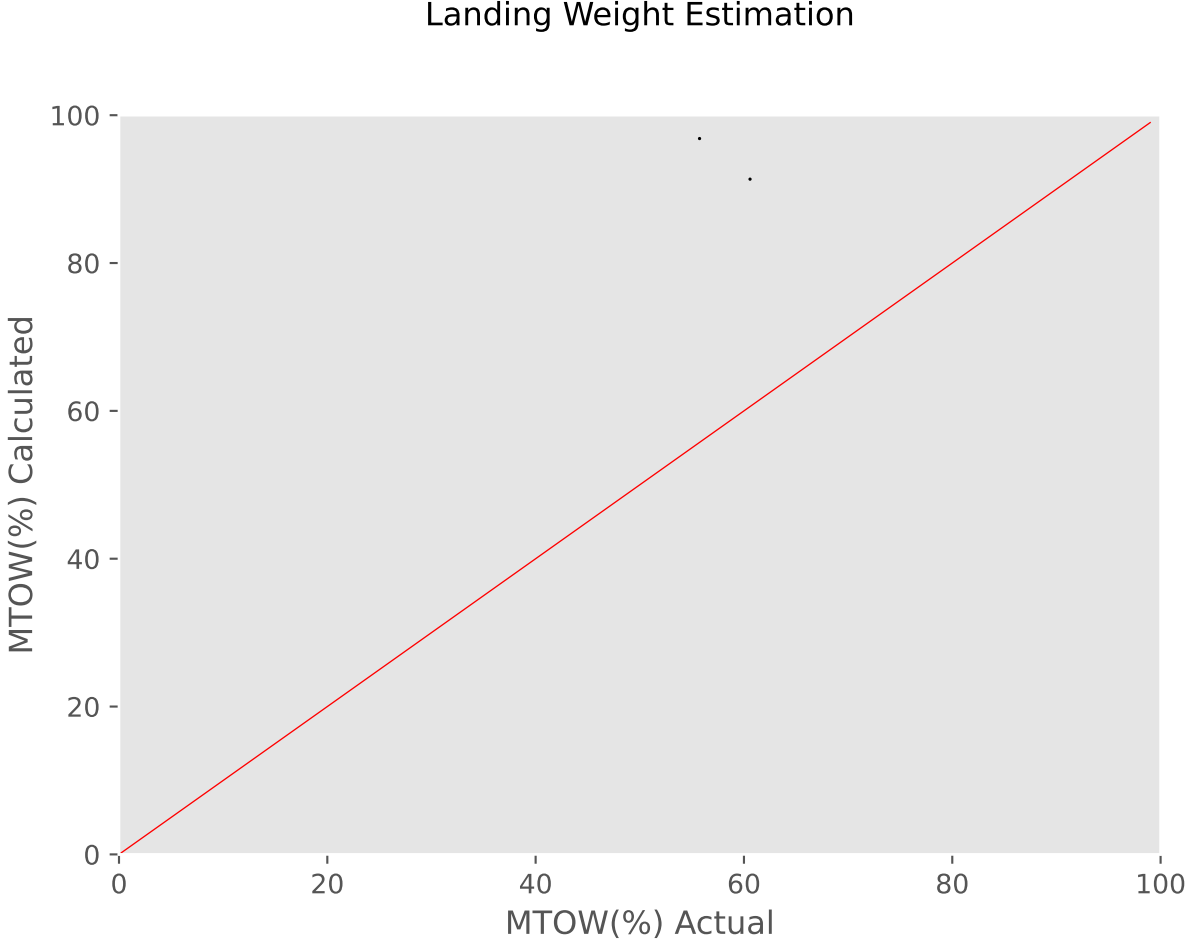
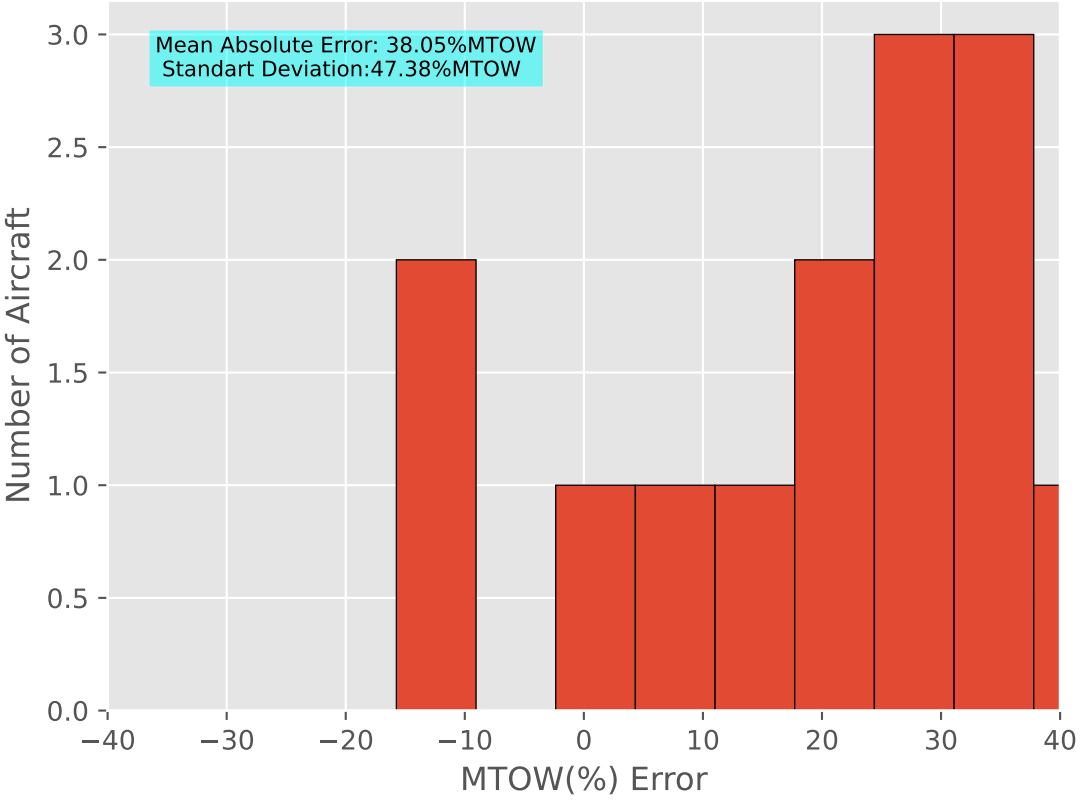
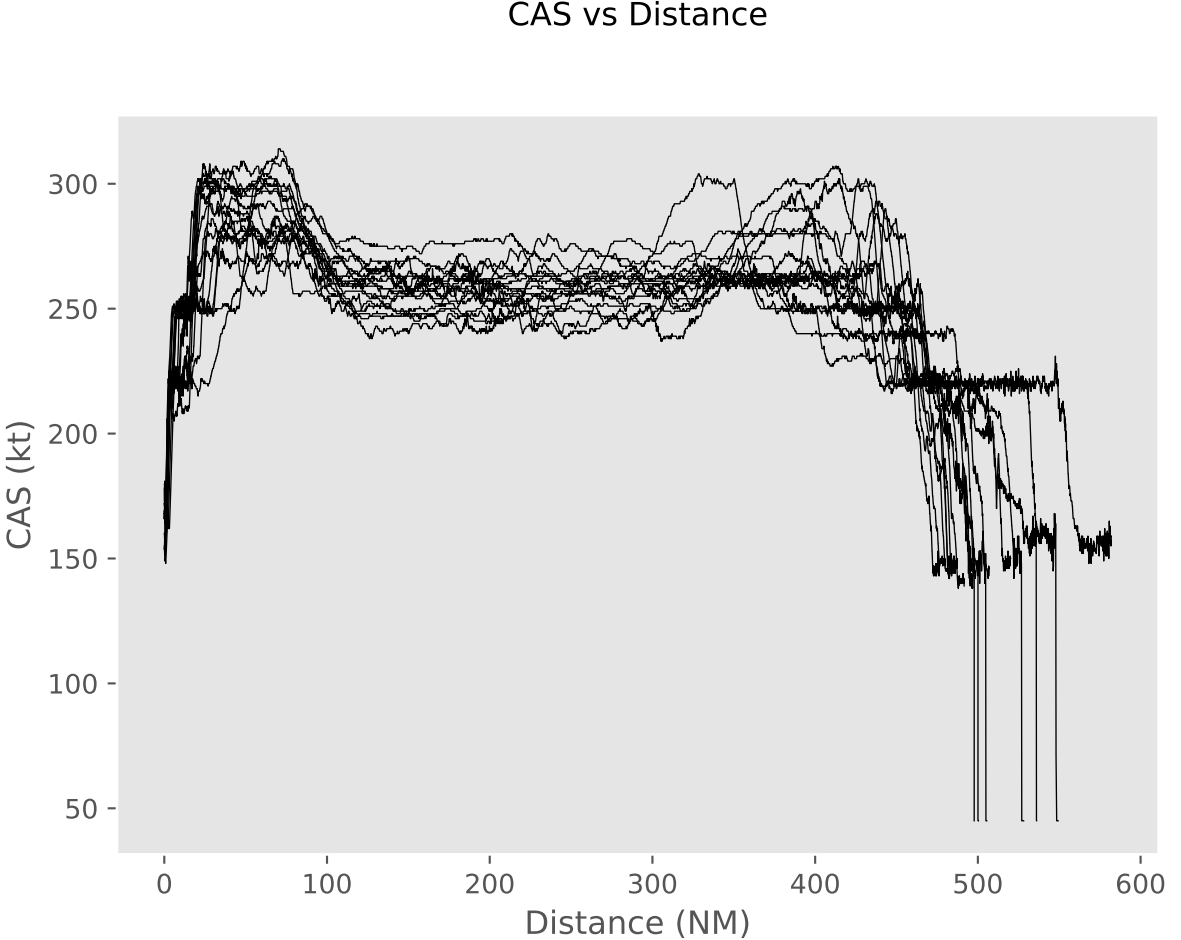
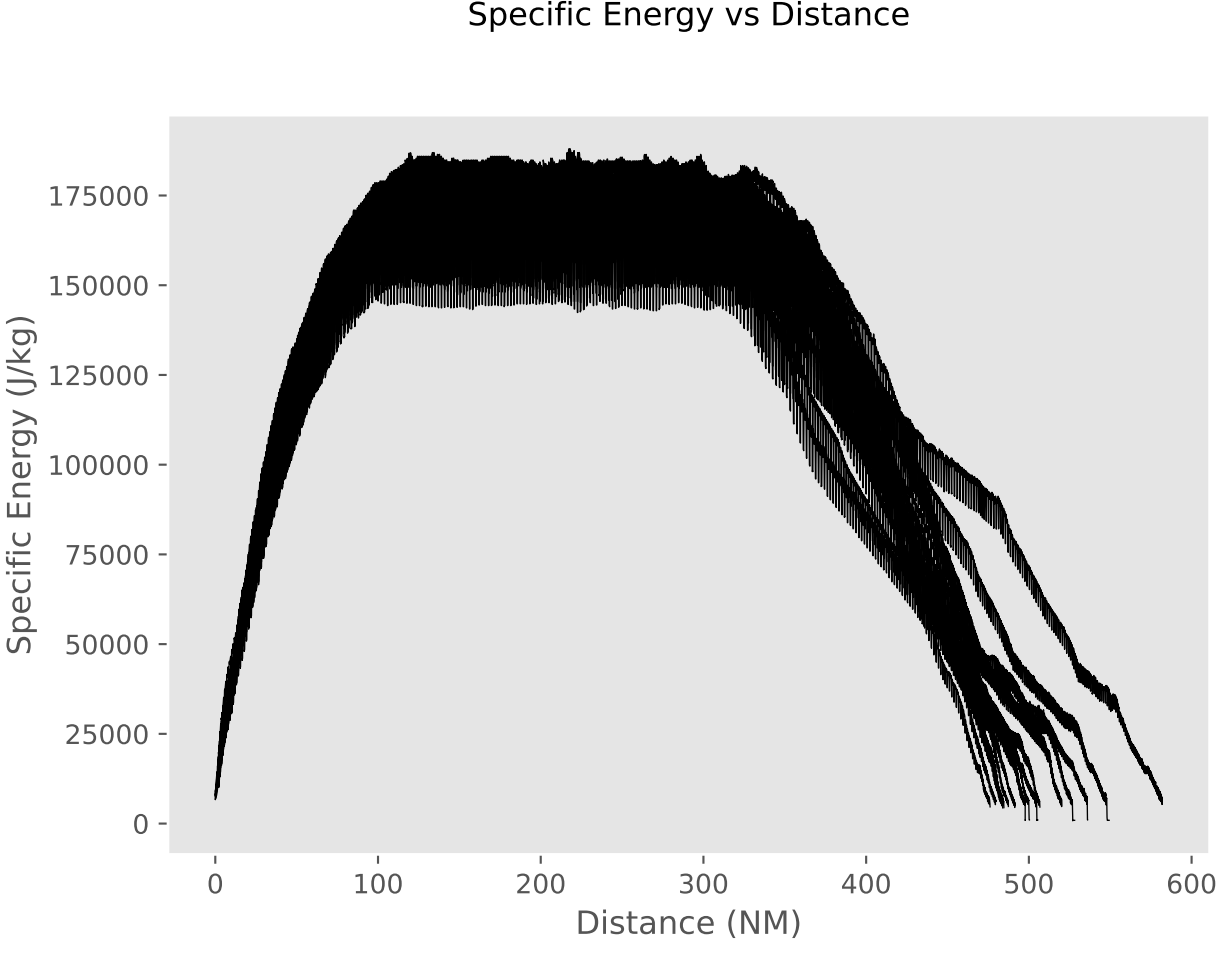

Take-off Weight Estimation
MTOW(%) Calculated
