

Flight report

Highlights

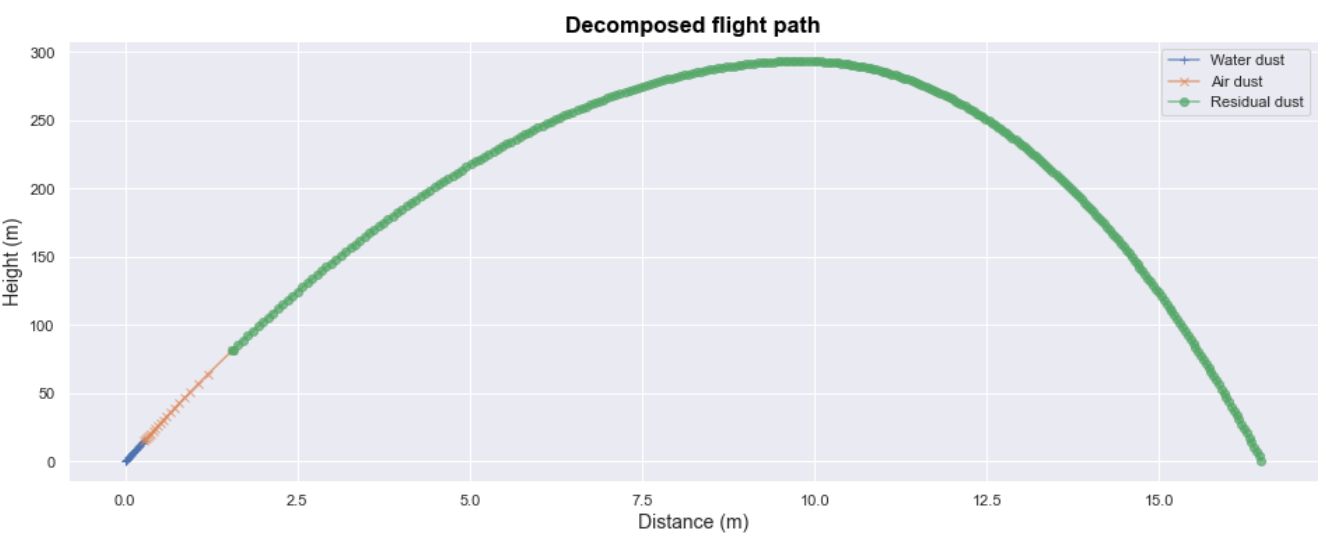
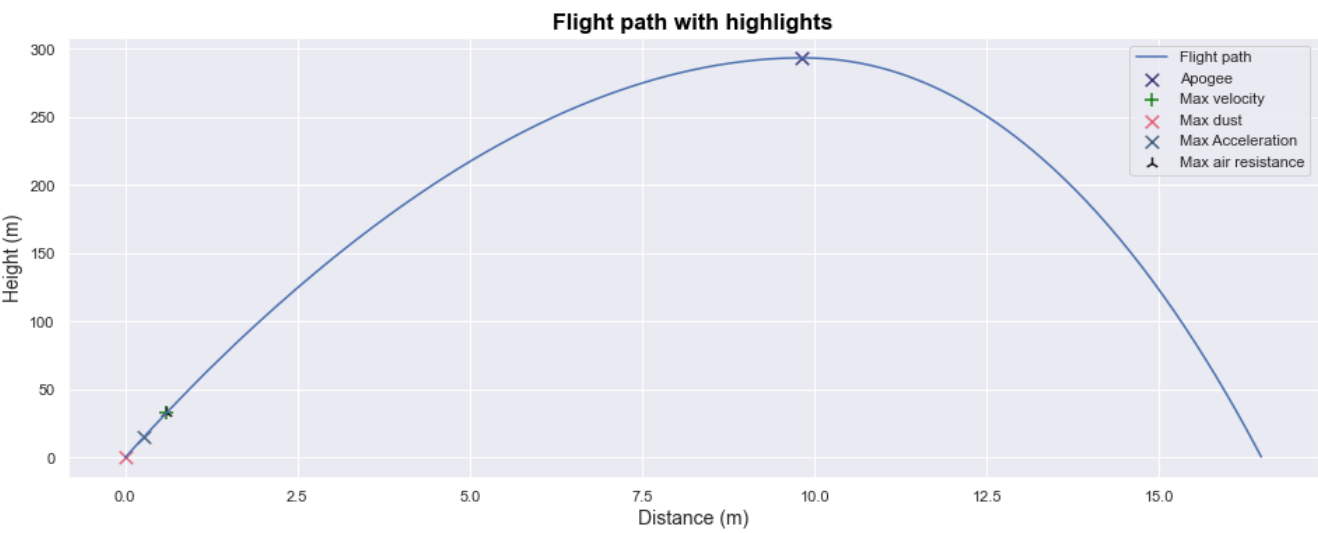
	Values
Maximal speed (m/s)	80.2747
Maximal speed (km/h)	288.9889
Maximal dust (N)	127.2478
Maximal acceleration (m/s ²)	151.7248
Maximal air resistance (N)	2.4054
Apogee (m)	293.5876
Maximum extent (m)	16.4827
Duration of water ejection (s)	0.2538
Duration of air ejection (s)	0.8571
Total flight time (s)	8.8709

