

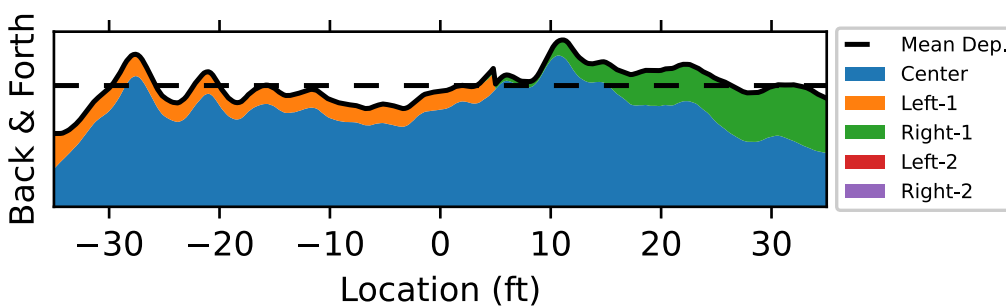
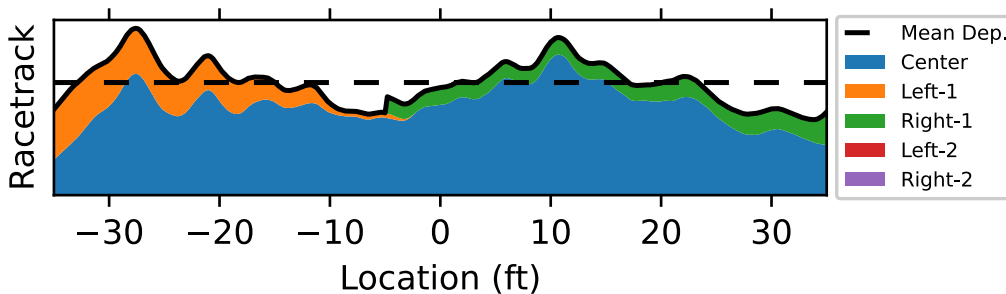
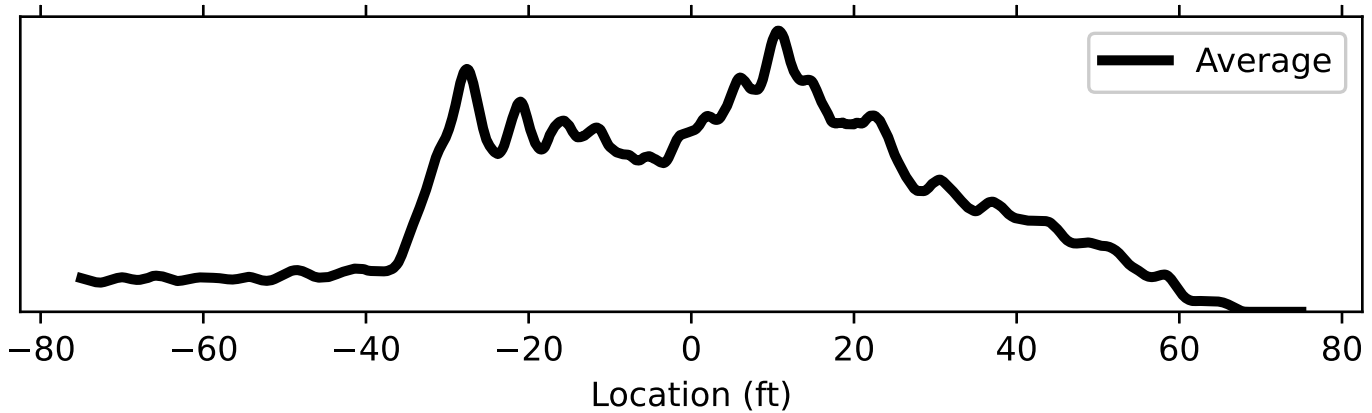
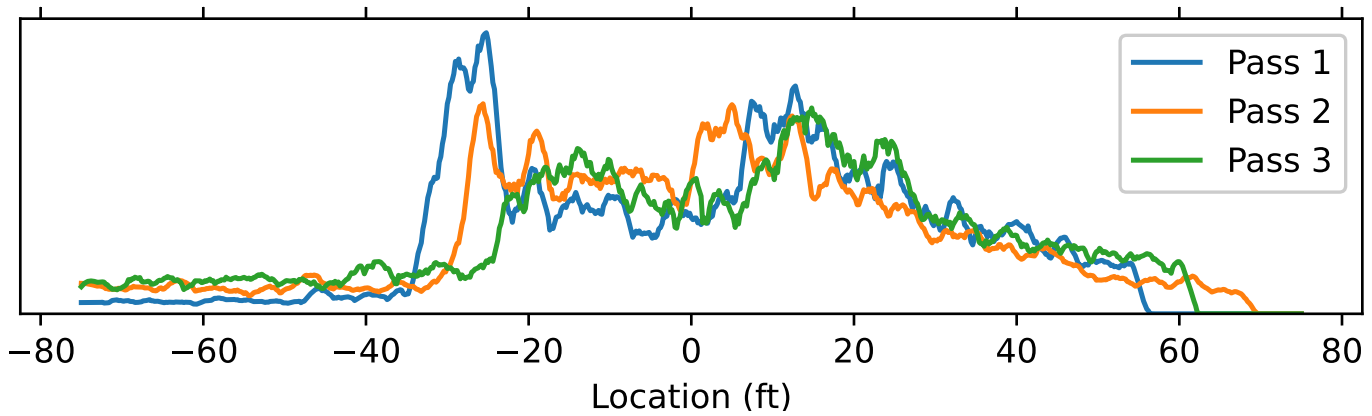
Kyler Crider  
R & R Flight Service  
2008 Diana Dr  
Mendota, IL  
  
kylercryder1@gmail.com

Aircraft	Reg. #:	N502LY
	Make:	Air Tractor
	Model:	AT-502B
	Wingspan:	52 ft
	Winglets?:	No

Spray System	Target Swath:	70 ft
	Target Rate:	2 gpa
	Boom Pressure:	40 psi
	Boom Width:	
	Boom Drop:	
	Nozzle Spacing:	

			Pass 1	Pass 2	Pass 3	Average	
Nozzles	Set #1	Observables	Airspeed	154	166	156	158 mph
	CP11TT 40Deg FF @ 15		Spray Height:	13	13	14	13.3 ft
	Orif#12 x39		Wind Speed:	5	4	8	5.7 mph
	Set #2		X-Wind Speed:	-4.9	-3.9	-6.2	-5.0 mph
			Temperature:	-	-	-	73 °F
			Humidity:	-	-	-	46%

USDA Model	Category:	
	VMD:	-1 µm
	Dv0.1:	-1 µm
	Dv0.9:	-1 µm
	%v<100 µm:	-1%
	%v<200 µm:	-1%



Swath	RT	BF
60 ft	12 %	21 %
62 ft	13 %	19 %
64 ft	15 %	16 %
66 ft	16 %	14 %
68 ft	17 %	14 %
70 ft	19 %	15 %
72 ft	21 %	15 %
74 ft	22 %	17 %
76 ft	22 %	18 %
78 ft	23 %	19 %
80 ft	24 %	21 %