MTOW(%) Actual
100
90
80
70
60
50
50
60
70
80
90
100

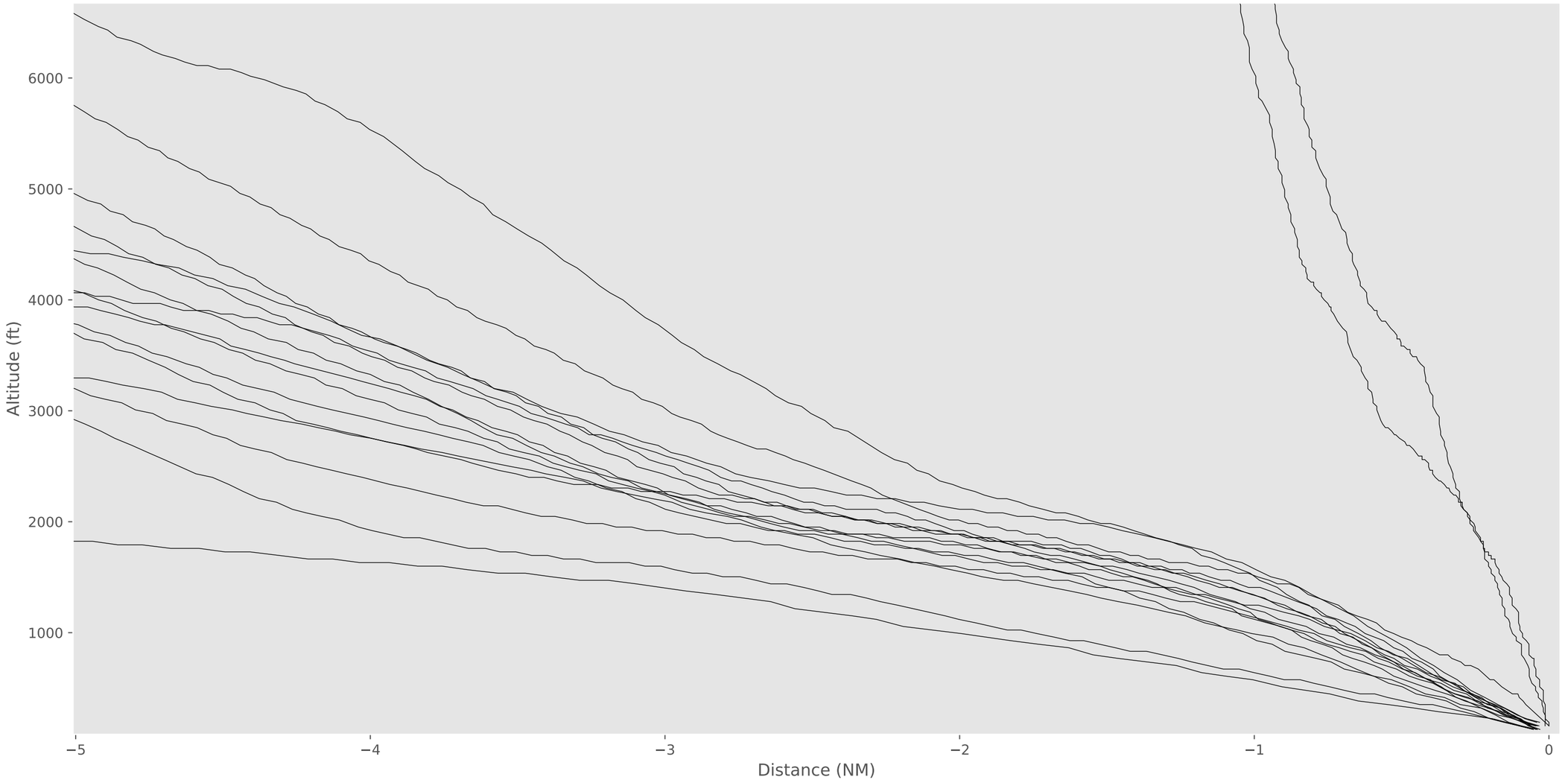

Take-off Weight Estimation Error
Mean Absolute Error: 0.00%MTOW
Standart Deviation:42.15%MTOW
Number of Aircraft