Comments

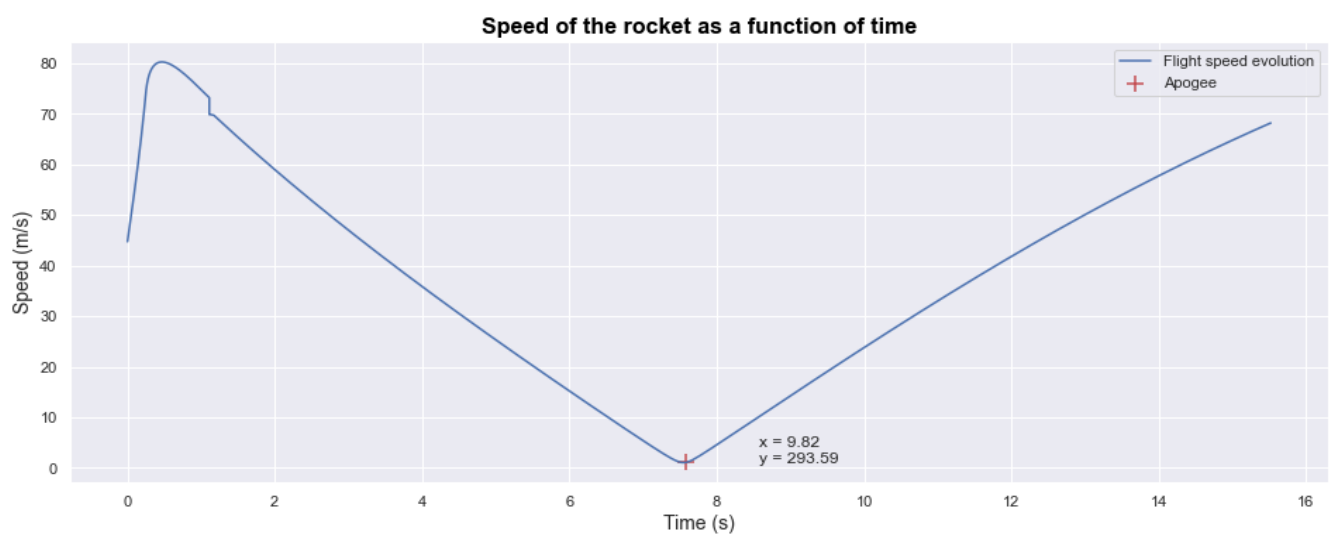
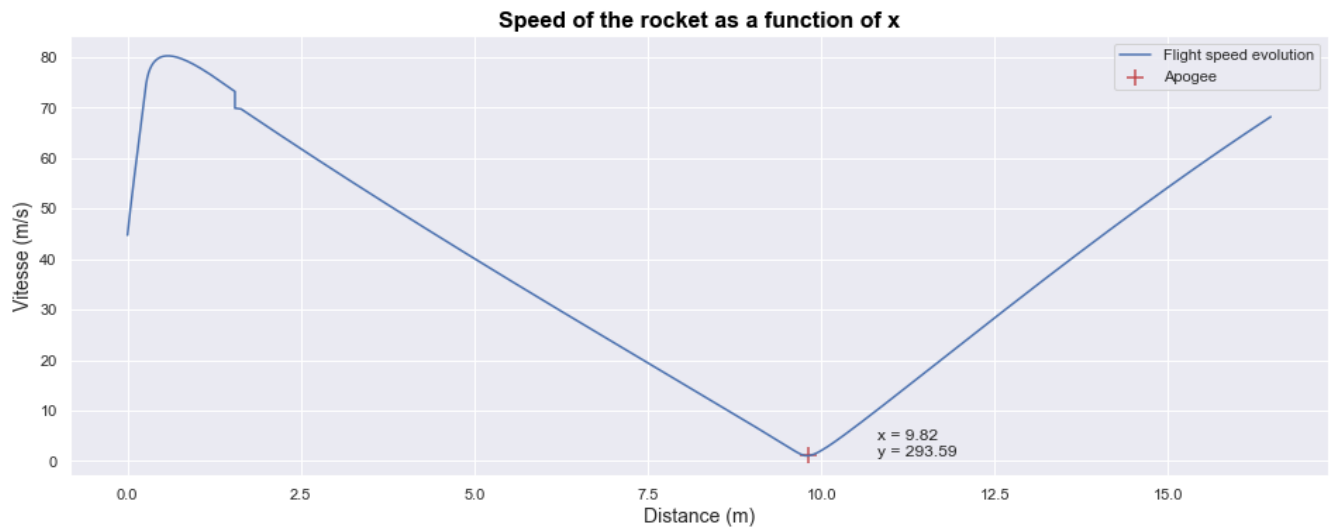
- The maximum speed is **80.2747 m/s** and corresponds to the coordinates :
x = 0.6045 m
y = 33.1231 m
- The maximum thrust is **127.2478 N** and corresponds to the take-offs :
x = 0.0000 m
y = 0.0000 m
- The maximum acceleration is **151.7248 m/s²** and corresponds to the coordinates :
x = 0.2695 m
y = 15.0403 m
- The coordinates of the end of the water ejection :
x = 0.2695 m
y = 15.0403 m
- The coordinates of the end of the air ejection :
x = 1.5495 m
y = 81.2216 m
- The coordinates of the apogee are :
x = 9.8197 m
y = 293.5876 m