MTOW(%) Error
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
−40
−30
−20
−10
0
10
20
30
40

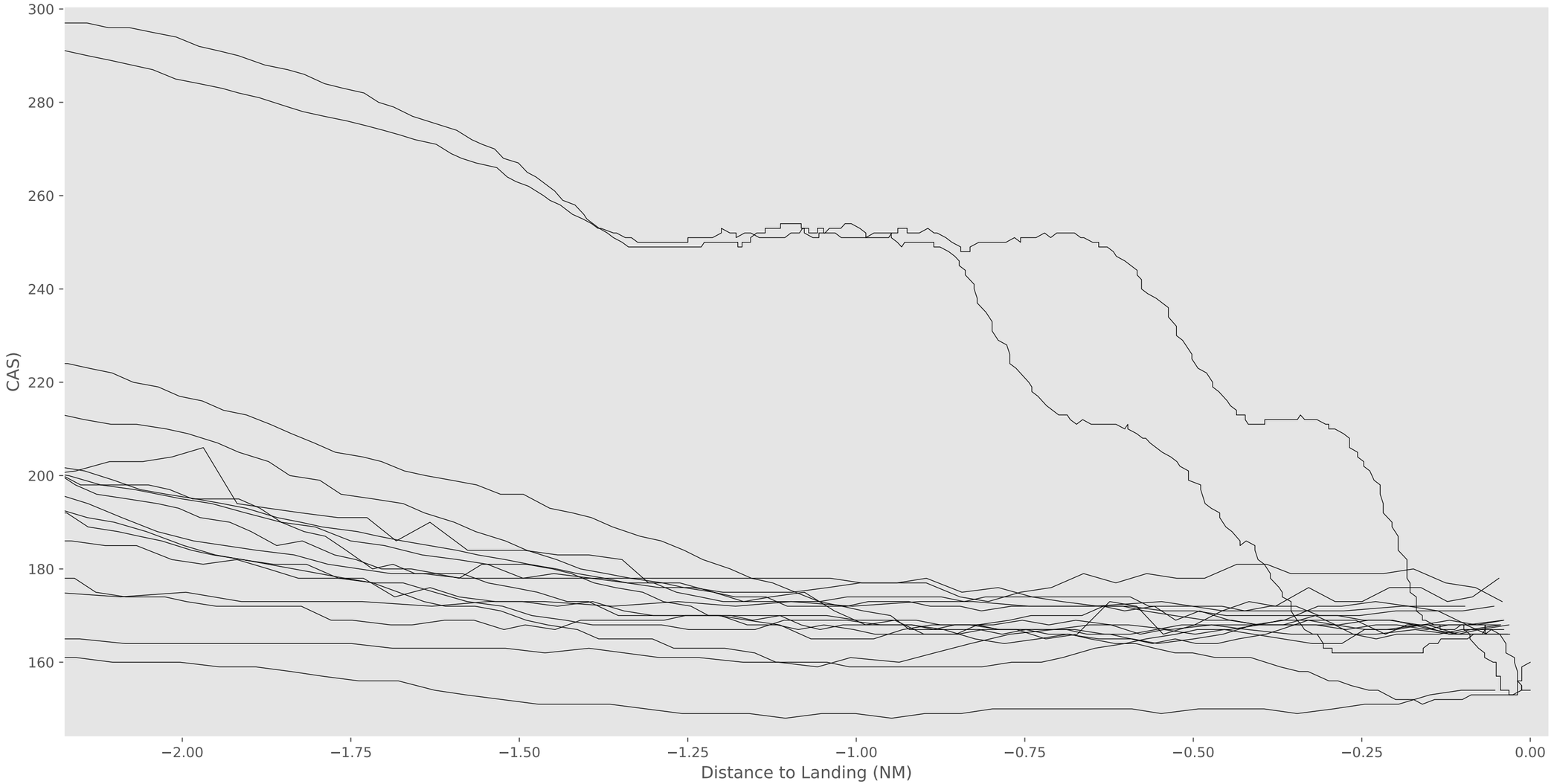

Landing Weight Estimation
MTOW(%) Calculated
MTOW(%) Actual
0
20
40
60
80
100

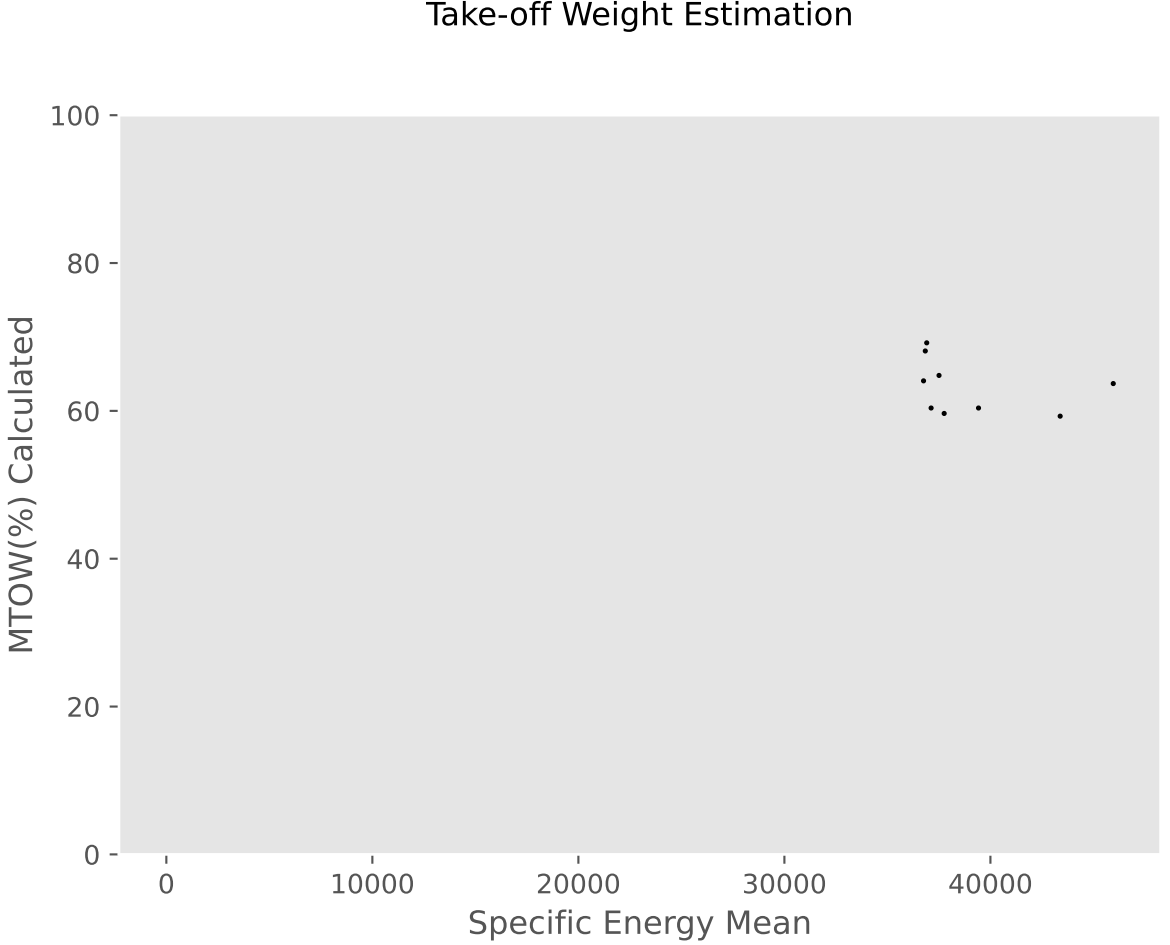

Mean Absolute Error: 38.05%MTOW
Standart Deviation:47.38%MTOW
Number of Aircraft
MTOW(%) Error
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−40
−30
−20
−10
0
10
20
30
40


CAS vs Distance
CAS (kt)
300
250
200
150
100
50
0
100
200
300
400
500
600
Distance (NM)


Specific Energy vs Distance
Specific Energy (J/kg)
175000
150000
125000
100000
75000
50000
25000
0
0
100
200
300
400
500
600
Distance (NM)


Altitude vs Distance
Altitude (ft)
6000
5000
4000
3000
2000
1000
−5
−4
−3
−2
−1
0
Distance (NM)


Distance to Landing vs CAS
300
280
260
240
220
200
180
160
CAS)
−2.00
−1.75
−1.50
−1.25
−1.00
−0.75
−0.50
−0.25
0.00
Distance to Landing (NM)


Take-off Weight Estimation
MTOW(%) Calculated
100
80
60
40
20
0
0
10000
20000
30000
40000
Specific Energy Mean