Graphics

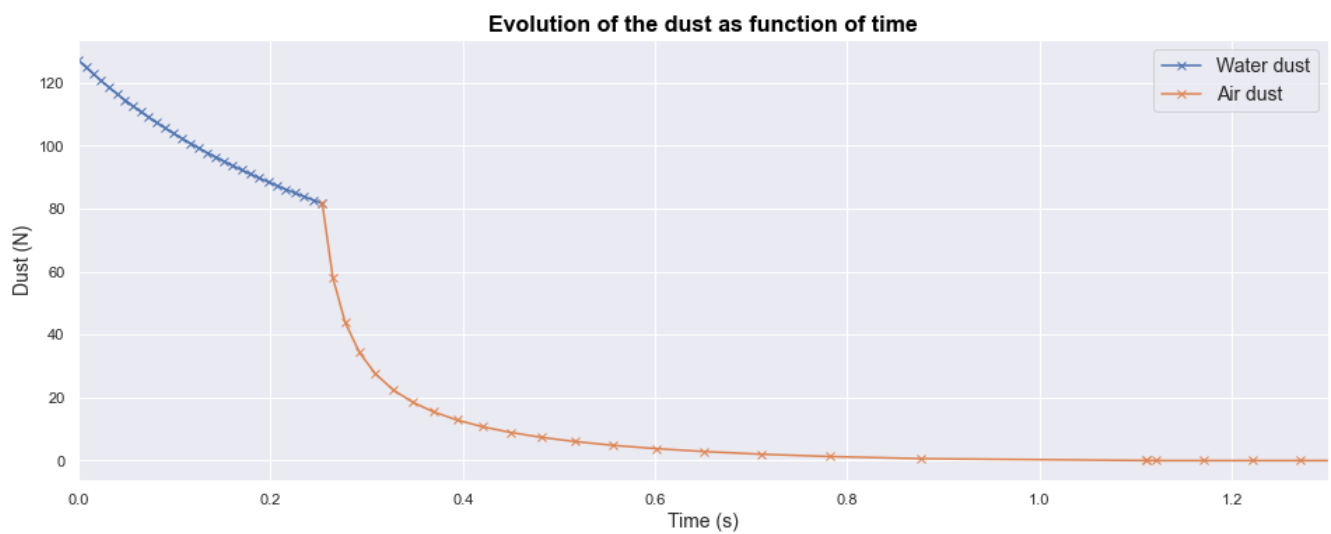
Flight path :



Speed evolution :

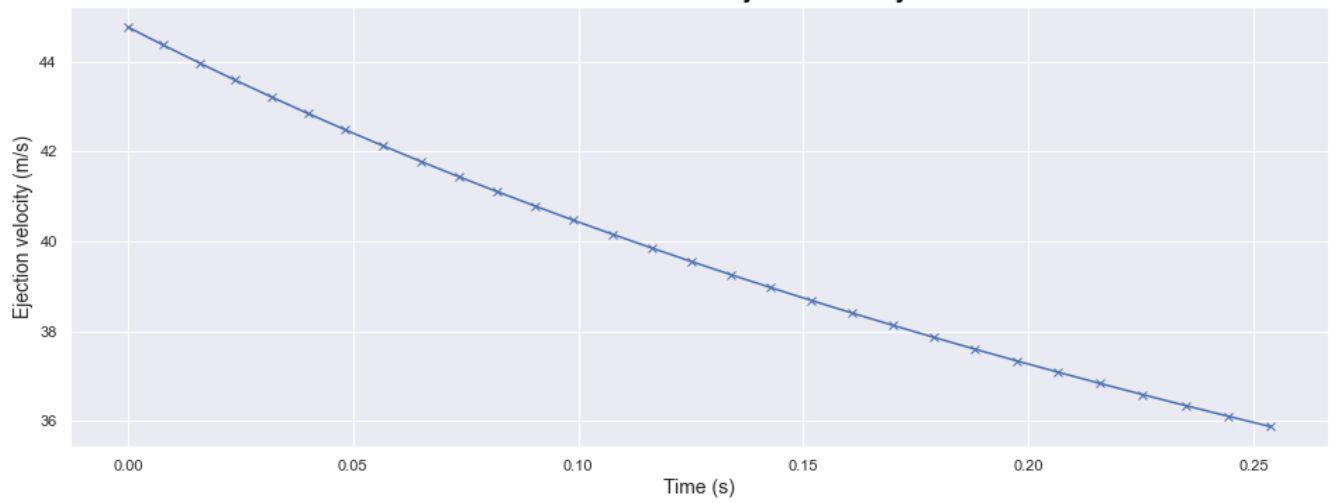


Thrust evolution :



Ejection speed :

Evolution of the water ejection velocity



Evolution of the air ejection velocity

